Work Plan
Interim Action (Source Removal)

Roby's Station
Buena, Washington

for
Washington State Department of Ecology

January 11, 2012

GeoEngineers

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1.0 INTRODUCTION

This document presents an Interim Action Work Plan (IAWP), which describes interim remedial actions related to source removal at the Roby's Station property in Buena, Washington. The approximate location of Roby's Station property (herein referred to as the "site") is shown in the Vicinity Map, Figure 1. This Work Plan is submitted to the Washington State Department of Ecology (Ecology) by GeoEngineers, Inc. (GeoEngineers) pursuant to the Scope of Work and Fee Estimate for this project.

Components of this document include: 1) a description of the planned interim action; 2) a summary of site history and current site conditions; 3) results of analytical testing conducted on site soil and groundwater samples, including results from the recent data gap investigation completed by GeoEngineers for purposes of additional site characterization; 4) a brief discussion of alternatives evaluated as part of the proposed interim action; 5) a brief schedule of proposed activities associated with the interim action; and 6) an interim cleanup action approach.

2.0 DESCRIPTION OF INTERIM ACTION

2.1. General

Major elements of the proposed interim action for cleanup of shallow soil include:

- Removal and off-site disposal of a former waste oil underground storage tank (UST);
- Excavation of shallow soil with petroleum hydrocarbon concentrations greater than Model Toxics Control Act (MTCA) Method A Cleanup levels (unrestricted land use) within the site;
- Excavation of isolated areas of soil contaminated with lead at concentrations greater than MTCA Method A cleanup levels (unrestricted land use) within the site;
- Possible excavation of isolated areas of soil contaminated with polychlorinated biphenyls (PCBs) at concentrations greater than MTCA Method A cleanup levels (unrestricted land use) within the site;
- Off-site disposal of contaminated soil in a landfill facility(s) permitted to accept site contaminated waste; and
- Backfilling excavations with imported soil.

2.2. Purpose

The purpose of the IAWP is to remove the existing UST and identified contaminated shallow (vadose zone) soil at the site. The objective of the IAWP is to:

- Reduce the potential for dermal contact with or ingestion of contaminated soil; and
- Reduce the potential for migration of contaminants (principally petroleum hydrocarbons) from soil to groundwater, particularly in advance of future groundwater cleanup activities.

This report is intended to provide information and rationale for the preferred interim cleanup action for source removal. As described in the subsequent **Site Background** section of this Work Plan, site

soil and groundwater is contaminated with petroleum hydrocarbons. Isolated areas of lead and trichloroethene (TCE) contamination also have been identified. Although PCBs have not been detected in site soil samples, PCBs were detected in the waste oil removed from the UST. The proposed interim action alternative for source removal includes excavation and off-site disposal of petroleum-, lead- and TCE-contaminated soil.

2.3. General Requirements

The intent of the IAWP is to achieve cleanup standards for a portion of the site, i.e. cleanup of vadose zone soil. It is possible, depending on conditions encountered during the cleanup, that soil located below the water table might be excavated and disposed off-site. However, the intent of the IAWP is not to excavate and dispose of all contaminated soil.

Based on the current information, MTCA Method A cleanup levels (unrestricted land use) will be the target cleanup levels for contaminants in soil.

2.4. Relationship to Cleanup Action

Currently, the cleanup action for treatment of petroleum hydrocarbon-contaminated groundwater and saturated soil has not been determined. However, future interim actions related to treatment of groundwater include conducting a pilot test utilizing in-situ chemical oxidation (ISCO) methods to evaluate the effectiveness of that alternative. Utilizing excavation and off-site disposal of vadose zone contaminated soil should not preclude the use of this proposed groundwater cleanup method, or other potential soil and groundwater cleanup alternatives.

3.0 SITE CONDITIONS

3.1. Property Description

The site is located near the intersection of Buena Road and Burr Street. The Roby's Station property measures about 0.47 acres, and is bounded on the northeast by Buena Road and a low income housing complex, on the south by a fire station, on the west by the post office, and on the east by Burr Street. The north portion of the site is paved with asphalt concrete. The remainder of the site is covered with grass and trees, except for the central portion of the site, where remnants of a mobile home pad remain. There also is evidence of man-made debris and fill on the site. The former gasoline station building was demolished and removed from the site in October 2011. The site is relatively level, with a slight topographic depression near the south portion of the site.

3.2. Site History and Previous Site Characterization Activities

The site previously operated as Roby's Services. The exact dates of operation were not available. However, the former fuel USTs were reportedly closed in place in 1996. Petroleum-contaminated soil and groundwater have been detected on and downgradient (south-southeast) of the site during previous site remedial and investigation activities. The approximate locations of site features including the former site USTs are shown on the Site Plan, Figure 2.

- Petroleum contamination was identified in 1993 at several sites within the town of Buena, including the Roby's Station site, during installation of underground sewer lines.

- Site assessment activities conducted by Ecology between 1997 and 1999 included installing twelve monitoring wells (MW-1 through MW-12) in the town of Buena. Four monitoring wells (MW-5 through MW-8) are located near the site.
- Petroleum-contaminated soil was identified during removal of five USTs and associated product lines between the USTs and fuel dispensers at the site in 2001. Analytical laboratory test results indicated site soil near the USTs was contaminated with gasoline-range petroleum hydrocarbons (GRPH), diesel-range petroleum hydrocarbons (DRPH), and benzene, toluene, ethylbenzene and xylene (BTEX) compounds greater than MTCA Method A cleanup levels. The contaminated soil was placed back within the excavation following removal of the USTs. Additional fill was imported to backfill the excavations.
- GeoEngineers performed site characterization activities at the site in 2010, including installing a groundwater monitoring well (MW-15) south (downgradient) of the site. Results of laboratory analytical testing of groundwater samples obtained from monitoring well MW-15 in July 2010, indicated groundwater was contaminated with DRPH at concentrations greater than MTCA Method A cleanup levels. Analytical test results from groundwater samples collected from MW-15 during subsequent groundwater sampling events performed by Ecology in December 2010, March 2011 and June 2011 also indicated groundwater underlying the site was contaminated with GRPH and benzene at concentrations greater than MTCA Method A cleanup levels. DRPH and oil-range petroleum hydrocarbons (ORPH) also have been detected in groundwater samples collected from MW-15. Based on the groundwater sampling event in July 2010, groundwater flow direction appeared to be in a generally south-southeast direction under a gradient of about 0.005 feet per foot (ft/ft).
- The existing gasoline station structure on the site was demolished in October 2011. As part of demolition activities, an on-site domestic water well also was abandoned. An underground waste oil tank (approximately 300 gallons) was identified on the site. The waste oil tank contents were removed and properly disposed off-site during demolition activities. Screening of the waste oil tank contents by Ecology indicated the waste oil contained PCBs and leachable lead. Qualitative field screening conducted by Ecology also indicated the waste oil tank contents contained chlorinated compounds. Decommissioning of the waste oil tank and removal of accessible contaminated soil (if any) associated with the waste oil tank will be included as part of the Interim Action activities. A drywell formerly was located within the structure. Ecology had the contents of the drywell vacuumed on previous occasions. However, the drywell refilled with apparent petroleum-contaminated water and debris after each cleaning attempt. The drywell was removed as part of demolition activities. Removal of concrete floor slabs during demolition revealed stained soil. A hydraulic lift was also removed as part of the building demolition activities.

3.3. Subsurface Conditions

3.3.1. Geology Review

The Washington Department of Natural Resources, "Geologic Map of the East Half of the Toppenish 1:100,000 Quadrangle, Washington" indicates that three geologic units are mapped near the site including: Quaternary Age Alluvium (Qa), Quaternary Age Terrace deposits (Qt) and Quaternary Age Outburst flood deposits, silt and sand (Qfs). Alluvium and Terrace deposits consist of silt, sand and gravel, deposited directly by the Yakima River. Alluvium is mapped in valley

bottoms, while Terrace deposits are mapped along the margins of the valley bottom, extending about 15 to 30 feet above the current Yakima River flood plain. Outburst flood deposits consist of rhythmically bedded and graded slackwater (low-energy) deposits of silt, minor sand and gravel, deposited during outburst floods from glacial Lake Missoula.

3.3.2. Soil Conditions

3.3.2.1. GENERAL

Soil conditions at the site were interpreted based on review of previous monitoring wells installed by Ecology, previous direct-push borings and monitoring wells advanced/installed by GeoEngineers in 2010, and the 18 direct-push borings (DP-20 through DP-37) that were advanced as part of the data gap investigation conducted between November 14 and 16, 2011. Note that off-site direct-push borings DP-1 through DP-8 were advanced as part of site characterization activities in 2010, and direct-push borings DP-9 through DP-19 were advanced as part of the data gap investigation for the nearby Gold Nugget Market site, also located in Buena.

The approximate locations of the borings and monitoring wells are shown on Figure 2. Direct-push borings DP-20 through DP-37 were advanced to depths in the range of about 5 to 10 feet below current site grade using a truck-mounted Geoprobe® 5400 drill rig. Soil samples from the direct-push borings were obtained at discrete intervals for field-screening of petroleum hydrocarbons using photoionization detector (PID) and water sheen methods. Select soil samples also were collected and submitted to an analytical laboratory. Groundwater samples also were collected from selected borings and submitted to an analytical laboratory. A detailed description of the field exploration program and logs of the borings and monitoring wells are presented in Appendix A.

3.3.2.2. UPPER GRAVEL

The site is underlain by an upper layer generally consisting of fine to coarse gravel with sand and silt. The upper layer of gravel extended to depths in the range of about 6 inches to about 5 feet below current site grade at the locations of the direct-push borings. It is possible that at least portions of the upper gravel layer consist of imported fill.

Results of field-screening indicated slight to moderate sheen from soil samples collected from DP-23 within the upper gravel layer. A slight sheen also was observed during field-screening on soil samples collected from direct-push borings DP-27, DP-35 and DP-36 within the upper gravel layer.

3.3.2.3. SILT AND SILTY SAND

Below the upper gravel, soil conditions at the locations of the direct-push borings and monitoring wells generally consist of silt and/or silty fine sand, which extends to depths in the range of about 5 to at least 10 feet below current site grade. Occasional organic matter also was observed in soil samples obtained from the direct-push borings from within the silt and silty sand layer.

Results of field-screening indicated slight to moderate sheens and/or hydrocarbon odors from soil samples collected from borings DP-20 through DP-35 within the silt and silty sand layer.

3.3.2.4. LOWER GRAVEL

Below the silt and silty sand, soil conditions at the locations of the direct-push borings and monitoring wells generally consist of sand and gravel with variable (generally less than about 12 percent) silt content, which extends to the depths explored.

Results of field-screening indicated a hydrocarbon odor from a soil sample collected from direct-push boring DP-32 at a depth of about 10 feet below site grade, within the lower gravel layer. A strong gasoline odor also was noted on the well log for MW-7 between a depth of about 5 to 10 feet below site grade.

3.3.3. Groundwater Conditions

Review of available water well reports on the Washington Department of Ecology on-line database indicates that deposits of gravel, sand, silt and clay with cobbles extend to depths of at least 40 to 90 feet below ground surface near the site. Several well reports indicate that sandstone is present beneath the overburden soil deposits at depths in the range of about 50 to 90 feet below ground surface (bgs). Groundwater was measured at direct-push boring locations at depths in the range of about 3½ to 7 feet below current site grade at the time of drilling. Groundwater also has been measured at area monitoring wells during previous monitoring events. Table 1 presents a summary of groundwater elevations obtained during previous sampling events of area groundwater monitoring wells by GeoEngineers and Ecology. Groundwater Elevations, July 25 and 26, 2010, Figure 3 shows groundwater elevations and estimated groundwater flow directions for the Buena area during a previous monitoring event in July 2010.

4.0 CHEMICAL ANALYTICAL TESTING RESULTS

4.1. General

Groundwater samples have been collected and analyzed for total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) from area monitoring wells during four previous monitoring events. A summary of groundwater analytical results from samples collected from area groundwater monitoring wells during previous monitoring events is presented in Table 2 through Table 5.

A total of 22 soil samples and 5 groundwater samples were collected and submitted for analytical testing from the recent direct-push borings. Selected soil samples were analyzed for TPH including GRPH, DRPH, ORPH and VOCs and lead. Selected soil samples from borings located near the waste oil tank and former drywell also were analyzed for semi-volatile organic compounds (SVOCs) and PCBs. Selected groundwater samples also were analyzed for GRPH, DRPH, ORPH, VOCs, SVOCs, PCBs and lead.

Groundwater results from the direct-push borings provide a semi-quantitative assessment of groundwater conditions, as development of the temporary wells installed within the direct-push borings, and the water-quality parameters, particularly turbidity measurements, did not achieve, nor were intended to achieve, parameters as stringent as those established for samples obtained from permanent groundwater monitoring wells. A summary of groundwater analytical results for total petroleum hydrocarbons, lead and VOCs from groundwater samples collected from select direct-push borings is presented in Table 6. A summary of groundwater analytical results for SVOCs and PCBs from groundwater samples collected from select direct-push borings is presented in Table 7. A summary of soil analytical results for total petroleum hydrocarbons, VOCs and lead from select direct-push boring soil samples is presented in Table 8. A summary of soil analytical results for SVOCs and PCBs from select direct-push boring soil samples is presented in Table 9.

4.2. Soil Analytical Results

GRPH were detected in soil samples at concentrations greater than the MTCA Method A cleanup level of 100 milligrams per kilogram (mg/kg) in the following samples: DP-23 at 2.5-foot depth (1,540 mg/kg); DP-24 at 7-foot depth (453 mg/kg); DP-25 at 6-foot depth (612 mg/kg); DP-27 at 6-foot depth (256 mg/kg); DP-28 at 7-foot depth (186 mg/kg); DP-29 at 8-foot depth (288 mg/kg); DP-30 at 4-foot depth (143 mg/kg); and DP-31 at 7-foot depth (130 mg/kg).

DRPH were detected in soil samples at concentrations greater than MTCA Method A cleanup level of 2,000 mg/kg in the following samples: DP-23 at 2.5-foot depth (8,380 mg/kg).

ORPH were detected at concentrations greater than the MTCA Method A cleanup level of 2,000 mg/kg in the following sample: DP-23 at 2.5-foot depth (21,400 mg/kg) and DP-32 at 4-foot depth (2,380 mg/kg).

Benzene was detected at concentrations greater than the MTCA Method A cleanup level of 0.03 mg/kg in the following samples: DP-21 at 4-foot depth (0.175 mg/kg); DP-24 at 7-foot depth (1.57 mg/kg); DP-25 at 6-foot depth (0.0803 mg/kg); DP-26 at 8-foot depth (0.0516 mg/kg); DP-27 at 9-foot depth (0.161 mg/kg); DP-28 at 7-foot depth (0.442 mg/kg); DP-28 at 9-foot depth (0.11 mg/kg); DP-29 at 2.5-foot depth (0.164 mg/kg); DP-29 at 8-foot depth (0.0461 mg/kg); DP-30 at 4-foot depth (0.702 mg/kg); DP-32 at 4-foot depth (0.136 mg/kg); and DP-35 at 4-foot depth (0.0775 mg/kg). The sample from DP-24 at 7-foot depth was subsequently submitted for Toxic Characteristic Leaching Procedure (TCLP) analysis. TCLP results indicate that the benzene concentration was less than 100 micrograms per liter (µg/L), which is less than the threshold concentration for designation as hazardous or dangerous waste of 500 µg/L.

Ethylbenzene and naphthalene were detected at concentrations greater than the MTCA Method A cleanup levels of 6 mg/kg and 5 mg/kg, respectively, in the following samples: DP-23 at 2.5-foot depth (6.48 mg/kg and 46.2 mg/kg, respectively), and DP-24 at 7-foot depth (10.3 mg/kg and 11.5 mg/kg, respectively). Trichloroethene (TCE) also was detected at a concentration greater than the MTCA Method A cleanup level of 0.03 mg/kg in the samples from DP-35 at 4-foot depth (0.0508 mg/kg) and DP-23 at 2.5-foot depth (0.597 µg/L). Although the results for DP-23 at 2.5-foot are an estimate.

The reporting limits for several non-detect VOC analytes were greater than their MTCA Method A cleanup levels. Based on information provided by the analytical laboratory, this was due to the relatively high water content and corresponding low soil weight of the samples when measured on a dry weight basis. The analytes include methyl tertiary-butyl ether (MTBE), methylene chloride, tetrachloroethene (PCE) and trichloroethane (TCE). With the exception of one sample (DP-23 at 2.5-foot), the detection limits for non-detect results for PCE and MTBE were below the MTCA Method A cleanup levels. Of the 19 samples analyzed for VOCs with non-detect results for TCE, 7 samples had detection limits less than the MTCA Method A cleanup level and 12 samples had detection limits greater than the MTCA Method A cleanup level. All 22 samples analyzed for VOCs with non-detect results for methylene chloride had detection limits greater than the MTCA Method A cleanup level.

SVOCs and PCBS were not detected in the samples analyzed for those contaminants.

Lead was detected in the sample from DP-23 at 2.5-foot depth at a concentration of 1,270 mg/kg, greater than the MTCA Method A cleanup level of 250 mg/kg. The sample was subsequently submitted for TCLP analysis. The concentration of lead based on the TCLP analysis was 0.0748 milligrams per liter (mg/L), which is less than hazardous or dangerous waste concentration threshold of 5 mg/L. Lead was not detected, or was detected at concentrations less than the MTCA Method A cleanup level, in the other 21 soil samples.

4.3. Groundwater Analytical Results

GRPH were detected in groundwater samples from direct-push borings DP-23 and DP-33 at concentrations of 2.6 mg/L and 6.72 mg/L, greater than the MTCA Method A cleanup level of 1 mg/L (1,000 µg/L).

DRPH was detected in the groundwater sample from DP-33 at a concentration of 2.27 mg/L, greater than the MTCA Method A cleanup level of 0.5 mg/L (500 micrograms per liter [µg/L]).

Benzene was detected in the groundwater samples from DP-23 and DP-26 at concentrations of 40.6 µg/L and 38.8 µg/L, respectively, greater than the MTCA Method A cleanup level of 5 µg/L. Total xylenes were detected in the groundwater sample from DP-33 at a concentration of 1,020 µg/L, greater than the MTCA Method A cleanup level of 1,000 µg/L. Other TPH and VOCs were not detected, or were detected at concentrations less than MTCA Method A cleanup levels for those analytes with established cleanup levels.

Lead also was detected in the groundwater sample from DP-33 at a concentration of 1,820 µg/L, greater than the MTCA Method A cleanup level of 15 µg/L. The lead concentrations are reported as total lead. Due to the high turbidity of the sample, results likely are not representative of the actual groundwater concentration. Lead was not detected in the other groundwater samples.

Naphthalene was detected in the groundwater sample from DP-26 at a concentration of 6.92 µg/L, less than the MTCA Method A cleanup level of 160 µg/L. With the exception of naphthalene, SVOCs and PCBs were not detected in groundwater samples.

4.4. Summary

Results of field screening and analytical testing indicate that the predominant areas of petroleum contamination at the site appear to be near or below the groundwater table, particularly within the silty sand soil unit. Contaminated soil and groundwater also appears to extend from near the former drywell location (near DP-23), and the former fuel dispenser area, towards the southeast, to the former UST area. PAHs and PCBs were not detected in soil samples analyzed for those contaminants. Figure 4 presents borings where results of analytical testing indicate soil and/or groundwater contamination greater than MTCA Method A cleanup levels. Cross section A-A' also is shown on Excavation Plan, Figure 4. A graphical depiction of cross section A-A' is presented in Cross Section A-A', Figure 5.

5.0 ALTERNATIVES

Several potential remedial alternatives for shallow (vadose) zone soil contamination were evaluated, including excavation and off-site disposal and in-situ treatment, such as soil vapor extraction (SVE). Because of the shallow groundwater table and nature of soil contamination ranging from volatile BTEX compounds to semi-volatile ORPH, in-situ treatment techniques such as SVE likely would not be as effective at removing the less volatile petroleum contaminants. Additionally, such techniques would not address the presence of lead in soil at concentrations greater than MTCA Method A cleanup levels. Other methods such as in-situ treatment or capping could preclude site access to deeper contaminated soil and groundwater for future site cleanup actions. Therefore, we considered excavation and off-site disposal at a permitted disposal facility as the baseline alternative as a comparison to other alternatives. Excavation and off-site disposal meets applicable criteria in MTCA by: 1) protecting human health and the environment (removing shallow soil contamination); 2) providing for compliance monitoring (allowing for compliance sampling and access to deeper soil and groundwater contamination for future remedial actions); and 3) providing for a reasonable restoration time frame. Therefore, this option has been selected for cleanup of shallow soil contamination as part of this interim action.

6.0 SCHEDULE

Following review by Ecology and incorporation of mutually agreed-to comments, the draft Interim Action Report will be submitted for public comment. Following the public comment period (if required), Ecology will address any public comments received and provide final comments. The Interim Action Report will be finalized within 30 days following receipt of final comments from Ecology.

Construction Plans and Specifications are currently being prepared so Ecology can solicit bids for the construction work. Ecology will select a contractor for the work and GeoEngineers will provide oversight of the construction work.

7.0 INTERIM ACTION APPROACH

7.1. General

Activities associated with source removal include: 1) obtaining necessary permits and providing appropriate notifications; 2) preparing work plans; 3) mobilization and demobilization; 4) establishing work zones and stockpile locations; 5) removing an existing UST; 6) excavating contaminated soil; 7) collecting confirmation soil samples of excavated areas; 8) transporting and disposing excavated soil to approved landfills; 9) incorporating dust control measures during site activities; and 10) backfilling excavations.

7.2. Notifications and Permits

The Contractor shall be a Washington State licensed UST decommisioner and be responsible for obtaining and paying for all permits and inspections required for removing the UST and other site work. Required notification/permits may include, but are not necessarily limited to:

- Yakima Regional Clean Air Agency notification for site earthwork activities;
- Yakima County notification of site earthwork activities and submittal, and acquisition of appropriate permits, such as grading permits, and approvals;
- State and local fire department notification of UST closure; and
- Any other permits or notifications required to complete the work such as permits or notifications required to cap utilities, street obstruction permits, temporary easements, or hydrant permits.

The Contractor also shall provide notification to the Engineer of the planned disposal landfills and shall provide proof that the landfills have agreed to accept the waste material before commencing with Interim Action activities.

7.3. Health and Safety Plan and Work Plan Preparation

The Contractor shall submit a Health and Safety Plan (HASP) detailing the specific safety requirements and safety procedures for the work. The Contractor shall establish work zones to protect worker safety and health and to reduce the potential for off-site contamination.

The Contractor shall, at a minimum, meet all requirements of WAC 296-155, Safety Standards for Construction. Contractor shall also comply with WAC 296-62, Part P, which governs hazardous waste operations in Washington State. Hazardous waste operations regulations (including a requirement for 40-hour or 80-hour OSHA hazardous waste training) will apply whenever exposure to hazardous materials is possible. The plan must be Site specific, addressing hazards at the Site. A generic plan or corporate-wide plan is not acceptable. The Engineer may halt or delay operations if Contractor does not provide an acceptable plan before the scheduled start date. An acceptable plan is a plan that meets the local, state, and federal requirements in the opinion of the Engineer's safety staff. The Engineer reserves the right to require future modifications to the plan to meet requirements of local, state and federal regulations.

The Contractor shall submit four (4) copies of the Contractor's Health and Safety Plan (HASP) to the Engineer a minimum of 7 days before mobilization to the Site. The Engineer will review the Health and Safety Plan and if any modifications are requested, the Contractor shall submit copies of the modified Health and Safety Plan to Engineer before beginning Site work. The Contractor shall not begin work until the HASP has been finalized and approved by the Engineer.

Contractor shall ensure their employees and their subcontractors perform their work in accordance with the HASP and all local, state and federal regulations. The Engineer reserves the right to exclude subcontractors, or subcontractor employees who perform work in an unsafe manner or who do not comply with the project health and safety plan. Contractor shall supervise work of subcontractors at all times. Subcontractors shall never perform work without Contractor supervision. Exceptions to this requirement will be considered on a case-by-case basis. At least one Contractor employee shall have current first aid and CPR training while Contractor is on Site.

The Engineer will be responsible for generating and maintaining a Site-specific HASP for all personnel on Site representing the Engineer. The Engineer's HASP will meet all local, state, and federal regulations.

The Contractor shall be required to submit a work plan detailing procedures and schedules for UST removal, soil excavation and off-site disposal, soil backfill and final site restoration. The work plan will identify personnel that have the required 40-Hour Hazardous Waste Operations (HAZWOPER) training and licenses for site excavation and UST work. The Contractor shall not commence work until the work plan and HASP have been approved by the Engineer. The Contractor shall revise the work plan and HASP as necessary for additional items included in the work as necessary.

7.4. Mobilization and Demobilization

The Contractor shall mobilize all equipment required to complete excavation and backfilling work. A temporary security fence shall be constructed around the perimeter of the Site, encompassing work areas, to reduce public access to the site.

7.5. Temporary Erosion and Sediment Control

The Contractor shall install temporary erosion and sediment control facilities where appropriate. The contractor shall use personnel with appropriate 40-hour OSHA Hazardous Waste training and shall follow approved work plans and all applicable regulations when doing any excavation work on the Site.

7.6. Utility Locating

The Contractor shall be responsible for locating underground utilities at the site, including calling the local "One-Call" utility locating service. The Contractor shall complete any other work necessary to locate underground utilities. The Contractor shall take all appropriate actions to protect utilities during excavation activities. The Contractor shall be responsible for obtaining any and all permits required to complete utility work. Utilities may include, but are not necessarily limited to: water, sewer, electricity, phone, and gas. The Contractor also shall be responsible for coordinating such work with the applicable utility company or local municipality. Excavation and impacted material handling conducted as part of utility capping activities shall be completed by personnel with appropriate 40-hour OSHA Hazardous Waste training in accordance with approved work plans and all applicable regulations.

7.7. Work Zones and Soil Stockpile Locations

The contractor shall establish work zones and temporary soil stockpile locations for soil excavation activities before initiating earthwork activities. These work zones include:

- The Exclusion Zone;
- Decontamination Zone;
- Temporary Stockpile Area; and
- Support Zone/Contractor Staging Area

The Exclusion Zone shall consist of the area of active excavation and proximity.

The Decontamination Zone shall be set up adjacent to the Exclusion Zone, such that personnel and equipment must pass through the Decontamination Zone from the Exclusion Zone before entering the Support Zone or exiting the site. During excavation activities, the Decontamination Zone shall

be located on the north side of the site near the current parking area. Equipment and materials utilized during excavation activities shall be decontaminated at this location. Water generated from decontamination procedures shall be containerized. The Contractor shall not discharge or transport water off-site for disposal without approval from the Engineer.

The Decontamination Zone also shall include a health and safety station, which shall contain first aid equipment, emergency eyewash, environmental monitoring equipment, and facilities for site personnel to conduct decontamination activities. Decontamination activities shall follow procedures contained in the Site Health and Safety Plan.

Temporary Stockpile Areas shall be established in the field in coordination with the Engineer based on the progress of the work.

The Support Zone/Contractor Staging Area shall be established on site at a suitable location such that it is separated from the Exclusion Zone by the Decontamination Zone.

In order to facilitate the completion of the work, Work Zones and stockpile areas can be moved with approval from the Engineer. The Contractor shall be responsible to prevent cross contamination or re-contamination of areas where the work has been completed. Any cross contaminated or re-contaminated areas as determined by the Engineer shall be removed and disposed of at the contractor's expense.

7.8. Excavation

Based on results of soil sampling and analytical testing, the areas of most contaminated soil generally are located in east portion of the site (near the former UST locations, fuel dispenser and fuel lines, as well as isolated areas including near the former drywell located within the former building footprint, and near the waste oil UST. Excavation depths to remove contaminated vadose zone soil to target cleanup levels likely will to extend to depths of about 4 to 7 feet below current site grade (approximate depth to the groundwater table). Excavation Plan, Figure 4 presents the anticipated excavation plan. Based on the results of the recent explorations and analytical testing, and review of previous reports and documentation, approximately 1,000 to 1,500 cubic yards (about 1,600 to 2,400 tons) of contaminated soil will be excavated and disposed of off-site.

The Contractor shall be responsible for monitoring stability of temporary excavations. Excavations deeper than 4 feet shall be sloped or shored in accordance with applicable state regulations. Site soils classify as Occupational Safety and Health Administration (OSHA) Type C. Therefore, temporary excavations should not be steeper than 1.5H:1V (horizontal to vertical). Flatter slopes will be necessary if loads are imposed near excavations a distance equal to or less than one half the depth of the excavation, such as from excavation spoils or equipment.

7.9. Dust Control During Earthwork

The contractor shall implement dust control measures during earthwork activities. Additional information regarding required monitoring activities is presented in section **8.0 Compliance Monitoring Plan**.

7.10. Underground Storage Tank Removal

The UST is present near the southeast portion of the former building. This feature is labeled "Existing Waste Oil Tank" in Figure 2. The exact dimensions of the UST have not been confirmed. However, based on the volume of waste oil removed from the UST during previous demolition activities, the volume of the UST is estimated to be about 300 gallons.

The UST shall be removed by a licensed contractor in accordance with WAC 173-360-385. The UST and associated piping, if present, shall be disposed of in an approved landfill facility or shipped off-site for decontamination in accordance with the Toxic Substance Control Act (TSCA), Title 40 of the Code of Federal Regulations (CFR), Part 761 governing PCBs.

The Contractor shall submit to the Engineer documentation regarding UST closure and disposal. The Engineer will complete a site assessment and prepare a report in accordance with WAC 173-360.

7.11. Confirmation Sampling

The Engineer will collect confirmation samples from excavations and submit for analytical testing for GRPH, DRPH, ORPH, BTEX compounds and lead. Approximately 10 to 20 percent of the confirmation samples also will be analyzed for VOCs and PCBs. Because the interim action is intended to remove shallow, vadose zone contaminated soil, confirmation sampling will be focused on the lateral extents of the remedial excavations. Confirmation sampling of excavation bottoms are not planned. If results indicate that target cleanup levels have been met at the lateral extents of the excavations, then excavations will be backfilled. If sample results are greater than MTCA Method A cleanup levels for unrestricted land use, then excavation shall continue laterally in the area sampled. Following additional excavation, confirmation samples will be collected from the newly excavated area. This process will be repeated until results of analytical testing indicate that target cleanup levels have been reached. Additional information on the testing program is presented in section **8.0 Compliance Monitoring Plan**.

7.12. Disposal of Contaminated Soil

Contaminated soil shall be disposed of at an approved landfill permitted to accept petroleum contaminated waste. Contaminated soil shall be covered and secured during transport, and shall be handled, transported and disposed of in accordance with all applicable local, state and federal regulations governing non-hazardous waste.

7.13. Final Grading Plan

7.13.1. General

Following completion of excavation and stockpiling or off-site transport of contaminated soil and review of conformation testing results (see section **8.0 Compliance Monitoring Plan**), excavations shall be backfilled. The site shall be brought back to approximately current site grade, and graded such that surface water will not be concentrated and allowed to flow off-site.

7.13.2. Imported Fill Specifications

Backfill that will be placed below the water table at the time of backfilling shall consist of material meeting criteria in Section 9-03.12(4) "Gravel Backfill for Drains" of the 2012 Washington State Department of Transportation (WSDOT) Standard Specifications for Road, Bridge, and Municipal Construction (Standard Specifications). General imported fill for site backfill placed above the water table shall consist of soil meeting the criteria in Section 9-03.14(3) for "Common Borrow" of the 2012 WSDOT Standard Specifications. Certification shall be provided by the Contractor from the borrow source that the imported backfill is not contaminated.

7.13.3. Compaction Criteria

Imported fill shall be placed in approximate 8-inch-loose lifts, moisture conditioned to within about 3 percentage points of optimum moisture content, and compacted to at least 85 percent of the maximum dry density (MDD) based on the ASTM International (ASTM) D1557 laboratory test procedure.

8.0 COMPLIANCE MONITORING PLAN

8.1. General

Compliance monitoring is required during remediation of any site and consists of protection monitoring, performance monitoring, and conformance monitoring. Protection monitoring is conducted to ensure that human health and the environment are adequately protected during site activities. Performance monitoring is conducted to confirm that the cleanup action has attained the cleanup performance standards. Confirmation monitoring is conducted to confirm that the long-term effectiveness of the cleanup action is adequate after the cleanup standards have been attained.

8.2. Protection Monitoring

8.2.1. General

Protection monitoring shall be included in the HASP submitted by the Contractor(s) prior to the beginning of work. Protection monitoring for this project will include air monitoring during site excavation activities and monitoring of the Equipment Decontamination Area. The Contractor's HASP will specify the frequency and types of personnel monitoring, and environmental sampling techniques and instrumentation to be used by the Contractor in addition to any minimum requirements contained in the project specifications, including methods of maintenance and calibration of monitoring and sampling equipment. The submitted HASP(s) shall include the corrective actions and upgrading of personnel protection based on monitoring of air, personnel, and environmental sampling, with specific action levels identified.

The Engineer also will complete an independent air monitoring program during soil excavation activities as part of their HASP. Air will be monitored periodically throughout the day at the site perimeter during active excavation and loading activities at the Site boundaries using a portable hand-held electronic particulate meter (Haz-Dust, Model HD-1100 or equivalent). The Engineer will immediately notify the Contractor and require corrective action if particulate readings for dust exceed 5 milligrams per cubic meter (mg/m^3).

8.2.2. Monitoring of Equipment Decontamination Area

The Decontamination Zone and Staging Area will be inspected daily for damage by both the Contractor and Engineer. Any damage to the areas as determined by either the Contractor or Engineer shall be repaired immediately in order to prevent contaminated material on construction equipment from leaving the Site in an uncontrolled manner.

8.3. Confirmation Sampling

After excavating the contaminated soil as delineated by the initial data gap investigation, and as shown in Figure 4, the Engineer will collect confirmation samples from the limits of the remedial excavations. As stated previously, samples will be collected from the lateral extents of excavations, and not from the bottom of excavations. Confirmation samples from excavation sidewalls will be collected at approximate 15 to 25 foot spacings. About 15 to 20 samples will be collected and analyzed for ORPH, DRPH, GRPH and BTEX compounds. About 2 to 4 samples, obtained from areas located near the waste oil UST, drywell and/or hydraulic lift also will be analyzed for VOCs and PCBs. If chemical analytical results indicate that contaminant concentrations exceed the established Site specific cleanup levels, the area where target cleanup concentrations are exceeded will be over-excavated and re-sampled following the same procedures as outlined above.

8.4. Quality Assurance Project Plan

The general QA objectives for this project are to develop and implement procedures for obtaining and evaluating data of a specified quality that can be used to assess Site conditions and risks. Field QA procedures to be followed include collecting equipment blanks and duplicate samples, and completing all appropriate sample documentation. Measurement data should have an appropriate degree of accuracy and reproducibility. Samples collected should be representative of actual field conditions and samples should be collected and analyzed using proper chain-of-custody procedures. The Quality Assurance Plan developed as part of the original work Plan for this project will be utilized.

9.0 REPORTING

Upon completion of the work, the Engineer will write a Cleanup Action Report that provides documentation of the cleanup in accordance with WAC 173-340-400(6)(b). The report shall also contain an opinion from the Engineer, based on testing and inspections, as to whether the cleanup action has been completed in substantial compliance with the plans and specifications and related documents. Supporting documentation such as laboratory data sheets, waste manifests, bills of lading, and other pertinent information shall be included in the report.

Table 1

Groundwater Elevations

Buena Monitoring Wells

Buena, Washington

Well ID	Date Surveyed	Top of Casing Elevation[1] (feet)	Depth to Groundwater (feet)	Date Measured	Groundwater Elevation [2] (feet)
MW-1	07/22/10	793.44	2.78	07/08/10	790.66
			2.81	07/26/10	790.63
				Dec. 2010	791.06
				Mar. 2011	790.54
				Jun. 2011	791.03
MW-2	07/22/10	795.34	4.58	07/08/10	790.76
			4.65	07/26/10	790.69
				Dec. 2010	791.16
				Mar. 2011	790.69
				Jun. 2011	791.18
MW-3	07/22/10	794.12	3.43	07/08/10	790.69
			3.51	07/26/10	790.61
				Dec. 2010	790.97
				Mar. 2011	790.59
				Jun. 2011	791.01
MW-4	07/22/10	794.25	3.58	07/08/10	790.67
			3.64	07/26/10	790.61
				Dec. 2010	790.92
				Mar. 2011	790.85
				Jun. 2011	790.95
MW-5[2]	07/22/10	794.19	2.71	07/08/10	791.48
			2.77	07/26/10	791.42
				Jun. 2011	790.97
MW-6	07/22/10	794.18	3.53	07/08/10	790.65
			3.59	07/26/10	790.59
				Dec. 2010	791.32
				Mar. 2011	790.63
				Jun. 2011	791.02
MW-7	07/26/10	793.52	3.95	07/08/10	789.57
			4.01	07/26/10	789.51
				Dec. 2010	790.14
				Mar. 2011	789.54
				Jun. 2011	789.77
MW-8				Jun. 2011	790.77
MW-9	07/22/10	789.73	2.72	07/08/10	787.01
			2.78	07/26/10	786.95
				Dec. 2010	787.28
				Mar. 2011	786.98
				Jun. 2011	787.12
MW-10	07/22/10	788.47	3.28	07/08/10	785.19
			3.19	07/26/10	785.28
				Dec. 2010	785.52
				Mar. 2011	785.70
				Jun. 2011	785.17
MW-11				Jun. 2011	786.31
MW-13	07/26/10	794.41	3.70	07/25/10	790.71
				Dec. 2010	791.02
				Mar. 2011	790.54
				Jun. 2011	791.04
MW-14	07/22/10	794.38	3.78	07/25/10	790.60
				Dec. 2010	791.07
				Mar. 2011	790.84
				Jun. 2011	791.24

Well ID	Date Surveyed	Top of Casing Elevation[1] (feet)	Depth to Groundwater (feet)	Date Measured	Groundwater Elevation [2] (feet)
MW-15	07/22/10	792.66	3.38	07/25/10	789.28
				Dec. 2010	789.74
				Mar. 2011	789.34
				Jun. 2011	789.72
MW-16	07/22/10	789.07	3.39	07/25/10	785.68
	07/26/10	789.07	3.44	07/26/10	785.63
				Dec. 2010	786.85
				Mar. 2011	786.76
				Jun. 2011	786.78
MW-17	07/22/10	790.68	5.25	07/25/10	785.43
	07/26/10	790.68	5.29	07/26/10	785.39
				Dec. 2010	785.64
				Mar. 2011	785.62
				Jun. 2011	785.57
MW-18	07/22/10	789.35	4.56	07/25/10	784.79
	07/26/10	789.35	4.58	07/26/10	784.77
				Dec. 2010	785.11
				Mar. 2011	784.92
				Jun. 2011	784.90

Notes:

[1]Elevation surveyed at the top of casing (toc) for monitoring wells (MW).

[2]Groundwater elevations for December 2010, March 2011 and June 2011 were measured and provided by Ecology.

https://projects.geoengineers.com/sites/0050406002/Draft/DraftDataTables/[05040602_Table1_groundwaterelevations.xlsx]Sheet1

Table 2

Summary of Chemical Analytical Results from Area Monitoring Wells - Groundwater[1]

Roby's Station
Buena, Washington

Sample Number	Date Sampled	Alkalinity[4] (mg/l)	Dissolved Iron[5] (mg/l)	Dissolved Manganese[5] (mg/l)	NO3/N[6] (mg/l)	Sulfate[6] (mg/l)	EDB[7] (mg/l)	Methane[8] (mg/l)	Benzene[9] (µg/l)	Ethylbenzene[9] (µg/l)	m+p-Xylene[9,12] (µg/l)	MTBE[9] (µg/l)	Naphthalene[9] (µg/l)	o-Xylene[9,12] (µg/l)	Toluene[9] (µg/l)	Diesel[10] (µg/l)	Lube Oil[10] (µg/l)	Gasoline[11,13] (µg/l)
July 2010[2]																		
MW5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW6	07/09/10	323	0.0704	0.909	0.74	29.9	-	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW7	07/09/10	304	3.86	1.43	<0.1	29.6	-	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW15	07/25/10	353	0.515	0.939	<0.1	30.7	-	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	2,080	<500	<100
December 2010[3]																		
MW5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW6	12/14/10	-	-	-	-	-	-	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	672	<100
MW7	12/14/10	313	0.892	1.1	ND	29.1	-	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW8	12/15/10	235	0.02218	0.0652	ND	ND	-	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW15	12/15/10	417	0.0233	0.131	ND	ND	-	-	<0.001	1.2	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
March 2011[3]																		
MW5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW6	03/23/11	334	ND	0.803	1.03	40.4	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW7	03/21/11	306	2.96	1.55	ND	38.4	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW8	03/21/11	278	0.0332	0.102	0.317	29.9	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	226	<500	<100
MW15	03/21/11	596	0.0164	0.0353	ND	5.32	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	7,820	<500	379
June 2011[3]																		
MW5	06/08/11	150	2.95	0.279	ND	1.77	<0.0005	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW6	06/09/11	334	ND	0.951	0.854	35.2	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW7	06/07/11	319	2.41	1.36	ND	40	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW8	06/07/11	257	ND	0.139	0.675	28.8	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<100	<500	<100
MW15	06/07/11	633	0.213	0.0192	ND	95.6	<0.00005	-	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	4,450	7,840	438

Notes:

[1]Chemical analyses conducted by Anatek Labs, Inc. of Spokane, Washington.
[2]Sampling completed by GeoEngineers, Inc.
[3]Sampling completed by Washington State Department of Ecology
[4]Alkalinity was analyzed using SM2320B.
[5]Dissolved iron and dissolved manganese were analyzed using EPA Method 200.8.
[6]NO3/N and sulfate were analyzed using EPA Method 300.0.
[7]EDB was analyzed using...
[8]Methane was analyzed using RSK 175 MOD.
[9]Benzene, ethylbenzene, m+p-xylene, methyl-t-butyl ether (MTBE), naphthalene, o-xylene and toluene were analyzed using EPA Method 8260B for samples from MW-1 through MW-18, and EPA Method 8021 for samples from DP-1 through DP-8.
[10]Diesel- and lube oil-range petroleum hydrocarbons were analyzed using NWTPHDX.
[11]Gasoline-range petroleum hydrocarbons were analyzed using NWTPHG.
[12]Washington State, Model Toxics Control Act (MTCA) Method A cleanup level for total xylenes is 1,000 µg/L
[13]Gasoline-range petroleum hydrocarbons cleanup level is 1,000 µg/l if benzene is not present; 800 µg/l if benzene is present.
mg/l = milligrams per liter; µg/l = micrograms per liter; '-' = not tested; ND = not detected

Table 3

Summary of Chemical Analytical Results from Direct-Push Explorations - Groundwater (TPH, Lead and VOCs)[1]

Roby's Station
Buena, Washington

Analyte Group	Analyte	Unit	MTCA[7] A Cleanup Level	Sample Name Sample Date Sample Time	DP-23-111511 11/15/2011 12:10 PM	DP-26-111511 11/15/2011 1:55 PM	DP-33-111611 11/16/2011 11:15 AM	DP-34-111611 11/16/2011 12:10 PM	DP-37-111611 11/16/2011 2:20 PM
TPH[2]	Gasoline-range hydrocarbons	mg/l	1		**2.6**	**0.461**	**6.72**	0.1 U	0.1 U
TPH[3]	Diesel-range hydrocarbons	mg/l	0.5		**0.289**	**0.356**	**2.27**	0.238 U	0.237 U
TPH[3]	Heavy Oil-Range Hydrocarbons	mg/l	0.5		0.476 U	0.474 U	0.476 U	0.476 U	0.474 U
METALS[4]	Lead	µg/l	15		30 U	30 U	**1820**	30 U	30 U
VOC[5]	1,1,1,2-Tetrachloroethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,1,1-Trichloroethane	µg/l	200		10 U	1 U	10 U	1 U	1 U
VOC[5]	1,1,2,2-Tetrachloroethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,1,2-Trichloroethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,1-Dichloroethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,1-Dichloroethene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,1-Dichloropropene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,2,3-Trichlorobenzene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,2,3-Trichloropropane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,2,4-Trichlorobenzene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,2,4-Trimethylbenzene	µg/l			**132**	**75.9**	**988**	1 U	1 U
VOC[5]	1,2-Dibromo-3-Chloropropane	µg/l			0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VOC[6]	1,2-dibromoethane (EDB)	µg/l	0.01		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VOC[5]	1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,2-Dichloroethane (EDC)	µg/l	5		10 U	1 U	10 U	1 U	1 U
VOC[5]	1,2-Dichloropropane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,3,5-Trimethylbenzene	µg/l			**10.9**	1 U	**269**	1 U	1 U
VOC[5]	1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,3-Dichloropropane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	2,2-Dichloropropane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	2-Butanone, 4-(Acetyloxy)-	µg/l			100 U	10 U	100 U	10 U	10 U
VOC[5]	2-Chlorotoluene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	2-Hexanone	µg/l			100 U	10 U	100 U	10 U	10 U
VOC[5]	4-Chlorotoluene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Acetone	µg/l			250 U	25 U	250 U	25 U	25 U
VOC[5]	Benzene	µg/l	5		**40.6**	**38.8**	**2.8**	0.2 U	0.2 U

Analyte Group	Analyte	Unit	MTCA[7] A Cleanup Level	Sample Name Sample Date Sample Time	DP-23-111511 11/15/2011 12:10 PM	DP-26-111511 11/15/2011 1:55 PM	DP-33-111611 11/16/2011 11:15 AM	DP-34-111611 11/16/2011 12:10 PM	DP-37-111611 11/16/2011 2:20 PM
VOC[5]	Bromobenzene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Bromochloromethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Bromodichloromethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Bromoform (Tribromomethane)	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Bromomethane	µg/l			50 U	5 U	50 U	5 U	5 U
VOC[5]	Butane, 2-methoxy-2-methyl-	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Carbon Disulfide	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Carbon Tetrachloride	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Chlorobenzene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Chloroethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Chloroform	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Chloromethane	µg/l			30 U	3 U	30 U	3 U	3 U
VOC[5]	Cis-1,2-Dichloroethene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Cis-1,3-Dichloropropene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Dibromochloromethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Dibromomethane	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Dichlorodifluoromethane (CFC-12)	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Ethylbenzene	µg/l	700		10 U	**1.01**	**242**	1 U	1 U
VOC[5]	Hexachlorobutadiene	µg/l			20 U	2 U	20 U	2 U	2 U
VOC[5]	Isopropylbenzene (Cumene)	µg/l			10 U	**6.97**	**34**	1 U	1 U
VOC[5]	Methyl t-butyl ether	µg/l	20		10 U	1 U	10 U	1 U	1 U
VOC[5]	Methylene Chloride	µg/l	5		100 U	10 U	100 U	10 U	10 U
VOC[5]	Naphthalene	µg/l	160		20 U	**7.93**	**88.9**	2 U	2 U
VOC[5]	n-Butylbenzene	µg/l			10 U	1 U	**30.3**	1 U	1 U
VOC[5]	n-Propylbenzene	µg/l			**14.8**	**8.5**	**141**	1 U	1 U
VOC[5]	Phenol, 2-bromo-	µg/l			100 U	10 U	100 U	10 U	10 U
VOC[5]	p-Isopropyltoluene	µg/l			10 U	**1.49**	10 U	1 U	1 U
VOC[5]	Sec-Butylbenzene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Styrene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Tetrachloroethene	µg/l	5		10 U	1 U	10 U	1 U	1 U
VOC[5]	Toluene	µg/l	1000		10 U	**1.35**	10 U	1 U	1 U
VOC[5]	Trans-1,2-Dichloroethene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Trans-1,3-Dichloropropene	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Trichloroethene (TCE)	µg/l	5		10 U	1 U	10 U	1 U	1 U
VOC[5]	Trichlorofluoromethane (CFC-11)	µg/l			10 U	1 U	10 U	1 U	1 U
VOC[5]	Vinyl Chloride	µg/l	0.2		2 U	0.2 U	2 U	0.2 U	0.2 U
VOC[5]	Xylene, m-,p-	µg/l			**55.4**	**21.3**	**830**	2 U	2 U

Analyte Group	Analyte	Unit	MTCA[7] A Cleanup Level	Sample Name Sample Date Sample Time	DP-23-111511 11/15/2011 12:10 PM	DP-26-111511 11/15/2011 1:55 PM	DP-33-111611 11/16/2011 11:15 AM	DP-34-111611 11/16/2011 12:10 PM	DP-37-111611 11/16/2011 2:20 PM
VOC[5]	Xylene, o-	µg/l			10 U	1 U	**190**	1 U	1 U

Notes:

[1]Chemical analyses conducted by TestAmerica Laboratory in Spokane, Washington.

[2]Gasoline-range hydrocarbons were analyzed using NWTPH-Gx.

[3]Diesel-range hydrocarbons and lube oil-range hydrocarbons were analyzed using NWTPH-Dx.

[4]Lead was analyzed using EPA 6010/7000 Series Methods.

[5]Volatile organic compounds (VOC) were analyzed using EPA 8260B Methods.

[6]1-2-dibromoethane (EDB) was analyzed using EPA 8011 Method.

[7]Wasington State, Model Toxics Control Act (MTCA) Method A cleanup levels

U indicates analyte was not detected at the reporting limit shown on summary table.

Bold Value indicates detection greater than reporting limit; mg/L = milligram per liter; µg/L = microgram per liter

Shading indicates non-detected value was greater than cleanup level

Outline indicates value was greater than cleanup level

https://projects.geoengineers.com/sites/0050406002/Draft/DraftDataTables/[0504-060-02 Tables.xlsx]Table 3

Table 4

Summary of Chemical Analytical Results form Direct-Push Explorations - Groundwater (Semivolatiles)[1]

Roby's Station
Buena, Washington

Analyte Group	Analyte	Unit	MTCA[4] A Screening Level	Sample Name Sample Date Sample Time	DP-23-111511 11/15/2011 12:10:00 PM	DP-26-111511 11/15/2011 1:55:00 PM	DP-33-111611 11/16/2011 11:15:00 AM	DP-34-111611 11/16/2011 12:10:00 PM	DP-37-111611 11/16/2011 2:20:00 PM
SVOC[2]	1,2,4-Trichlorobenzene	µg/l			--	4.72 U	--	--	--
SVOC[2]	1,2-dibromoethane (EDB)	µg/l	0.01		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
SVOC[2]	1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/l			--	4.72 U	--	--	--
SVOC[2]	1,2-Dichloroethane (EDC)	µg/l	5		10 U	1 U	10 U	1 U	1 U
SVOC[2]	1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/l			--	4.72 U	--	--	--
SVOC[2]	1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/l			--	4.72 U	--	--	--
SVOC[2]	2,2'-Oxybis[1-chloropropane]	µg/l			--	9.43 U	--	--	--
SVOC[2]	2,4,5-Trichlorophenol	µg/l			--	4.72 U	--	--	--
SVOC[2]	2,4,6-Trichlorophenol	µg/l			--	4.72 U	--	--	--
SVOC[2]	2,4-Dichlorophenol	µg/l			--	4.72 U	--	--	--
SVOC[2]	2,4-Dimethylphenol	µg/l			--	9.43 U	--	--	--
SVOC[2]	2,4-Dinitrophenol	µg/l			--	23.6 U	--	--	--
SVOC[2]	2,4-Dinitrotoluene	µg/l			--	4.72 U	--	--	--
SVOC[2]	2,6-Dinitrotoluene	µg/l			--	4.72 U	--	--	--
SVOC[2]	2-Butanone (MEK)	µg/l			--	4.72 U	--	--	--
SVOC[2]	2-Chloronaphthalene	µg/l			--	4.72 U	--	--	--
SVOC[2]	2-Chlorophenol	µg/l			--	4.72 U	--	--	--
SVOC[2]	2-Methylnaphthalene	µg/l			--	4.72 U	--	--	--
SVOC[2]	2-Nitroaniline	µg/l			--	4.72 U	--	--	--
SVOC[2]	2-Nitrophenol	µg/l			--	4.72 U	--	--	--
SVOC[2]	3-Nitroaniline	µg/l			--	9.43 U	--	--	--
SVOC[2]	4,6-Dinitro-2-Methylphenol	µg/l			--	9.43 U	--	--	--
SVOC[2]	4-Bromophenyl phenyl ether	µg/l			--	4.72 U	--	--	--
SVOC[2]	4-Chloro-3-Methylphenol	µg/l			--	4.72 U	--	--	--
SVOC[2]	4-Chloroaniline	µg/l			--	18.9 U	--	--	--
SVOC[2]	4-Chlorophenyl-Phenylether	µg/l			--	4.72 U	--	--	--
SVOC[2]	4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/l			--	4.72 U	--	--	--
SVOC[2]	4-Nitroaniline	µg/l			--	9.43 U	--	--	--
SVOC[2]	4-Nitrophenol (p-Nitrophenol)	µg/l			--	23.6 U	--	--	--
SVOC[2]	Acenaphthene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Acenaphthylene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Anthracene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Benzo(a)anthracene	µg/l			--	4.72 U	--	--	--

Analyte Group	Analyte	Unit	MTCA[4] A Screening Level	Sample Name Sample Date Sample Time	DP-23-111511 11/15/2011 12:10:00 PM	DP-26-111511 11/15/2011 1:55:00 PM	DP-33-111611 11/16/2011 11:15:00 AM	DP-34-111611 11/16/2011 12:10:00 PM	DP-37-111611 11/16/2011 2:20:00 PM
SVOC[2]	Benzo(b)fluoranthene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Benzo(ghi)perylene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Benzo(k)fluoranthene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Benzoic Acid	µg/l			--	47.2 U	--	--	--
SVOC[2]	Benzyl Alcohol	µg/l			--	9.43 U	--	--	--
SVOC[2]	Bis(2-Chloroethoxy)Methane	µg/l			--	9.43 U	--	--	--
SVOC[2]	Bis(2-Chloroethyl)Ether	µg/l			--	4.72 U	--	--	--
SVOC[2]	Bis(2-Ethylhexyl) Phthalate	µg/l			--	9.43 U	--	--	--
SVOC[2]	Butyl benzyl phthalate	µg/l			--	4.72 U	--	--	--
SVOC[2]	Chrysene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Dibenzo(a,h)anthracene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Dibenzofuran	µg/l			--	4.72 U	--	--	--
SVOC[2]	Dibutyl phthalate	µg/l			--	4.72 U	--	--	--
SVOC[2]	Diethyl phthalate	µg/l			--	4.72 U	--	--	--
SVOC[2]	Dimethyl phthalate	µg/l			--	4.72 U	--	--	--
SVOC[2]	Di-N-Octyl Phthalate	µg/l			--	4.72 U	--	--	--
SVOC[2]	Fluoranthene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Fluorene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Hexachlorobenzene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Hexachlorobutadiene	µg/l			--	9.43 U	--	--	--
SVOC[2]	Hexachlorocyclopentadiene	µg/l			--	9.43 U	--	--	--
SVOC[2]	Hexachloroethane	µg/l			--	9.43 U	--	--	--
SVOC[2]	Indeno(1,2,3-cd)pyrene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Isophorone	µg/l			--	4.72 U	--	--	--
SVOC[2]	Naphthalene	µg/l	160		--	**6.92**	--	--	--
SVOC[2]	Nitrobenzene	µg/l			--	4.72 U	--	--	--
SVOC[2]	N-Nitrosodi-n-propylamine	µg/l			--	9.43 U	--	--	--
SVOC[2]	N-Nitrosodiphenylamine	µg/l			--	4.72 U	--	--	--
SVOC[2]	o-Cresol (2-methylphenol)	µg/l			--	9.43 U	--	--	--
SVOC[2]	Pentachlorophenol	µg/l			--	9.43 U	--	--	--
SVOC[2]	Phenanthrene	µg/l			--	4.72 U	--	--	--
SVOC[2]	Phenol	µg/l			--	4.72 U	--	--	--
SVOC[2]	Pyrene	µg/l			--	4.72 U	--	--	--
PCB Aroclors[3]	PCB-aroclor 1016	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U
PCB Aroclors[3]	PCB-aroclor 1221	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U
PCB Aroclors[3]	PCB-aroclor 1232	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U
PCB Aroclors[3]	PCB-aroclor 1242	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U
PCB Aroclors[3]	PCB-aroclor 1248	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U
PCB Aroclors[3]	PCB-aroclor 1254	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U

Analyte Group	Analyte	Unit	MTCA[4] A Screening Level	Sample Name Sample Date Sample Time	DP-23-111511 11/15/2011 12:10:00 PM	DP-26-111511 11/15/2011 1:55:00 PM	DP-33-111611 11/16/2011 11:15:00 AM	DP-34-111611 11/16/2011 12:10:00 PM	DP-37-111611 11/16/2011 2:20:00 PM
PCB Aroclors[3]	PCB-aroclor 1260	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U
PCB Aroclors[3]	PCB-aroclor 1268	µg/l			0.118 U	0.263 U	--	0.108 U	0.107 U

Notes:

[1]Chemical analyses conducted by TestAmerica Laboratory in Spokane, Washington.

[2]Semivolatile organic compounds (SVOC) were analyzed using EPA 8270C method.

[3]Polychlorinated biphenyls (PCB) were analyzed using EPA 80802 Method.

[4]Washington State, Model Toxics Control Act (MTCA) Method A cleanup levels.

U indicates analyte was not detected at the reporting limit shown on the summary table.

Bold Value indicates detection greater than reporting limit; µg/L = microgram per liter

Shading indicates non-detected value was greater than cleanup level

Outline indicates value was greater than cleanup level

https://projects.geoengineers.com/sites/0050406002/Draft/DraftDataTables/[0504-060-02 Tables.xlsx]Table 4

Table 5

Summary of Chemical Analytical Results from Direct-Push Explorations - Soil (TPH, Lead and VOCs)[1]

Roby's Station
Buena, Washington

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-21-4.0-111511 11/15/2011 10:35 AM 4 feet	DP-23-2.5-111511 11/15/2011 11:25 AM 2.5 feet	DP-24-7.0-111511 11/15/2011 12:25 PM 7 feet	DP-25-2.5-111511 11/15/2011 12:35 PM 2.5 feet	DP-25-6.0-111511 11/15/2011 12:40 PM 6 feet	DP-26-2.5-111511 11/15/2011 1:15 PM 2.5 feet	DP-26-8.0-111511 11/15/2011 1:25 PM 8 feet
TPH[2]	Gasoline-Range Hydrocarbons	mg/kg	100		**18.5**	**1540**	**453**	6.33 U	**612**	7.99 U	**22.4**
TPH[3]	Diesel-range hydrocarbons	mg/kg	2000		13.2 U	**8380**	**21.5**	11.4 U	**113**	12.7 U	**168**
TPH[3]	Heavy Oil-Range Hydrocarbons	mg/kg	2000		32.9 U	**21400**	50.1 U	28.5 U	**56.1**	31.7 U	62.3 U
METALS[4]	Lead	mg/kg	250		**3.03**	**1270**	**7.91**	**4.5**	**4.43**	**4.62**	**16.2**
METALS[4]	TCLP Lead	mg/L	5		--	**0.0788**	--	--	--	--	--
VOC[5]	1,1,1,2-Tetrachloroethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,1,1-Trichloroethane	mg/kg	2		0.277 U	2.84 U*	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,1,2,2-Tetrachloroethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,1,2-Trichloroethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,1-Dichloroethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,1-Dichloroethene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,1-Dichloropropene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,2,3-Trichlorobenzene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,2,3-Trichloropropane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,2,4-Trichlorobenzene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,2,4-Trimethylbenzene	mg/kg	--		**3.11**	**44.1**	**17.9**	0.127 U	**5.1**	**0.333**	**0.61**
VOC[5]	1,2-Dibromo-3-Chloropropane	mg/kg	--		0.00116 U	0.00108	0.00153 U	0.00112 U	0.00118 U	0.00125 U	0.00136 U
VOC[6]	1,2-dibromoethane (EDB)	mg/kg	0.005		0.00116 U	0.00102 U	0.00153 U	0.00112 U	0.00118 U	0.00125 U	0.00136 U
VOC[5]	1,2-Dichlorobenzene (o-Dichlorobenzene)	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,2-Dichloroethane (EDC)	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,2-Dichloropropane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,3,5-Trimethylbenzene	mg/kg	--		0.0888 J	**27.5**	**9.14**	0.127 U	**0.281**	0.0480 J	0.0470 J
VOC[5]	1,3-Dichlorobenzene (m-Dichlorobenzene)	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,3-Dichloropropane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	1,4-Dichlorobenzene (p-Dichlorobenzene)	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	2,2-Dichloropropane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	2-Butanone, 4-(Acetyloxy)-	mg/kg	--		2.77 U	28.4 U	**6.12**	1.27 U	**6.83**	**1.87**	1.52 U
VOC[5]	2-Chlorotoluene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	2-Hexanone	mg/kg	--		2.77 U	28.4 U	4.57 U	1.27 U	1.34 U	1.6 U	1.52 U
VOC[5]	4-Chlorotoluene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Acetone	mg/kg	--		5.55 U	56.8 U	**9.36**	2.53 U	2.68 U	3.2 U	3.03 U
VOC[5]	Benzene	mg/kg	0.03		**0.175**	0.568 U	**1.57**	0.0253 U	**0.0803**	0.032 U*	**0.0516**
VOC[5]	Bromobenzene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Bromochloromethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Bromodichloromethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Bromoform (Tribromomethane)	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Bromomethane	mg/kg	--		1.39 U	14.2 U	2.29 U	0.633 U	0.669 U	0.799 U	0.758 U
VOC[5]	Butane, 2-methoxy-2-methyl-	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Carbon Disulfide	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Carbon Tetrachloride	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Chlorobenzene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-21-4.0-111511 11/15/2011 10:35 AM 4 feet	DP-23-2.5-111511 11/15/2011 11:25 AM 2.5 feet	DP-24-7.0-111511 11/15/2011 12:25 PM 7 feet	DP-25-2.5-111511 11/15/2011 12:35 PM 2.5 feet	DP-25-6.0-111511 11/15/2011 12:40 PM 6 feet	DP-26-2.5-111511 11/15/2011 1:15 PM 2.5 feet	DP-26-8.0-111511 11/15/2011 1:25 PM 8 feet
VOC[5]	Chloroethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Chloroform	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.0549 J	0.16 U	0.152 U
VOC[5]	Chloromethane	mg/kg	--		1.39 U	14.2 U	2.29 U	0.633 U	0.669 U	0.799 U	0.758 U
VOC[5]	Cis-1,2-Dichloroethene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Cis-1,3-Dichloropropene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Dibromochloromethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Dibromomethane	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Dichlorodifluoromethane (CFC-12)	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Ethylbenzene	mg/kg	6		**1.54**	**6.48**	**10.3**	0.127 U	**0.343**	0.0368 J	0.152 U
VOC[5]	Hexachlorobutadiene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Isopropylbenzene (Cumene)	mg/kg	--		0.155 J	2.42 J	**2.9**	0.127 U	**0.518**	0.0608 J	0.0819 J
VOC[5]	Methyl t-butyl ether	mg/kg	0.1		0.277 U*	2.84 U	0.457 U*	0.127 U*	0.134 U*	0.16 U*	0.152 U*
VOC[5]	Methylene Chloride	mg/kg	0.02		2.77 U	28.4 U	4.57 U	1.27 U	1.34 U	1.6 U	1.52 U
VOC[5]	Naphthalene	mg/kg	5		**1.29**	**46.2**	**11.5**	0.253 U	**0.731**	0.32 U	**0.171 J**
VOC[5]	n-Butylbenzene	mg/kg	--		0.216 J	**10.9**	**2.86**	0.127 U	**0.605**	0.0592 J	**0.0637 J**
VOC[5]	n-Propylbenzene	mg/kg	--		**0.372**	**10.9**	**5.84**	0.127 U	**1**	0.0895 J	**0.126 J**
VOC[5]	Phenol, 2-bromo-	mg/kg	--		2.77 U	28.4 U	**10.6**	1.27 U	**1.85**	1.6 U	1.52 U
VOC[5]	p-Isopropyltoluene	mg/kg	--		0.0888 J	**3.35**	**2.48**	0.127 U	**1.11**	0.0927 J	**0.0576 J**
VOC[5]	Sec-Butylbenzene	mg/kg	--		0.277 U	**3.07**	**1.39**	0.127 U	**0.61**	0.0640 J	**0.0561 J**
VOC[5]	Styrene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Tetrachloroethene (PCE)	mg/kg	0.05		0.139 U*	1.42 U	0.229 U*	0.0633 U*	0.0669 U*	0.0799 U*	0.0758 U*
VOC[5]	Toluene	mg/kg	7		0.0527 J	2.36 J	**0.563**	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Trans-1,2-Dichloroethene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Trans-1,3-Dichloropropene	mg/kg	--		0.277 U	2.84 U	0.457 U	0.127 U	0.134 U	0.16 U	0.152 U
VOC[5]	Trichloroethene (TCE)	mg/kg	0.03		0.0693 U	0.597 J	0.114 U	0.0317 U*	0.0335 U*	0.04 U	0.0379 U
VOC[5]	Trichlorofluoromethane (CFC-11)	mg/kg	--		0.0832 U	0.852 U	0.137 U	0.038 U	0.0401 U	0.048 U	0.0455 U
VOC[5]	Vinyl Chloride	mg/kg	--		0.166 U	1.7 U	0.274 U	0.076 U	0.0803 U	0.0959 U	0.091 U
VOC[5]	Xylene, m-,p-	mg/kg	--		**1.98**	**14.3**	**18.8**	0.507 U	0.527 J	0.0416 J	**0.0865 J**
VOC[5]	Xylene, o-	mg/kg	--		0.0666 J	**18.8**	**1.33**	0.253 U	0.0776 J	0.32 U	0.303 U
EPH[7]	Extractable Petroleum Hydrocarbons, >C10-C12 Aliphatics	mg/kg	--		--	**102**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C10-C12 Aromatics	mg/kg	--		--	**54.2**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C12-C16 Aliphatics	mg/kg	--		--	**198**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C12-C16 Aromatics	mg/kg	--		--	**93**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C16-C21 Aliphatics	mg/kg	--		--	**361**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C16-C21 Aromatics	mg/kg	--		--	**121**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C21-C34 Aliphatics	mg/kg	--		--	**4580**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C21-C34 Aromatics	mg/kg	--		--	**449**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, C8-C10 Aliphatics	mg/kg	--		--	**67.5**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, C8-C10 Aromatics	mg/kg	--		--	**21.4**	--	--	--	--	--
VPH[8]	Benzene	mg/kg	0.03		--	**0.0903**	--	--	--	--	--
VPH[8]	Ethylbenzene	mg/kg	6		--	**10.7**	--	--	--	--	--
VPH[8]	Toluene	mg/kg	7		--	**3.22**	--	--	--	--	--
VPH[8]	Total Xylenes	mg/kg	9		--	**40.8**	--	--	--	--	--
VPH[8]	Methyl t-butyl ether	mg/kg	0.1		--	0.672 U	--	--	--	--	--
VPH[8]	Naphthalene	mg/kg	5		--	**51.9**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C10-C12 Aliphatics	mg/kg	--		--	**713**	--	--	--	--	--

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-21-4.0-111511 11/15/2011 10:35 AM 4 feet	DP-23-2.5-111511 11/15/2011 11:25 AM 2.5 feet	DP-24-7.0-111511 11/15/2011 12:25 PM 7 feet	DP-25-2.5-111511 11/15/2011 12:35 PM 2.5 feet	DP-25-6.0-111511 11/15/2011 12:40 PM 6 feet	DP-26-2.5-111511 11/15/2011 1:15 PM 2.5 feet	DP-26-8.0-111511 11/15/2011 1:25 PM 8 feet
VPH[8]	Volatile Petroleum Hydrocarbons, >C10-C12 Aromatics	mg/kg	--		--	**791**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C12-C13 Aromatics	mg/kg	--		--	**358**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C6-C8 Aliphatics	mg/kg	--		--	**7.7**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C8-C10 Aliphatics	mg/kg	--		--	**182**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C8-C10 Aromatics	mg/kg	--		--	**267**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, C5-C6 Aliphatics	mg/kg	--		--	6.72 U	--	--	--	--	--

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-27-6.0-111511 11/15/2011 2:20 PM 6 feet	DP-27-9.0-111511 11/15/2011 2:25 PM 9 feet	DP-28-7.0-111511 11/15/2011 2:35 PM 7 feet	DP-28-9.0-111511 11/15/2011 2:40 PM 9 feet	DP-29-2.5-111611 11/16/2011 8:05 AM 2.5 feet	DP-29-8.0-111611 11/16/2011 8:10 AM 8 feet	DP-30-4.0-111611 11/16/2011 8:55 AM 4 feet	DP-31-10.0-111611 11/16/2011 9:20 AM 10 feet
TPH[2]	Gasoline-Range Hydrocarbons	mg/kg	100		**256**	**15.3**	**186**	**18.1**	**21.3**	**288**	**143**	9.07 U
TPH[3]	Diesel-range hydrocarbons	mg/kg	2000		**129**	14.5 U	20.7 U	13.6 U	12.8 U	**24.2**	**49.4**	14.9 U
TPH[3]	Heavy Oil-Range Hydrocarbons	mg/kg	2000		**52.6**	36.3 U	51.8 U	34.1 U	31.9 U	31.3 U	32.7 U	37.3 U
METALS[4]	Lead	mg/kg	250		**6.29**	2.18 U	2.19 U	2.04 U	**2.94**	1.88 U	**3.93**	2.24 U
METALS[4]	TCLP	mg/kg	--		--	--	--	--	--	--	--	--
VOC[5]	1,1,1,2-Tetrachloroethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,1,1-Trichloroethane	mg/kg	2		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,1,2,2-Tetrachloroethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,1,2-Trichloroethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,1-Dichloroethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,1-Dichloroethene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,1-Dichloropropene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,2,3-Trichlorobenzene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,2,3-Trichloropropane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,2,4-Trichlorobenzene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,2,4-Trimethylbenzene	mg/kg	--		**4.3**	**1.1**	**7.58**	**1.48**	**2.07**	**7.11 E**	**6.71**	0.0653 J
VOC[5]	1,2-Dibromo-3-Chloropropane	mg/kg	--		0.00129 U	0.00143 U	0.00145 U	0.00134 U	0.00128 U	0.00124 U	0.0013 U	0.907 U
VOC[6]	1,2-dibromoethane (EDB)	mg/kg	0.005		0.00129 U	0.00143 U	0.00145 U	0.00134 U	0.00128 U	0.00124 U	0.0013 U	0.181 U
VOC[5]	1,2-Dichlorobenzene (o-Dichlorobenzene)	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,2-Dichloroethane (EDC)	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,2-Dichloropropane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,3,5-Trimethylbenzene	mg/kg	--		**0.935**	0.0511 J	0.360 J	0.0468 J	0.102 J	0.121 J	**0.502**	0.181 U
VOC[5]	1,3-Dichlorobenzene (m-Dichlorobenzene)	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,3-Dichloropropane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	1,4-Dichlorobenzene (p-Dichlorobenzene)	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	2,2-Dichloropropane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	2-Butanone, 4-(Acetyloxy)-	mg/kg	--		3.23 U	1.89 U	3.91 U	1.46 U	1.42 U	**2.84**	1.5 U	1.81 U
VOC[5]	2-Chlorotoluene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	2-Hexanone	mg/kg	--		3.23 U	1.89 U	3.91 U	1.46 U	1.42 U	1.34 J	0.468 J	1.81 U
VOC[5]	4-Chlorotoluene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Acetone	mg/kg	--		6.45 U	3.79 U	7.83 U	2.92 U	2.83 U	**4.6**	**3.06**	3.63 U
VOC[5]	Benzene	mg/kg	0.03		**0.381**	**0.161**	**0.442**	**0.11**	**0.164**	**0.0461**	**0.702**	0.0363 U*
VOC[5]	Bromobenzene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Bromochloromethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Bromodichloromethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Bromoform (Tribromomethane)	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Bromomethane	mg/kg	--		1.61 U	0.947 U	1.96 U	0.731 U	0.708 U	0.698 U	0.752 U	0.907 U
VOC[5]	Butane, 2-methoxy-2-methyl-	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Carbon Disulfide	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Carbon Tetrachloride	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Chlorobenzene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-27-6.0-111511 11/15/2011 2:20 PM 6 feet	DP-27-9.0-111511 11/15/2011 2:25 PM 9 feet	DP-28-7.0-111511 11/15/2011 2:35 PM 7 feet	DP-28-9.0-111511 11/15/2011 2:40 PM 9 feet	DP-29-2.5-111611 11/16/2011 8:05 AM 2.5 feet	DP-29-8.0-111611 11/16/2011 8:10 AM 8 feet	DP-30-4.0-111611 11/16/2011 8:55 AM 4 feet	DP-31-10.0-111611 11/16/2011 9:20 AM 10 feet
VOC[5]	Chloroethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Chloroform	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Chloromethane	mg/kg	--		1.61 U	0.947 U	1.96 U	0.731 U	0.708 U	0.698 U	0.752 U	0.907 U
VOC[5]	Cis-1,2-Dichloroethene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Cis-1,3-Dichloropropene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Dibromochloromethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Dibromomethane	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Dichlorodifluoromethane (CFC-12)	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Ethylbenzene	mg/kg	6		**0.984**	0.0284 J	**0.673**	0.0424 J	**1.51**	**2.84**	**2.81**	0.0199 J
VOC[5]	Hexachlorobutadiene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Isopropylbenzene (Cumene)	mg/kg	--		0.142 J	0.142 J	**0.634**	**0.15**	0.0906 J	**0.377**	**0.393**	0.253 J
VOC[5]	Methyl t-butyl ether	mg/kg	0.1		0.323 U*	0.189 U*	0.391 U*	0.146 U*	0.142 U*	0.14 U*	0.15 U*	0.181 U*
VOC[5]	Methylene Chloride	mg/kg	0.02		3.23 U	1.89 U	3.91 U	1.46 U	1.42 U	1.4 U	1.5 U	1.81 U
VOC[5]	Naphthalene	mg/kg	5		**1.4**	0.224 J	**4.68**	**0.386**	**0.664**	**1.19**	**2.52**	0.363 U
VOC[5]	n-Butylbenzene	mg/kg	--		**0.332**	0.0871 J	**0.634**	0.117 J	0.0962 J	**0.452**	**0.37**	0.181 U
VOC[5]	n-Propylbenzene	mg/kg	--		**0.877**	**0.216**	**1.1**	**0.31**	**0.28**	**1.32**	**0.918**	0.181 U
VOC[5]	Phenol, 2-bromo-	mg/kg	--		3.23 U	1.89 U	3.91 U	1.46 U	1.42 U	**7.65**	**1.97**	1.81 U
VOC[5]	p-Isopropyltoluene	mg/kg	--		**0.468**	0.0852 J	**0.626**	0.102 J	0.0410 J	**0.144**	**0.229**	0.181 U
VOC[5]	Sec-Butylbenzene	mg/kg	--		0.313 J	0.0701 J	0.348 J	0.0672 J	0.142 U	**0.184**	**0.167**	0.181 U
VOC[5]	Styrene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Tetrachloroethene (PCE)	mg/kg	0.05		0.161 U*	0.0947 U*	0.196 U*	0.0731 U*	0.0708 U*	0.0698 U*	0.0752 U*	0.0907 U*
VOC[5]	Toluene	mg/kg	7		0.0387 J	0.189 U	0.391 U	0.146 U	0.0694 J	0.0628 J	**0.403**	0.181 U
VOC[5]	Trans-1,2-Dichloroethene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Trans-1,3-Dichloropropene	mg/kg	--		0.323 U	0.189 U	0.391 U	0.146 U	0.142 U	0.14 U	0.15 U	0.181 U
VOC[5]	Trichloroethene (TCE)	mg/kg	0.03		0.0806 U	0.0474 U	0.0978 U	0.0365 U*	0.0354 U*	0.0349 U*	0.0376 U*	0.0453 U
VOC[5]	Trichlorofluoromethane (CFC-11)	mg/kg	--		0.0968 U	0.0568 U	0.117 U	0.0438 U	0.0425 U	0.0419 U	0.0451 U	0.0544 U
VOC[5]	Vinyl Chloride	mg/kg	--		0.194 U	0.114 U	0.235 U	0.0877 U	0.0849 U	0.0838 U	0.0903 U	0.109 U
VOC[5]	Xylene, m-,p-	mg/kg	--		0.474 J	0.142 J	1.35 J	0.532 J	**1.96**	**2.68**	**3.72**	0.0363 J
VOC[5]	Xylene, o-	mg/kg	--		0.0968 J	0.379 U	0.783 U	0.292 U	0.117 J	0.0447 J	**0.567**	0.0236 J
EPH[7]	Extractable Petroleum Hydrocarbons, >C10-C12 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C10-C12 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C12-C16 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C12-C16 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C16-C21 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C16-C21 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C21-C34 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C21-C34 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, C8-C10 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, C8-C10 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
VPH[8]	Benzene	mg/kg	0.03		--	--	--	--	--	--	--	--
VPH[8]	Ethylbenzene	mg/kg	6		--	--	--	--	--	--	--	--
VPH[8]	Toluene	mg/kg	7		--	--	--	--	--	--	--	--
VPH[8]	Total Xylenes	mg/kg	9		--	--	--	--	--	--	--	--
VPH[8]	Methyl t-butyl ether	mg/kg	0.1		--	--	--	--	--	--	--	--
VPH[8]	Naphthalene	mg/kg	5		--	--	--	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C10-C12 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-27-6.0-111511 11/15/2011 2:20 PM 6 feet	DP-27-9.0-111511 11/15/2011 2:25 PM 9 feet	DP-28-7.0-111511 11/15/2011 2:35 PM 7 feet	DP-28-9.0-111511 11/15/2011 2:40 PM 9 feet	DP-29-2.5-111611 11/16/2011 8:05 AM 2.5 feet	DP-29-8.0-111611 11/16/2011 8:10 AM 8 feet	DP-30-4.0-111611 11/16/2011 8:55 AM 4 feet	DP-31-10.0-111611 11/16/2011 9:20 AM 10 feet
VPH[8]	Volatile Petroleum Hydrocarbons, >C10-C12 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C12-C13 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C6-C8 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C8-C10 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C8-C10 Aromatics	mg/kg	--		--	--	--	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, C5-C6 Aliphatics	mg/kg	--		--	--	--	--	--	--	--	--

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-31-7.0-111611 11/16/2011 9:15 AM 7ft	DP-32-4.0-111611 11/16/2011 9:50 AM 4 feet	DP-34-6.0-111611 11/16/2011 11:25 AM 6 feet	DP-35-4.0-111611 11/16/2011 12:25 PM 4 feet	DP-36-8.0-111611 11/16/2011 1:00 PM 8 feet	DP-37-4.0-111611 11/16/2011 1:15 PM 4 feet	DP-37-10.0-111611 11/16/2011 1:25 PM 10 feet
TPH[2]	Gasoline-Range Hydrocarbons	mg/kg	100		**130**	**52.9**	7 U	6.05 U	7.6 U	8.43 U	8.85 U
TPH[3]	Diesel-range hydrocarbons	mg/kg	2000		**1240**	**443**	13 U	**217**	13 U	13.1 U	14.4 U
TPH[3]	Heavy Oil-Range Hydrocarbons	mg/kg	2000		**124**	**2380**	32.5 U	**1060**	32.6 U	32.9 U	36 U
METALS[4]	Lead	mg/kg	250		**4.78**	**191**	--	**113**	**3.03**	**3.41**	2.16 U
METALS[4]	TCLP	mg/kg	--		--	--	--	--	--	--	--
VOC[5]	1,1,1,2-Tetrachloroethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,1,1-Trichloroethane	mg/kg	2		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,1,2,2-Tetrachloroethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,1,2-Trichloroethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,1-Dichloroethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.0448 J	0.152 U	0.169 U	0.177 U
VOC[5]	1,1-Dichloroethene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,1-Dichloropropene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,2,3-Trichlorobenzene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,2,3-Trichloropropane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,2,4-Trichlorobenzene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,2,4-Trimethylbenzene	mg/kg	--		**1.62**	**6.82 E**	0.0854 J	0.0629 J	0.0258 J	0.169 U	0.177 U
VOC[5]	1,2-Dibromo-3-Chloropropane	mg/kg	--		1.4 U	0.00109 U	0.00128 U	0.00112 U	0.0013 U	0.00129 U	0.00142 U
VOC[6]	1,2-dibromoethane (EDB)	mg/kg	0.005		0.281 U	0.00109 U	0.00128 U	0.00112 U	0.0013 U	0.00129 U	0.00142 U
VOC[5]	1,2-Dichlorobenzene (o-Dichlorobenzene)	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,2-Dichloroethane (EDC)	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,2-Dichloropropane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,3,5-Trimethylbenzene	mg/kg	--		0.0787 J	**2.16**	0.0448 J	0.0399 J	0.152 U	0.169 U	0.177 U
VOC[5]	1,3-Dichlorobenzene (m-Dichlorobenzene)	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,3-Dichloropropane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	1,4-Dichlorobenzene (p-Dichlorobenzene)	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	2,2-Dichloropropane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	2-Butanone, 4-(Acetyloxy)-	mg/kg	--		2.81 U	**1.5**	1.4 U	1.21 U	1.52 U	1.69 U	1.77 U
VOC[5]	2-Chlorotoluene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	2-Hexanone	mg/kg	--		2.81 U	0.940 J	1.4 U	1.21 U	1.52 U	1.69 U	1.77 U
VOC[5]	4-Chlorotoluene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Acetone	mg/kg	--		5.62 U	2.39 U	2.8 U	2.42 U	3.04 U	3.37 U	3.54 U
VOC[5]	Benzene	mg/kg	0.03		0.0562 U*	**0.136**	0.028 U	**0.0775**	0.0304 U*	0.0337 U*	0.0354 U*
VOC[5]	Bromobenzene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Bromochloromethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Bromodichloromethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Bromoform (Tribromomethane)	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Bromomethane	mg/kg	--		1.4 U	0.597 U	0.7 U	0.605 U	0.76 U	0.843 U	0.885 U
VOC[5]	Butane, 2-methoxy-2-methyl-	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Carbon Disulfide	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Carbon Tetrachloride	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Chlorobenzene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-31-7.0-111611 11/16/2011 9:15 AM 7ft	DP-32-4.0-111611 11/16/2011 9:50 AM 4 feet	DP-34-6.0-111611 11/16/2011 11:25 AM 6 feet	DP-35-4.0-111611 11/16/2011 12:25 PM 4 feet	DP-36-8.0-111611 11/16/2011 1:00 PM 8 feet	DP-37-4.0-111611 11/16/2011 1:15 PM 4 feet	DP-37-10.0-111611 11/16/2011 1:25 PM 10 feet
VOC[5]	Chloroethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Chloroform	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Chloromethane	mg/kg	--		1.4 U	0.597 U	0.7 U	0.605 U	0.76 U	0.843 U	0.885 U
VOC[5]	Cis-1,2-Dichloroethene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Cis-1,3-Dichloropropene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Dibromochloromethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Dibromomethane	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Dichlorodifluoromethane (CFC-12)	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Ethylbenzene	mg/kg	6		0.0478 J	**0.94**	0.14 U	0.0363 J	0.152 U	0.169 U	0.177 U
VOC[5]	Hexachlorobutadiene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Isopropylbenzene (Cumene)	mg/kg	--		0.253 J	**0.174**	0.14 U	0.121 U	0.0304 J	0.169 U	0.177 U
VOC[5]	Methyl t-butyl ether	mg/kg	0.1		0.281 U*	0.119 U*	0.14 U*	0.121 U*	0.152 U*	0.169 U*	0.177 U*
VOC[5]	Methylene Chloride	mg/kg	0.02		2.81 U	1.19 U	1.4 U	1.21 U	1.52 U	1.69 U	1.77 U
VOC[5]	Naphthalene	mg/kg	5		0.801	**1.81**	0.192 J	0.242 U	0.304 U	0.337 U	0.354 U
VOC[5]	n-Butylbenzene	mg/kg	--		0.559	**0.411**	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	n-Propylbenzene	mg/kg	--		0.458	**0.757**	0.14 U	0.0266 J	0.152 U	0.169 U	0.177 U
VOC[5]	Phenol, 2-bromo-	mg/kg	--		2.81 U	1.19 U	1.4 U	1.21 U	1.52 U	1.69 U	1.77 U
VOC[5]	p-Isopropyltoluene	mg/kg	--		0.281 U	0.107 J	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Sec-Butylbenzene	mg/kg	--		0.424	0.146	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Styrene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Tetrachloroethene (PCE)	mg/kg	0.05		0.14 U*	0.0597 U*	0.07 U*	0.0605 U*	0.076 U*	0.0843 U*	0.0885 U*
VOC[5]	Toluene	mg/kg	7		0.281 U	1.42	0.14 U	0.0787 J	0.152 U	0.169 U	0.177 U
VOC[5]	Trans-1,2-Dichloroethene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Trans-1,3-Dichloropropene	mg/kg	--		0.281 U	0.119 U	0.14 U	0.121 U	0.152 U	0.169 U	0.177 U
VOC[5]	Trichloroethene (TCE)	mg/kg	0.03		0.0702 U	0.0298 U	0.035 U*	**0.0508**	0.038 U	0.0421 U	0.0443 U
VOC[5]	Trichlorofluoromethane (CFC-11)	mg/kg	--		0.0843 U	0.0358 U	0.042 U	0.0363 U	0.0456 U	0.0506 U	0.0531 U
VOC[5]	Vinyl Chloride	mg/kg	--		0.169 U	0.0716 U	0.084 U	0.0726 U	0.0912 U	0.101 U	0.106 U
VOC[5]	Xylene, m-,p-	mg/kg	--		0.152 J	**4.64**	0.0378 J	0.122 J	0.608 U	0.674 U	0.708 U
VOC[5]	Xylene, o-	mg/kg	--		0.0534 J	**1.82**	0.0350 J	0.0508 J	0.304 U	0.337 U	0.354 U
EPH[7]	Extractable Petroleum Hydrocarbons, >C10-C12 Aliphatics	mg/kg	--		--	5.54 U	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C10-C12 Aromatics	mg/kg	--		--	5.54 U	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C12-C16 Aliphatics	mg/kg	--		--	5.54 U	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C12-C16 Aromatics	mg/kg	--		--	5.54 U	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C16-C21 Aliphatics	mg/kg	--		--	**13.5**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C16-C21 Aromatics	mg/kg	--		--	**14.7**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C21-C34 Aliphatics	mg/kg	--		--	**219**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, >C21-C34 Aromatics	mg/kg	--		--	**256**	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, C8-C10 Aliphatics	mg/kg	--		--	5.54 U	--	--	--	--	--
EPH[7]	Extractable Petroleum Hydrocarbons, C8-C10 Aromatics	mg/kg	--		--	5.54 U	--	--	--	--	--
VPH[8]	Benzene	mg/kg	0.03		--	**0.253**	--	--	--	--	--
VPH[8]	Ethylbenzene	mg/kg	6		--	**0.754**	--	--	--	--	--
VPH[8]	Toluene	mg/kg	7		--	**1.46**	--	--	--	--	--
VPH[8]	Total Xylenes	mg/kg	9		--	**5.59**	--	--	--	--	--
VPH[8]	Methyl t-butyl ether	mg/kg	0.1		--	0.545 U	--	--	--	--	--
VPH[8]	Naphthalene	mg/kg	5		--	**1.56**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C10-C12 Aliphatics	mg/kg	--		--	**26.1**	--	--	--	--	--

Analyte Group	Analyte	Unit	MTCA[9] A ULU Screening Level	Sample Name Sample Date and Time Depth	DP-31-7.0-111611 11/16/2011 9:15 AM 7ft	DP-32-4.0-111611 11/16/2011 9:50 AM 4 feet	DP-34-6.0-111611 11/16/2011 11:25 AM 6 feet	DP-35-4.0-111611 11/16/2011 12:25 PM 4 feet	DP-36-8.0-111611 11/16/2011 1:00 PM 8 feet	DP-37-4.0-111611 11/16/2011 1:15 PM 4 feet	DP-37-10.0-111611 11/16/2011 1:25 PM 10 feet
VPH[8]	Volatile Petroleum Hydrocarbons, >C10-C12 Aromatics	mg/kg	--		--	**38**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C12-C13 Aromatics	mg/kg	--		--	**6.37**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C6-C8 Aliphatics	mg/kg	--		--	5.45 U	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C8-C10 Aliphatics	mg/kg	--		--	**9.99**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, >C8-C10 Aromatics	mg/kg	--		--	**16.4**	--	--	--	--	--
VPH[8]	Volatile Petroleum Hydrocarbons, C5-C6 Aliphatics	mg/kg	--		--	5.45 U	--	--	--	--	--

Notes:

[1]Chemical analyses conducted by TestAmerica Laboratory in Spokane, Washington.

[2]Gasoline-range hydrocarbons were analyzed using NWTPH-Gx.

[3]Diesel- and lube oil-range hydrocarbons were analyzed using NWTPH-Dx.

[4]Lead was analyzed using EPA 6010/7000 Series Method. TCLP lead was analyzed using....

[5]Volatile organic compounds (VOC) were analyzed using EPA8260B Method.

[6]1, 2-dibromoethane (EDB) was analyzed using EPA 8011 Method

[7]Extractable petroleum hydrocarbons (EPH) were analyzed using NWTPH-EPH Methods.

[8]Volatile petroleum hydrocarbons (VPH) were analyzed using NWTPH-VPH Methods.

[9]Washington State, Model Toxecs Control Act (MTCA) Method A cleanup levels for unrestricted land use.

U indicates analyte was not detected at the reporting limit shown on the summary table.

J indicates analyte was detected at a concentration between the reporting limit and the method detectin limit, value is approximate

E indicates the analyte was detected at a concentration that exceeds the calibration range; value is semi-quantitative

Bold Value indicates detection greater than reporting limit; mg/kg = milligram per kilogram; mg/L = milligrams per liter

Shading indicates non-detected reporting limit was greater than cleanup level; *indicates detection limit was less than cleanup level

Outline indicates value was greater than cleanup level

Table 6

Summary of Chemical Analytical Results from Direct-Push Explorations - Soil (Semivolatiles)[1]

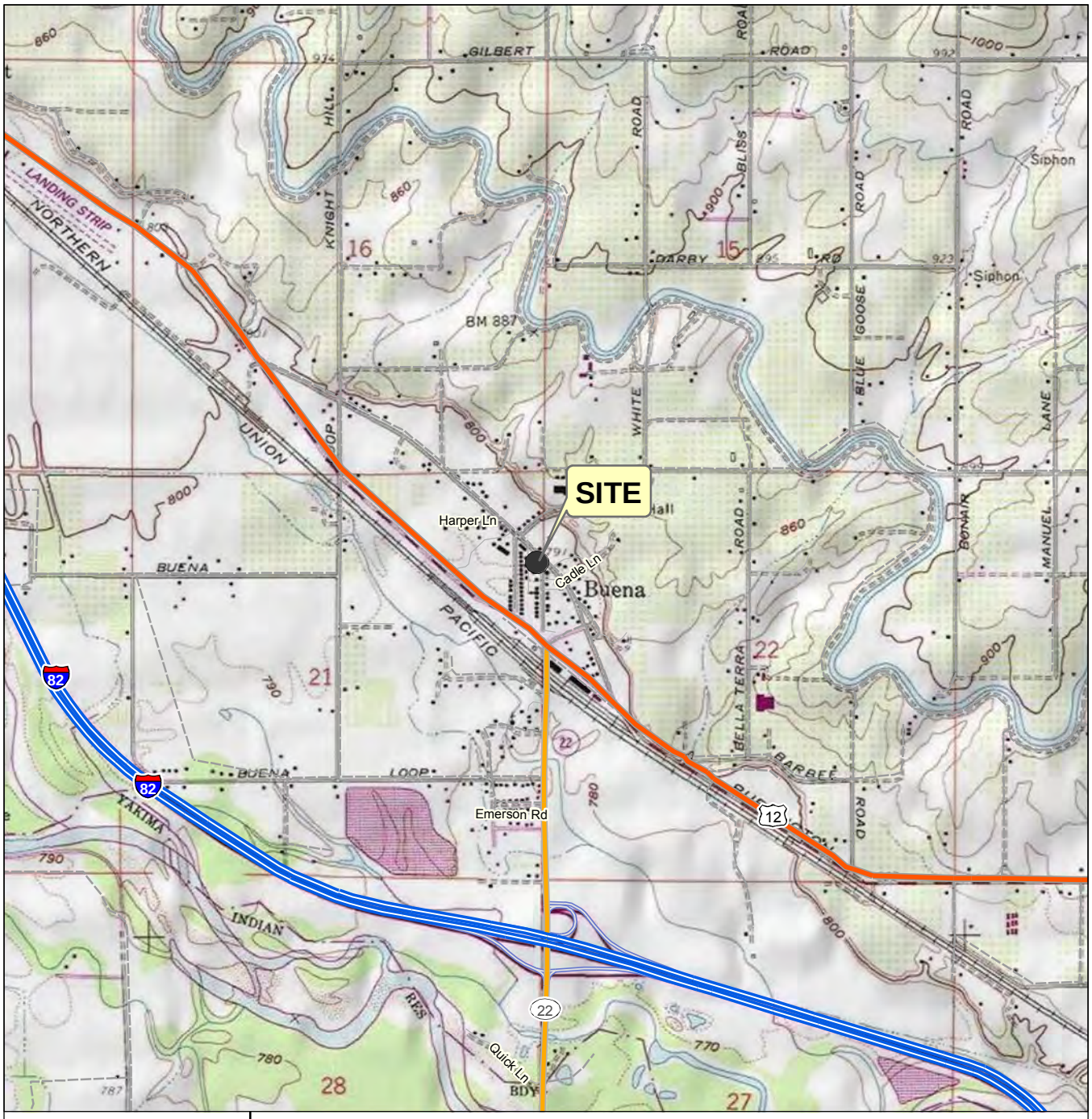
Roby's Station
Buena, Washington

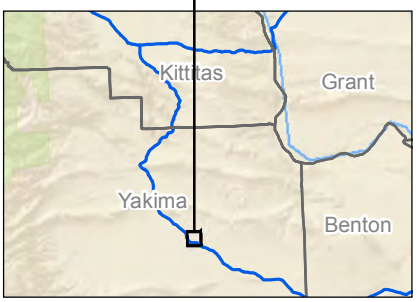
Analyte Group	Analyte	Unit	MTCA[4] A ULU Cleanup Level	Sample Name Sample Date and Time Depth	DP-23-2.5-111511 11/15/2011 11:25 AM 2.5 feet	DP-24-7.0-111511 11/15/2011 12:25 PM 7 feet	DP-25-2.5-111511 11/15/2011 12:35 PM 2.5 feet	DP-25-6.0-111511 11/15/2011 12:40 PM 6 feet	DP-26-2.5-111511 11/15/2011 1:15 PM 2.5 feet	DP-26-8.0-111511 11/15/2011 1:25 PM 8 feet	DP-32-4.0-111611 11/16/2011 9:50 AM 4 feet	DP-34-6.0-111611 11/16/2011 11:25 AM 6 feet
SVOC[2]	1,2,4-Trichlorobenzene	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	1,2-dibromoethane (EDB)	µg/kg	5		1.02 U	1.53 U	1.12 U	1.18 U	1.25 U	1.36 U	1.09 U	1.28 U
SVOC[2]	1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	1,2-Dichloroethane (EDC)	µg/kg	--		2840 U	457 U	127 U	134 U	160 U	152 U	119 U	140 U
SVOC[2]	1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	2,2'-Oxybis[1-chloropropane]	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	2,4,5-Trichlorophenol	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	2,4,6-Trichlorophenol	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	2,4-Dichlorophenol	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	2,4-Dimethylphenol	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	2,4-Dinitrophenol	µg/kg	--		--	--	--	2650 U	2500 U	3080 U	--	--
SVOC[2]	2,4-Dinitrotoluene	µg/kg	--		--	--	--	664 U	626 U	769 U	--	--
SVOC[2]	2,6-Dinitrotoluene	µg/kg	--		--	--	--	664 U	626 U	769 U	--	--
SVOC[2]	2-Butanone (MEK)	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	2-Chloronaphthalene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	2-Chlorophenol	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	2-Methylnaphthalene	µg/kg	--		--	--	--	455	413 U	508 U	--	--
SVOC[2]	2-Nitroaniline	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	2-Nitrophenol	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	3-Nitroaniline	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	4,6-Dinitro-2-Methylphenol	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	4-Bromophenyl phenyl ether	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	4-Chloro-3-Methylphenol	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	4-Chloroaniline	µg/kg	--		--	--	--	2650 U	2500 U	3080 U	--	--
SVOC[2]	4-Chlorophenyl-Phenylether	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	4-Nitroaniline	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	4-Nitrophenol (p-Nitrophenol)	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Acenaphthene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Acenaphthylene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Anthracene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Benzo(a)anthracene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Benzo(b)fluoranthene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Benzo(ghi)perylene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Benzo(k)fluoranthene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Benzoic Acid	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Benzyl Alcohol	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Bis(2-Chloroethoxy)Methane	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Bis(2-Chloroethyl)Ether	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Bis(2-Ethylhexyl) Phthalate	µg/kg	--		--	--	--	2650 U	2500 U	3080 U	--	--
SVOC[2]	Butyl benzyl phthalate	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Chrysene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Dibenzo(a,h)anthracene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Dibenzofuran	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Dibutyl phthalate	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Diethyl phthalate	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Dimethyl phthalate	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--

Analyte Group	Analyte	Unit	MTCA[4] A ULU Cleanup Level	Sample Name Sample Date and Time Depth	DP-23-2.5-111511 11/15/2011 11:25 AM 2.5 feet	DP-24-7.0-111511 11/15/2011 12:25 PM 7 feet	DP-25-2.5-111511 11/15/2011 12:35 PM 2.5 feet	DP-25-6.0-111511 11/15/2011 12:40 PM 6 feet	DP-26-2.5-111511 11/15/2011 1:15 PM 2.5 feet	DP-26-8.0-111511 11/15/2011 1:25 PM 8 feet	DP-32-4.0-111611 11/16/2011 9:50 AM 4 feet	DP-34-6.0-111611 11/16/2011 11:25 AM 6 feet
SVOC[2]	Di-N-Octyl Phthalate	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Fluoranthene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Fluorene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Hexachlorobenzene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Hexachlorobutadiene	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Hexachlorocyclopentadiene	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Hexachloroethane	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Indeno(1,2,3-cd)pyrene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Isophorone	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Naphthalene	µg/kg	5000		--	--	--	492	413 U	508 U	--	--
SVOC[2]	Nitrobenzene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	N-Nitrosodi-n-propylamine	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	N-Nitrosodiphenylamine	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	o-Cresol (2-methylphenol)	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Pentachlorophenol	µg/kg	--		--	--	--	1330 U	1250 U	1540 U	--	--
SVOC[2]	Phenanthrene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Phenol	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
SVOC[2]	Pyrene	µg/kg	--		--	--	--	438 U	413 U	508 U	--	--
PCB Aroclors[3]	PCB-aroclor 1016	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U
PCB Aroclors[3]	PCB-aroclor 1221	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U
PCB Aroclors[3]	PCB-aroclor 1232	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U
PCB Aroclors[3]	PCB-aroclor 1242	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U
PCB Aroclors[3]	PCB-aroclor 1248	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U
PCB Aroclors[3]	PCB-aroclor 1254	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U
PCB Aroclors[3]	PCB-aroclor 1260	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U
PCB Aroclors[3]	PCB-aroclor 1268	µg/kg	--		102 U	155 U	56.9 U	59 U	63.4 U	136 U	55.8 U	64.9 U

Notes:

[1]Chemical analyses conducted by TestAmerica Laboratory in Spokane, Washington.
[2]Semivolatile organic compounds (SVOC) were analyzed using EPA 8270C method.
[3]Polychlorinated biphenyls (PCB) were analyzed using EPA 80802 Method.
[4]Washington State, Model Toxics Control Act (MTCA) Method A cleanup levels.
U indicates analyte was not detected at the reporting limit shown on the summary table.
Bold Value indicates detection greater than reporting limit.
Shading indicates non-detected value was greater than cleanup level
Outline indicates value was greater than cleanup level
µg/kg = microgram per kilogram





DRAFT

N
W E
S

2,000 0 2,000
Feet

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
Data Sources: ESRI Data & Maps, Street Maps 2008.
Projection: NAD 1983, WA State Plane South, feet.

Vicinity Map

Roby's Station Interim Action
Buena, Washington

GeoEngineers

Figure 1

Map Revised: 11/09/2011 CRC

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DP-20 Direct-Push Boring Number and Location

MW-5 Existing Monitoring Well Number and Approximate Location

H Approximate Location of Hydraulic Lift

D Approximate Location of Former Drywell

F Location of Former Fuel Dispensers

Approximate Location of Existing Waste Oil Tank

Approximate Location of Former USTs

N W E S

0 50

Feet

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
Data Sources: Bing Maps Aerial from ESRI Data Online
Projection: NAD 1983, UTM Zone 11 North.

Site Plan

Roby's Station Interim Action
Buena, Washington

GeoEngineers

Figure 2

Map Revised: 1/10/2012 CRC

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MW-1
790.63
Monitoring Well Number, Approximate Location and Groundwater Elevation on July 25 and 26, 2010

DP-1
Direct Push Boring Number and Approximate Location

Groundwater Level Elevation Contour (dashed where inferred)

Groundwater Flow Direction

N
W
E
S

300 0 300
Feet

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for infomation purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. Based on July 25 & 26, 2010 groundwater level measurements.
Reference: ESRI I3 Imagery (2006), ESRI Streets & Maps.

Groundwater Elevations, July 25 and 26, 2010

Buena LUST Site
Buena, Washington

GeoEngineers

Figure 3

Map Revised: 7/29/2010, CRC

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DP-20 Direct-Push Boring Number and Location

MW-5 Existing Monitoring Well Number and Approximate Location

Boring Location where Field-Screening or Analyte Test Results Indicate Soil Contamination

Boring Location where Analytical Test Results Indicate Groundwater Contamination

A A' Cross Section

F Location of Former Fuel Dispensers

Approximate Location of Existing Waste Oil Tank

Approximate Location of Former USTs

Approximate Area of Excavation

N W E S

0 30

Feet

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
Data Sources: Bing Maps Aerial from ESRI Data Online
Projection: NAD 1983, UTM Zone 11 North.

Proposed Excavation Plan

Roby's Station Interim Action
Buena, Washington

GeoEngineers

Figure 4

Map Revised: 01/09/2012 CRC

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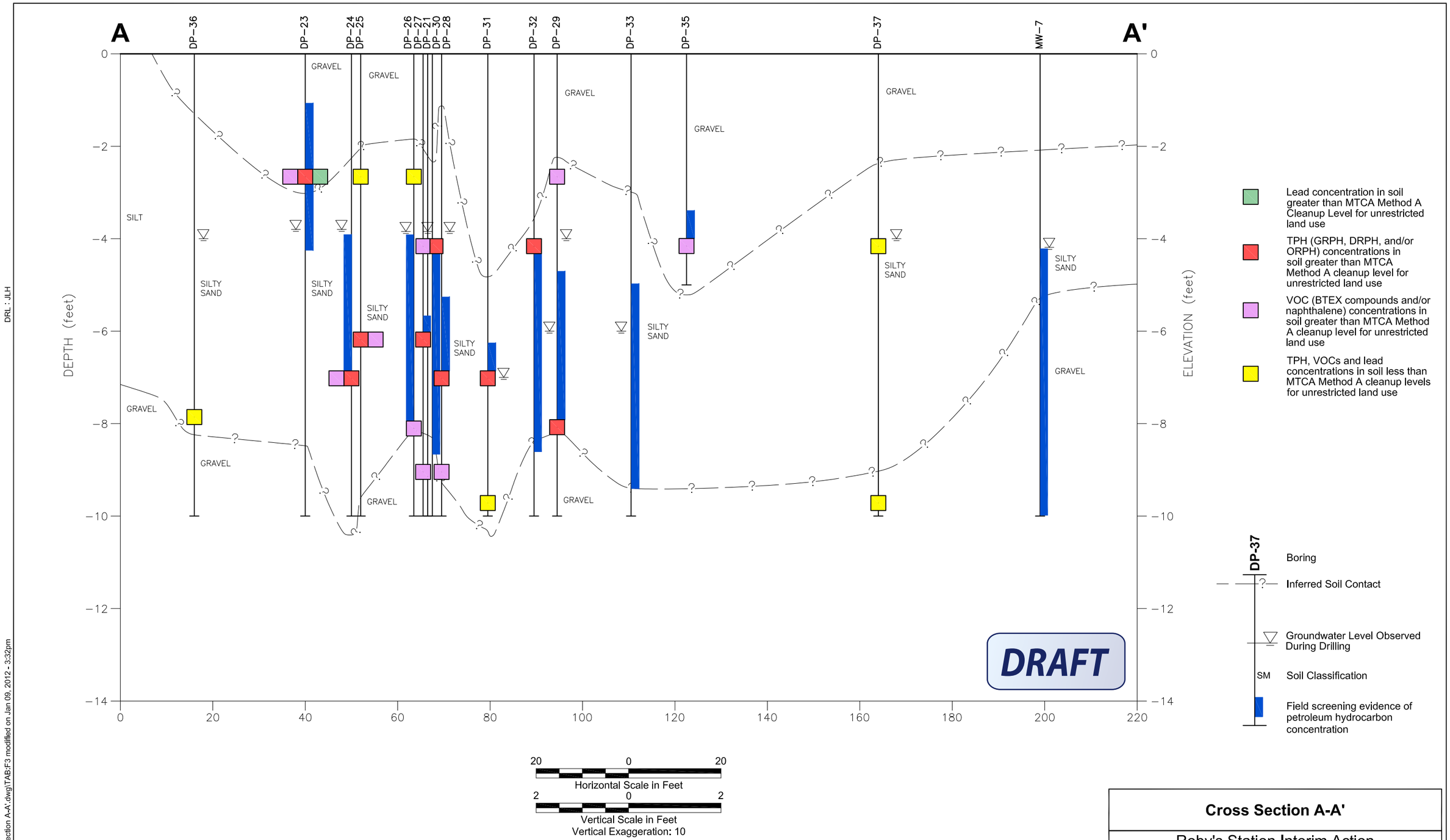


Notes:
1. The subsurface conditions shown are based on interpolation between widely spaced explorations and should be considered approximate; actual subsurface conditions may vary from those shown.
2. Refer to Figure 4 for location of Cross Section.
3. This figure is for informational purposes only. It is intended to assist in the identification of features discussed in a related document. Data were compiled from sources as listed in this figure. The data sources do not guarantee these data are accurate or complete. There may have been updates to the data since the publication of this figure. This figure is a copy of a master document. The master hard copy is stored by GeoEngineers, Inc. and will serve as the official document of record.

Cross Section A-A'

Roby's Station Interim Action
Buena, Washington

GeoEngineers

Figure 5

APPENDIX A
Field Procedures and Logs of Borings

APPENDIX A
FIELD PROCEDURES AND LOGS OF BORINGS

Field Explorations

Prior to completion of the explorations, GeoEngineers contacted the One-Call Utility Notification Center in accordance with Washington State law. In addition, GeoEngineers subcontracted Advanced Underground Locating, Inc., an underground utility location subcontractor to locate on-site utilities in advance to drilling activities.

Following clearance of utilities, subsurface conditions at the Site were explored on November 15 and 16, 2011 by advancing 18 direct-push borings (DP-20 through DP-37) and collecting soil and groundwater samples. The approximate exploration locations are shown in Figure 2. Note that direct-push borings DP-1 through DP-19 were advanced at other locations within the town of Buena, and are not included in this document.

Soil Sampling from Borings

Soil borings were completed using direct-push drilling techniques by a licensed driller. The direct-push drilling samples were obtained continuously using 4-foot-long, 1-inch-diameter acrylic sleeves.

Each boring was continuously monitored by a geologist from our firm who observed and classified the soil encountered, and prepared a detailed log of each boring. Soil encountered in the borings was classified in the field in general accordance with ASTM International (ASTM) D-2488, the Standard Practice for Classification of Soils, Visual-Manual Procedure, which is summarized in Figure A-1. Logs of the direct-push borings are provided in Figures A-2 through A-19. Preservation of VOC samples was completed in accordance with Ecology Memo 5, document number 04-09-087. Sample containers were labeled and placed into an ice chest containing ice/ice packs. Soil samples for VOCs analyses were obtained consistent with EPA Method 5035A. Chain-of-custody procedures were followed during transport of the soil samples.

Sampling equipment was decontaminated between each sampling attempt for either drilling method. Samples were obtained using either a decontaminated soil knife or new, clean nitrile glove and placed into 4-ounce glass sample jars with Teflon lids.

Samples were placed in a cooler with ice and delivered to the analytical laboratory; standard chain-of-custody procedures were observed during transport of the samples to the laboratory.

Field Screening Methods

A GeoEngineers field geologist performed field screening tests on selected soil samples from the explorations. Field screening results were used to aid in the selection of soil samples for chemical analysis. Screening methods included (1) visual examination and (2) water sheen screening. Note that the photo-ionization detector (PID) malfunctioned during field activities, and its use was discontinued.

Groundwater Sampling

Groundwater samples were collected at select borings. At the completion of drilling, the steel casing was removed and a temporary PVC well screen was installed in the bore-hole. Groundwater samples were obtained using low-flow purging methods. The groundwater samples were transferred in the field to laboratory-prepared sample containers and kept cool during transport to the testing laboratory. Water quality parameters were recorded during sampling and are presented in Table A-1. The sample containers were filled completely to eliminate headspace in the container. Chain-of-custody procedures were observed from the time of sample collection to delivery to the testing laboratory. The intent of the groundwater samples was to provide semi-quantitative data regarding groundwater contamination at the site. Standard water quality target parameters were not achieved during groundwater sampling from temporary well screens.

Decontamination Procedures

The objective of the decontamination procedure is to minimize the potential for cross-contamination between sample locations.

A designated decontamination area was established for decontamination of drilling equipment and reusable sampling equipment. Drilling equipment was cleaned using high-pressure/low-volume cleaning equipment.

Sampling equipment was decontaminated in accordance with the following procedures before each sampling attempt or measurement.

1. Brush equipment with a nylon brush to remove large particulate matter.
2. Rinse with potable tap water.
3. Wash with non-phosphate detergent solution (Liquinox® and potable tap water).
4. Rinse with potable tap water.
5. Rinse with distilled water.

Handling of Investigation-Derived Waste

Investigation Derived Waste (IDW), which consists of mainly drill cuttings and decontamination/purge water, was placed in DOT-approved 55-gallon drums. Each drum was labeled with the project name, exploration number, general contents, and date. The drummed IDW was stored on-site pending analysis and disposal.

Disposable items, such as sample tubing, disposable bailers, bailer line, gloves and protective overalls, paper towels, etc., were placed in plastic bags after use and deposited in trash receptacles for disposal.

Table A-1

Summary of Field Groundwater Quality Parameters

Roby's Station

Buena, Washington

Sample Number	Date Sampled	pH	Specific Conductivity (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	ORP (mV)
DP-23	11/15/11	6.35	0.71	>1,000	0.30	15.1	-80
DP-26	11/15/11	6.42	0.76	850	0.40	14.7	-69
DP-33	11/16/11	6.96	1.1	>1,000	0.40	14.1	-131
DP-34	11/16/11	6.74	0.80	710	0.40	13.9	-90
DP-37	11/16/11	7.02	0.80	93	0.50	14.2	-105

https://projects.geoengineers.com/sites/0050406002/Draft/DraftDataTables/[Table A-1.xlsx]Sheet1

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
MORE THAN 50% RETAINED ON NO. 200 SIEVE	SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS
				SP	POORLY-GRADED SANDS, GRAVELLY SAND
	MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% PASSING NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
	CC	Cement Concrete
	AC	Asphalt Concrete
	CR	Crushed Rock/ Quarry Spalls
	TS	Topsoil/ Forest Duff/Sod

Measured groundwater level in exploration, well, or piezometer

Groundwater observed at time of exploration

Perched water observed at time of exploration

Measured free product in well or piezometer

Graphic Log Contact

Distinct contact between soil strata or geologic units

Approximate location of soil strata change within a geologic soil unit

Material Description Contact

Distinct contact between soil strata or geologic units

Approximate location of soil strata change within a geologic soil unit

Sampler Symbol Descriptions

2.4-inch I.D. split barrel

Standard Penetration Test (SPT)

Shelby tube

Piston

Direct-Push

Bulk or grab

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

A "P" indicates sampler pushed using the weight of the drill rig.

Laboratory / Field Tests

%F	Percent fines
AL	Atterberg limits
CA	Chemical analysis
CP	Laboratory compaction test
CS	Consolidation test
DS	Direct shear
HA	Hydrometer analysis
MC	Moisture content
MD	Moisture content and dry density
OC	Organic content
PM	Permeability or hydraulic conductivity
PP	Pocket penetrometer
SA	Sieve analysis
TX	Triaxial compression
UC	Unconfined compression
VS	Vane shear

Sheen Classification

NS	No Visible Sheen
SS	Slight Sheen
MS	Moderate Sheen
HS	Heavy Sheen
NT	Not Tested

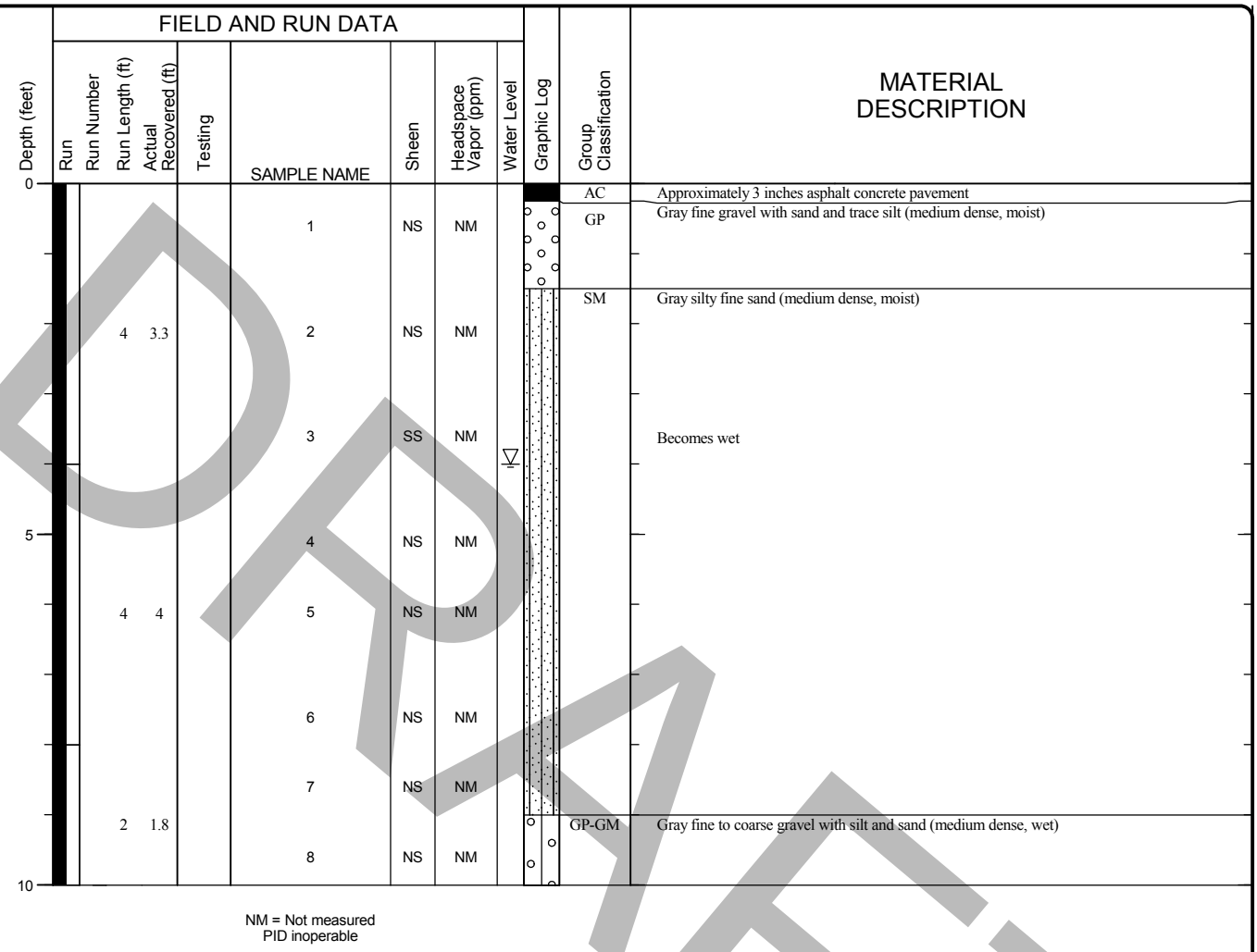
NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

KEY TO EXPLORATION LOGS

GeoEngineers

FIGURE A-1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 4.0				Drilling Equipment	Truck-mounted Geoprobe 5400		



NM = Not measured
PID inoperable

Notes: Please refer to Figure A-1 for an explanation of symbols.

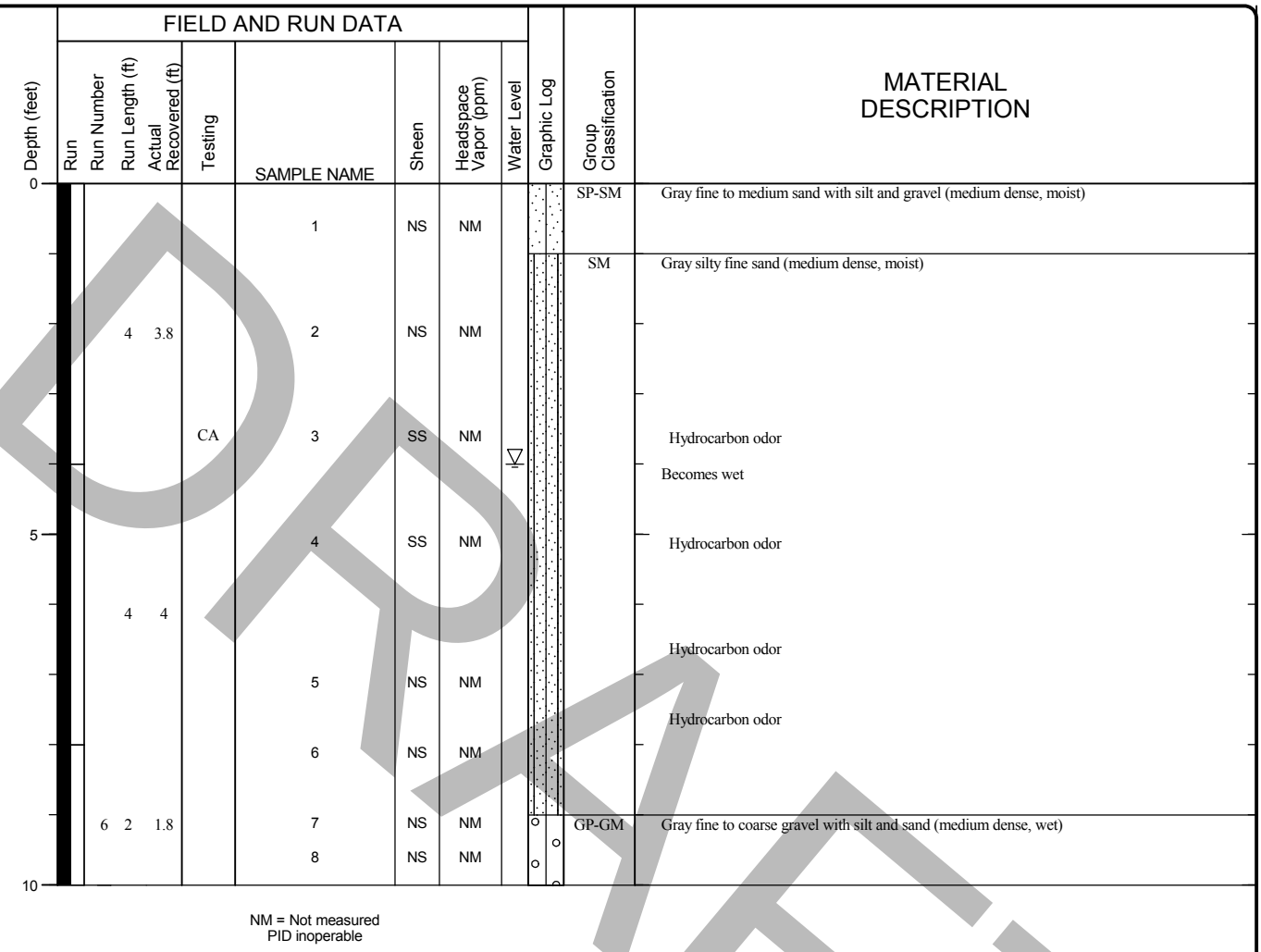
Log of Direct-Push Boring DP-20

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-2
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 4.0				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

Log of Direct-Push Boring DP-21

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-3
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By	RNM	Driller	Environmental West Exploration	Drilling Method	Direct-Push
				Checked By	DRL				

Location		Groundwater		Drilling Equipment	Truck-mounted Geoprobe 5400
East (X):	North (Y):	Date Measured	Depth to Water (ft)		
		11/15/2011	4.0		

Depth (feet)	Run	Run Number	Run Length (ft)	Actual Recovered (ft)	Testing	SAMPLE NAME	Sheen	Headspace Vapor (ppm)	Water Level	Graphic Log	Group Classification	MATERIAL DESCRIPTION
0						1	NS	NM			GP-GM	Light brown fine to coarse gravel with silt and sand (medium dense, moist)
		4	4	3.3		2	NS	NM			SM	Gray silty fine sand (medium dense, moist)
					CA	3	NS	NM	▽			Hydrocarbon odor Becomes wet
5						4	NS	NM				
		4	4	4		5	NS	NM				Grades with occasional organic matter (peat)
						6	NS	NM				
		2	2	2		7	NS	NM			SP-SM	Gray fine to medium sand with silt and occasional organic matter (wood) (medium dense, wet)
10												

NM = Not measured
PID inoperable

Notes: Please refer to Figure A-1 for an explanation of symbols.

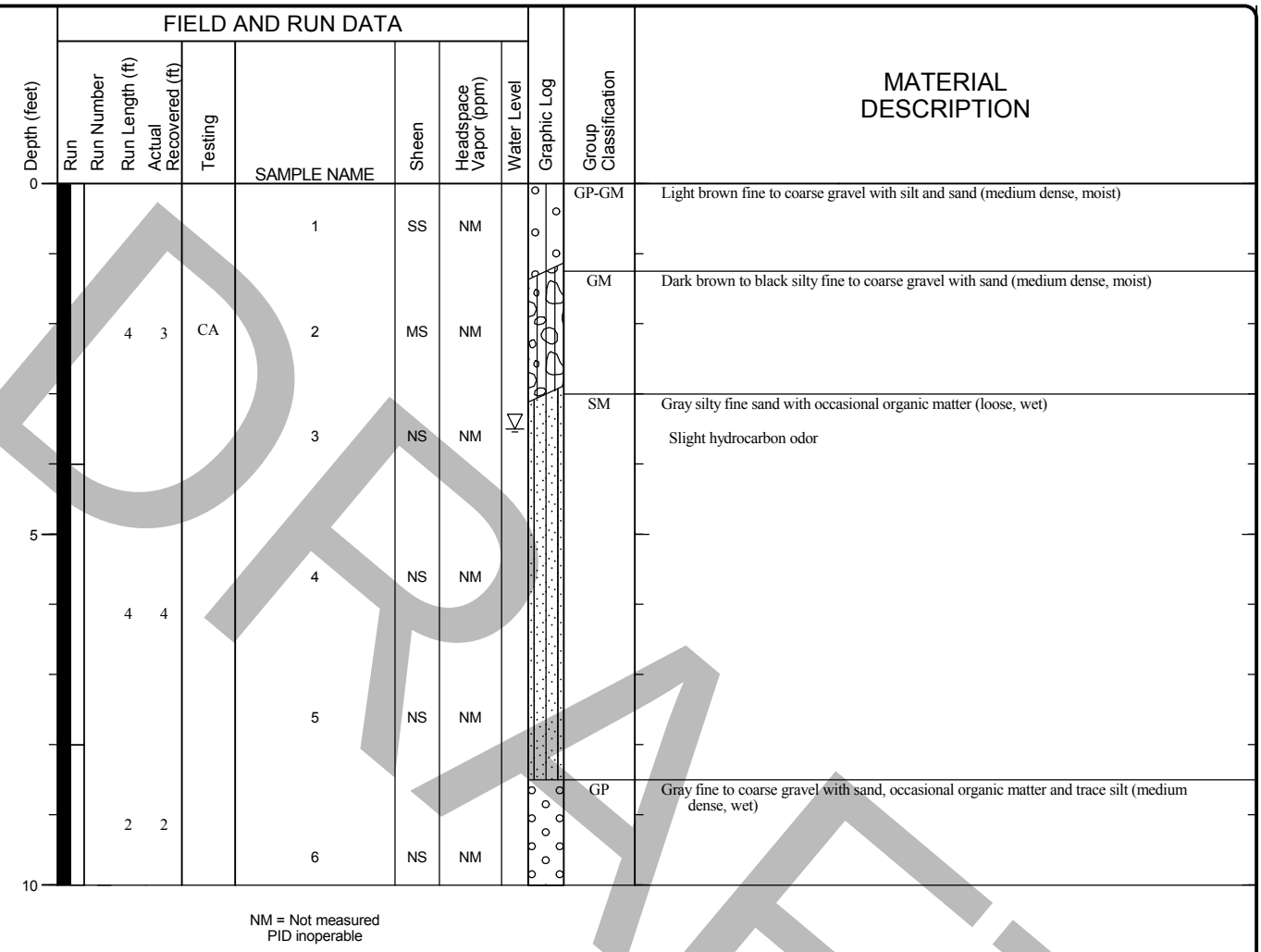
Log of Direct-Push Boring DP-22

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-4
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 3.5				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

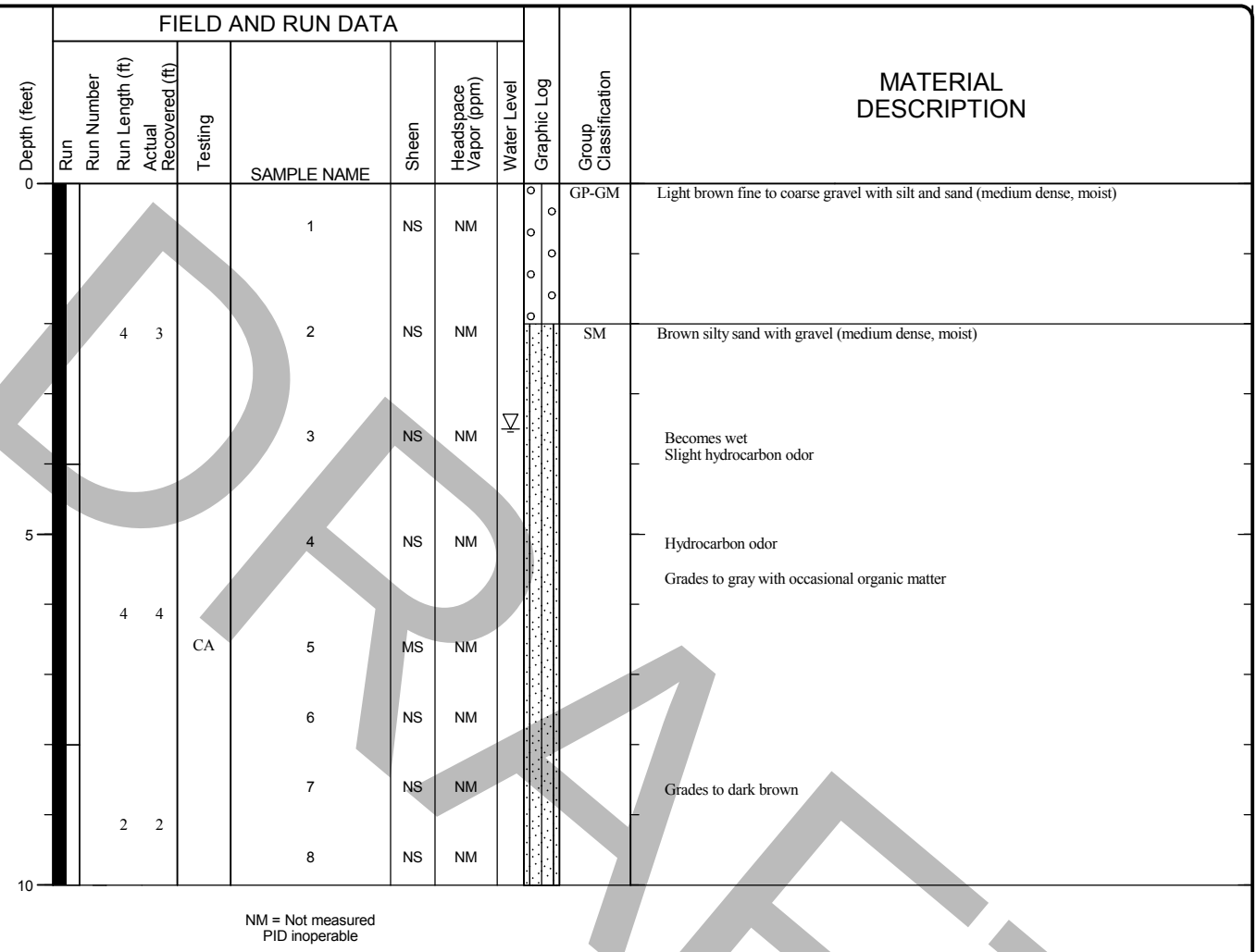
Log of Direct-Push Boring DP-23

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-5
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 3.5				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

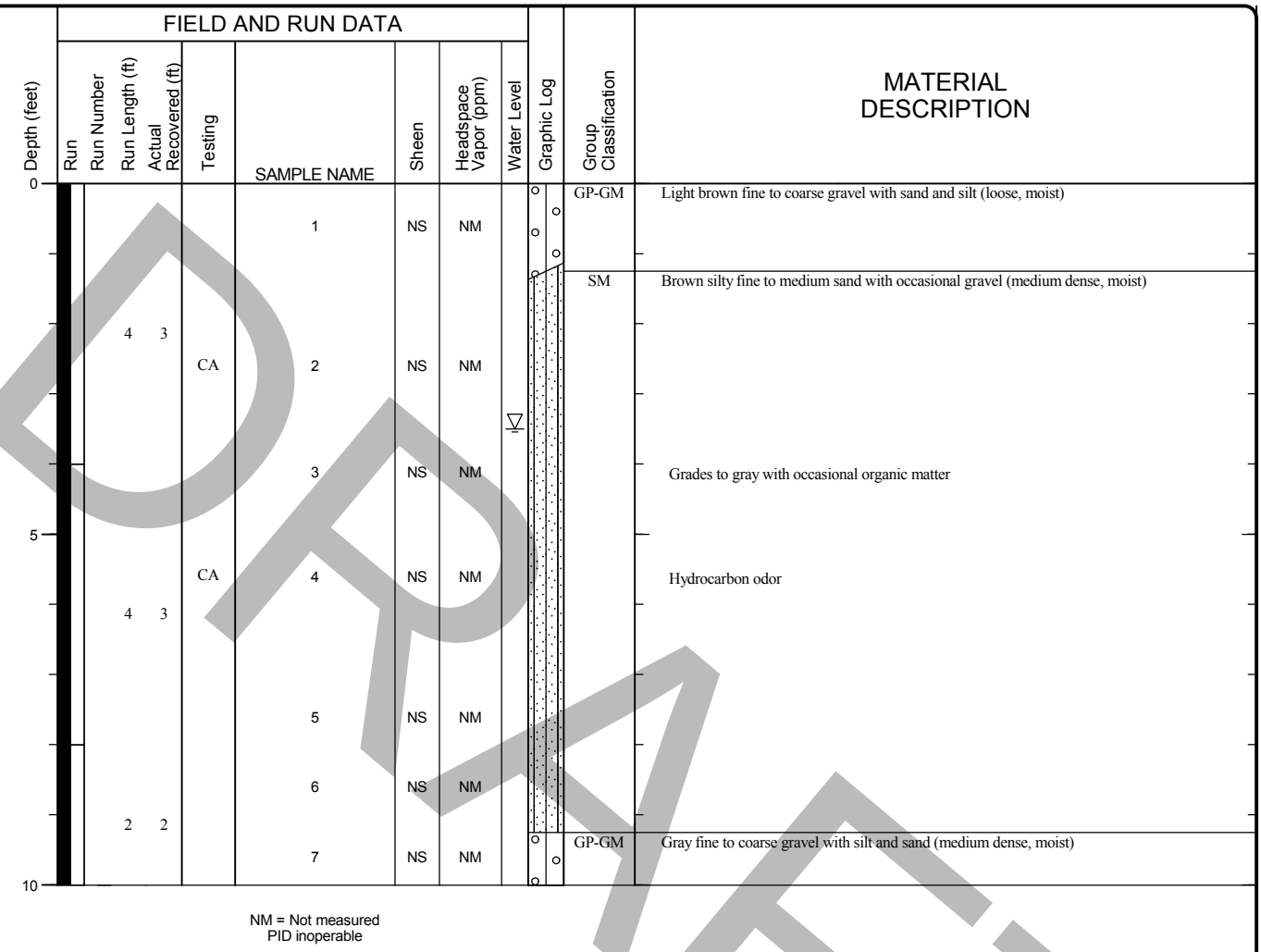
Log of Direct-Push Boring DP-24

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-6
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 3.5				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

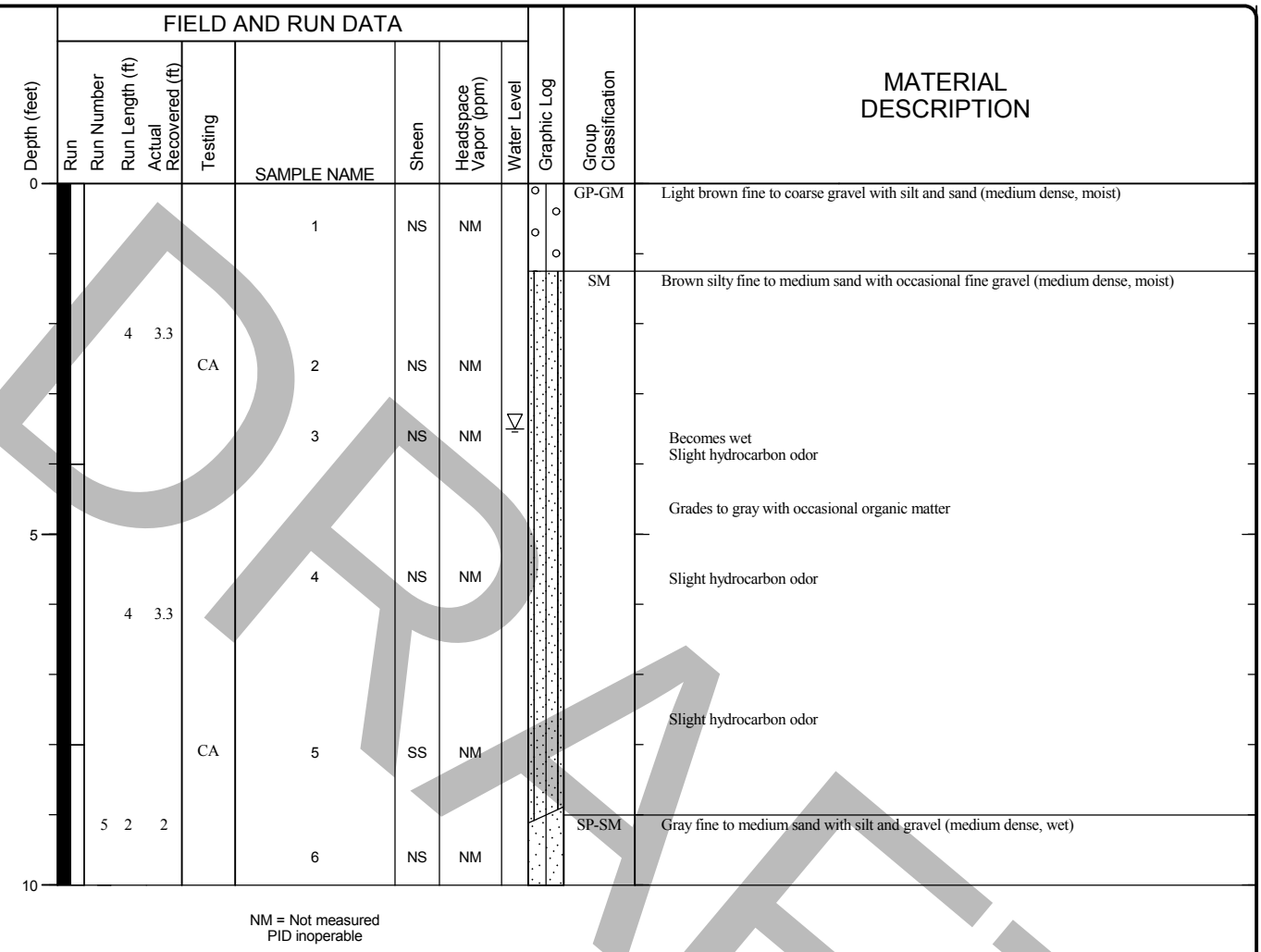
Log of Direct-Push Boring DP-25

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-7
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):				Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 3.5				Drilling Equipment	Truck-mounted Geoprobe 5400



Notes: Please refer to Figure A-1 for an explanation of symbols.

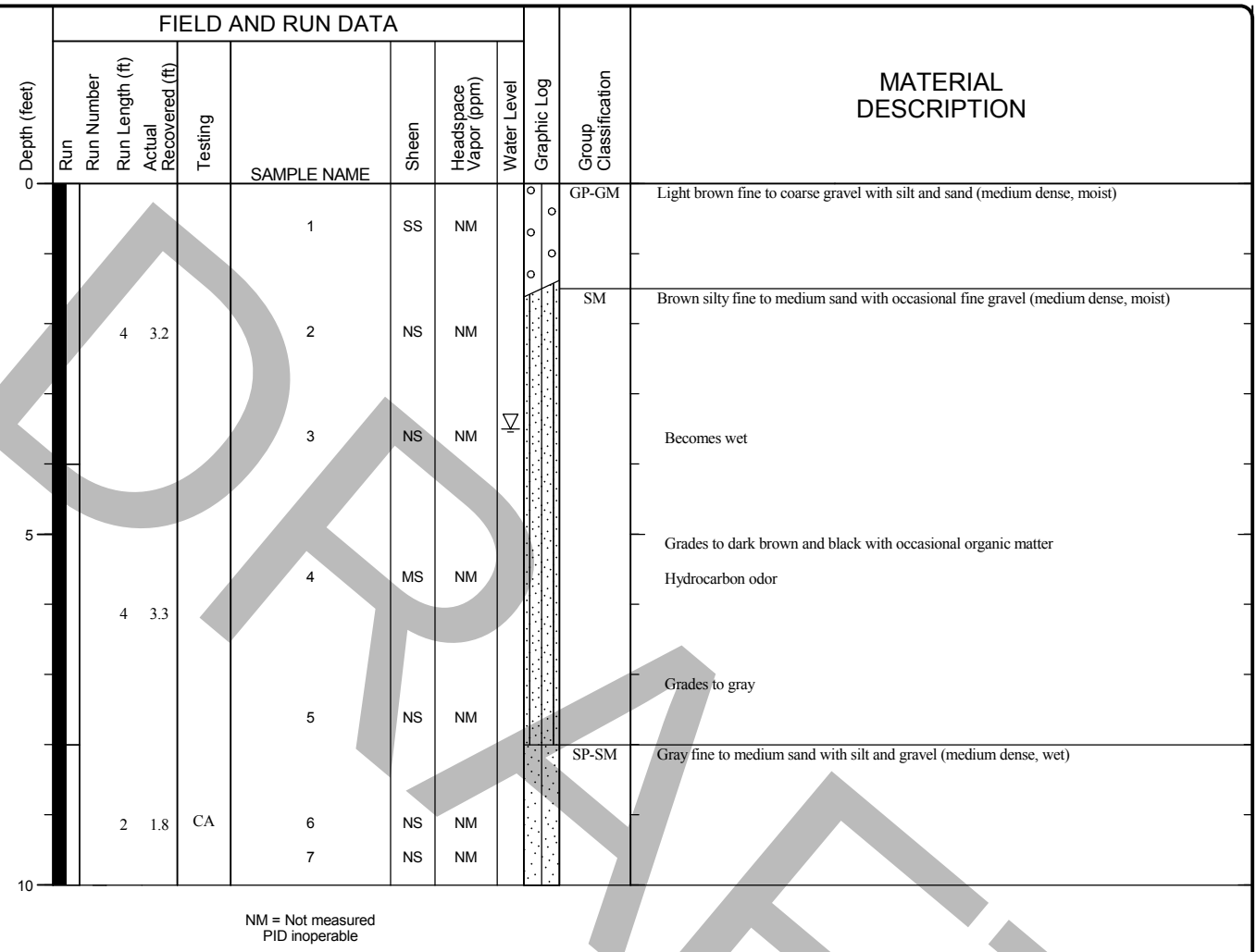
Log of Direct-Push Boring DP-26

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-8
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 3.5				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

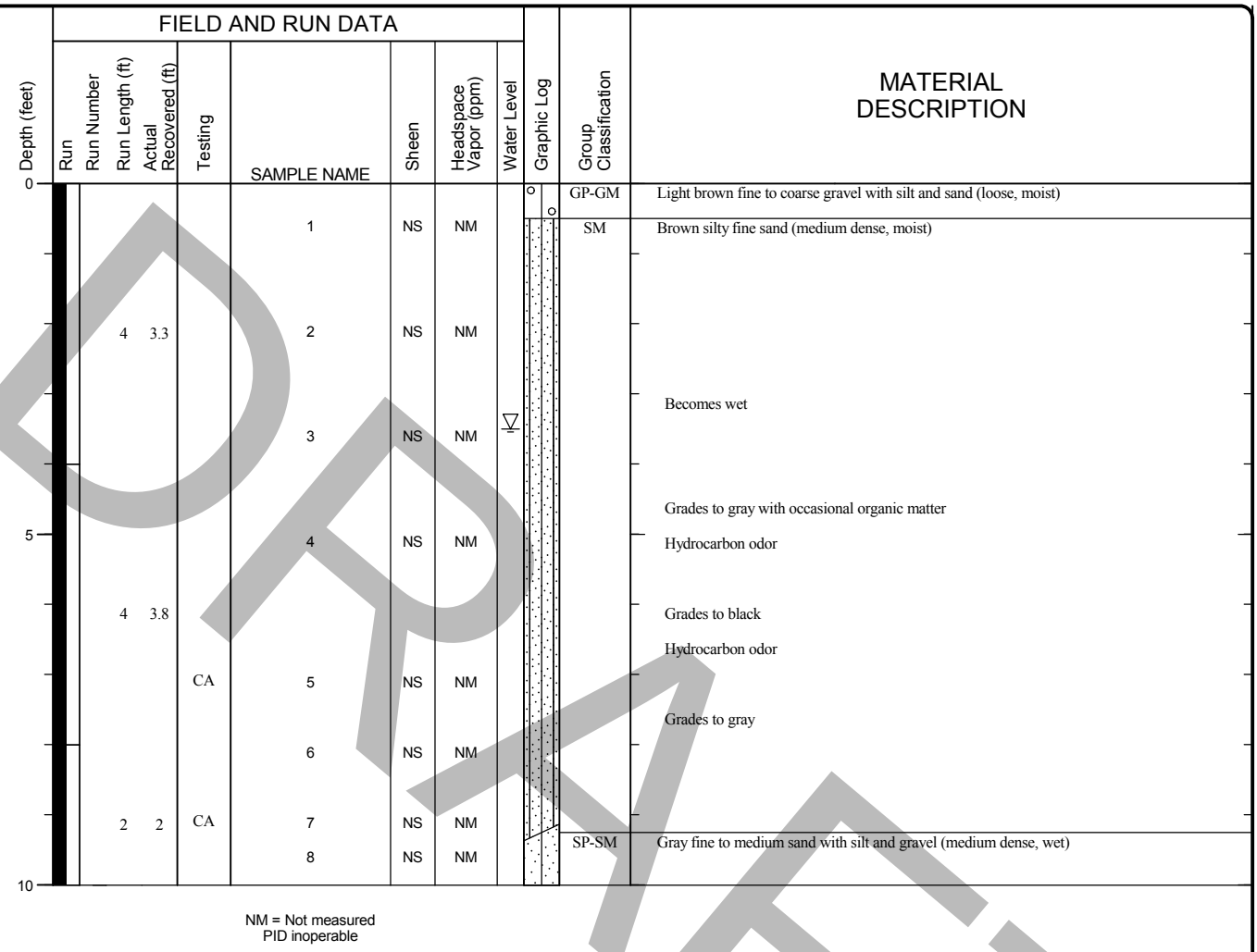
Log of Direct-Push Boring DP-27

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-9
Sheet 1 of 1

Drilled	11/15/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/15/2011 Depth to Water (ft): 3.5				Drilling Equipment	Truck-mounted Geoprobe 5400		



NM = Not measured
PID inoperable

Notes: Please refer to Figure A-1 for an explanation of symbols.

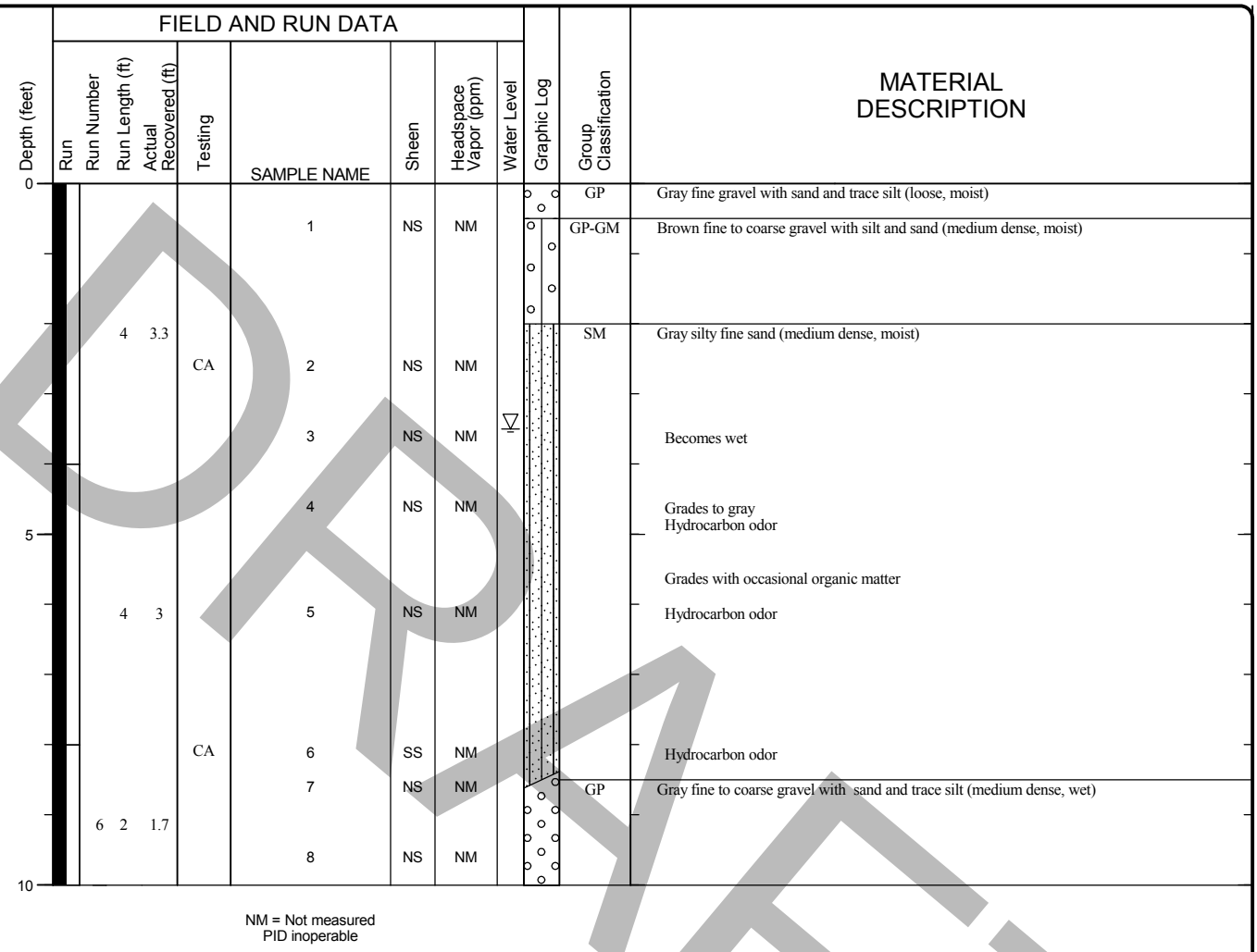
Log of Direct-Push Boring DP-28

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-10
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/16/2011 Depth to Water (ft): 3.5				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

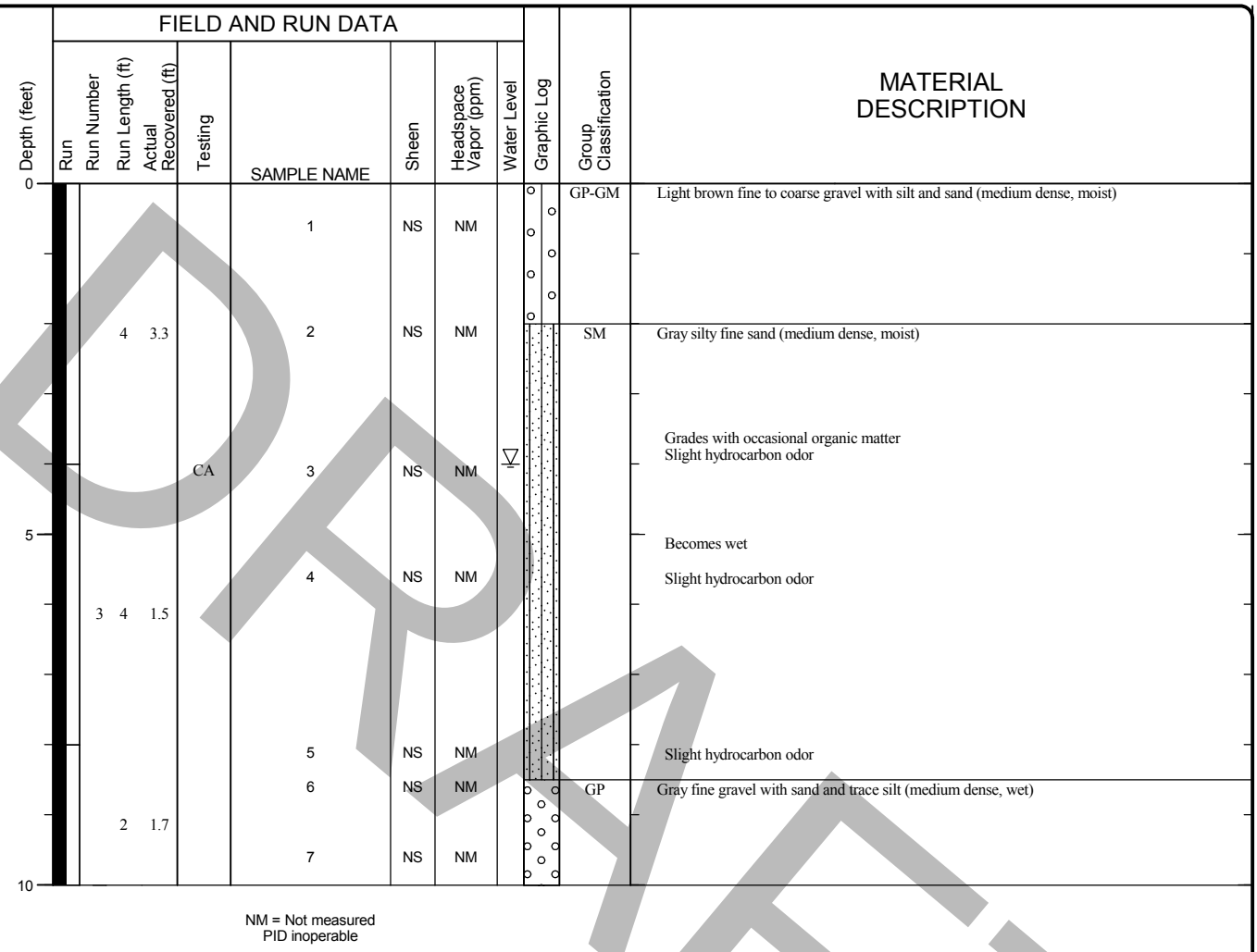
Log of Direct-Push Boring DP-29

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-11
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/14/2011 Depth to Water (ft): 4.0				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

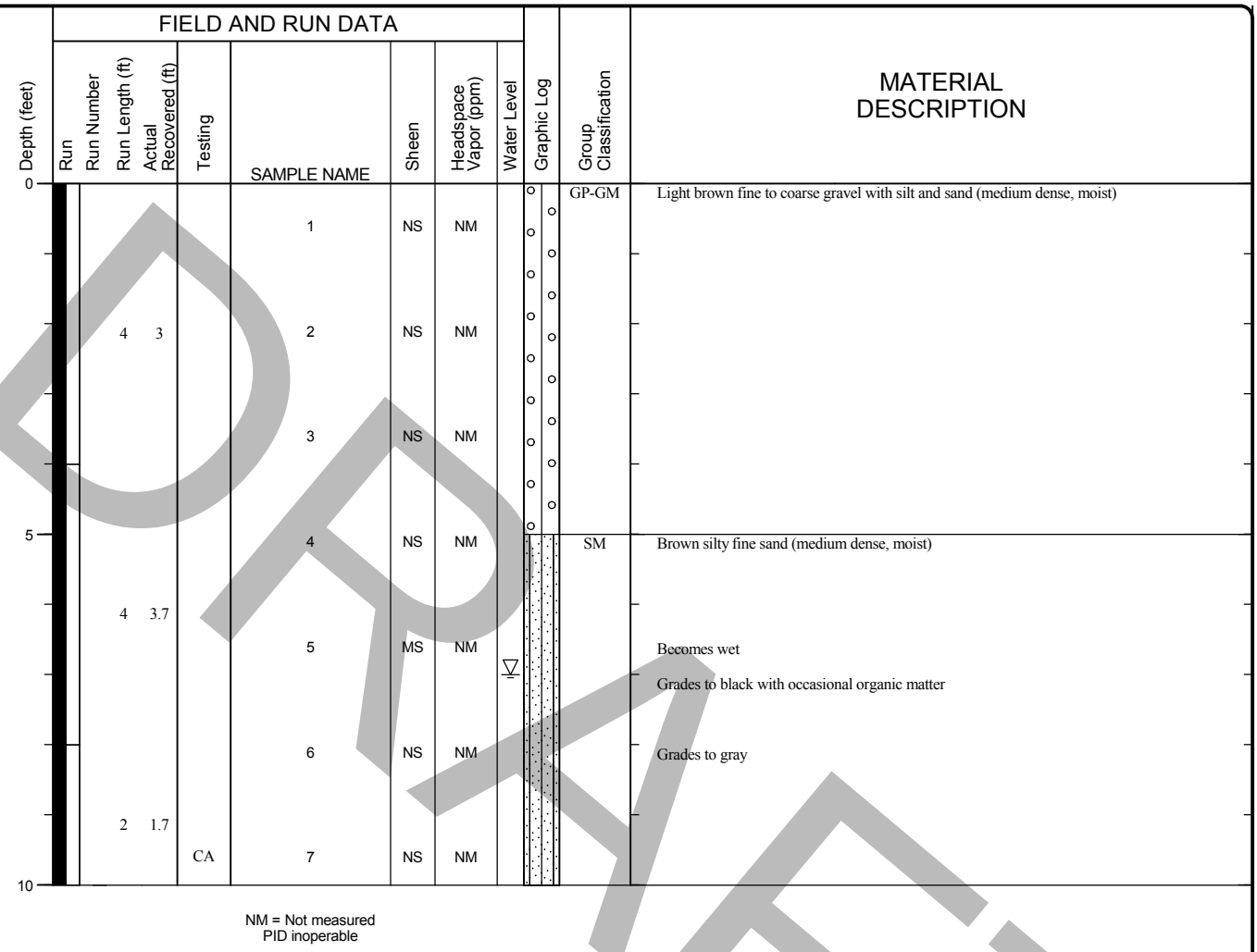
Log of Direct-Push Boring DP-30

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-12
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/16/2011 Depth to Water (ft): 7.0				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

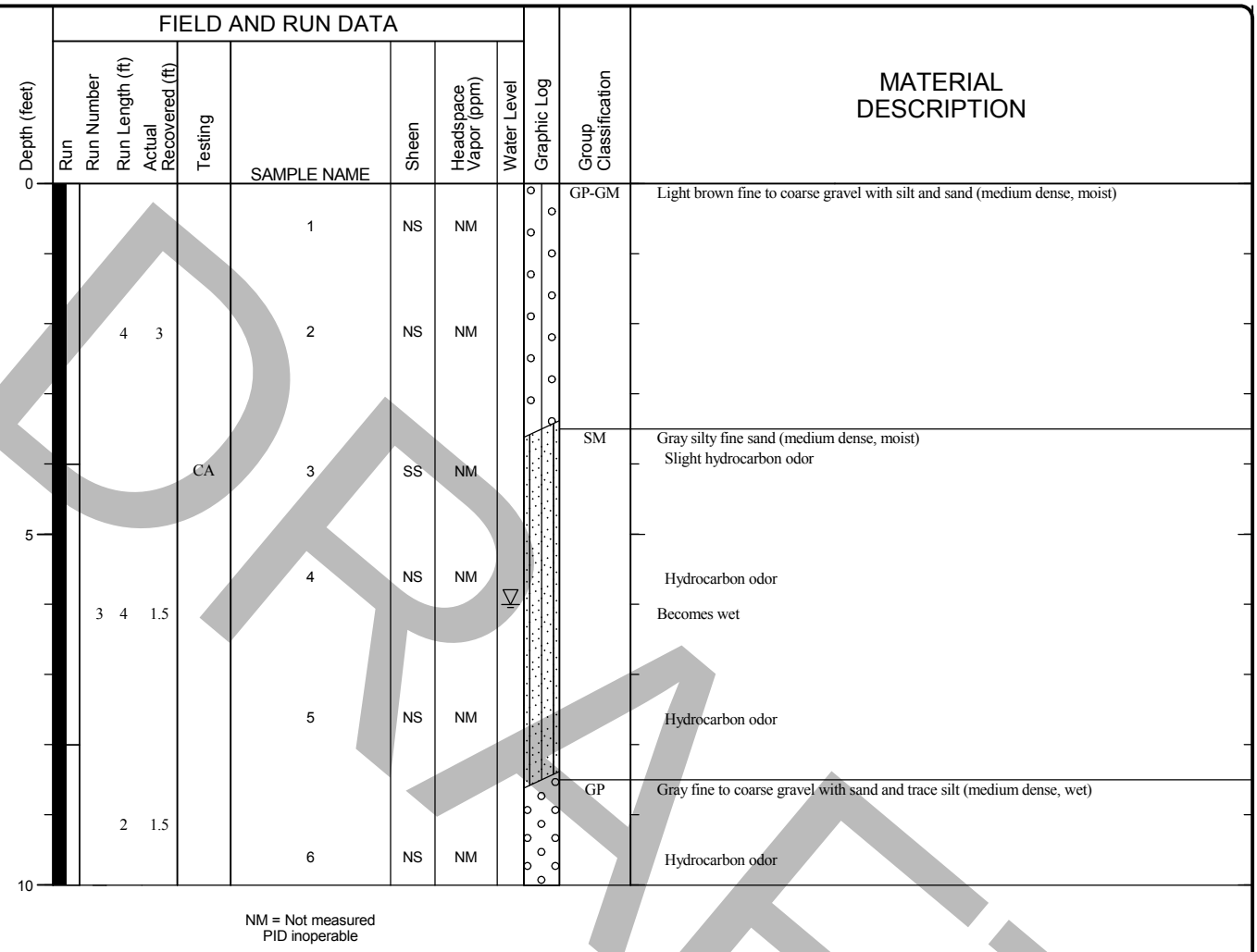
Log of Direct-Push Boring DP-31

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-13
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/16/2011 Depth to Water (ft): 6.0				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

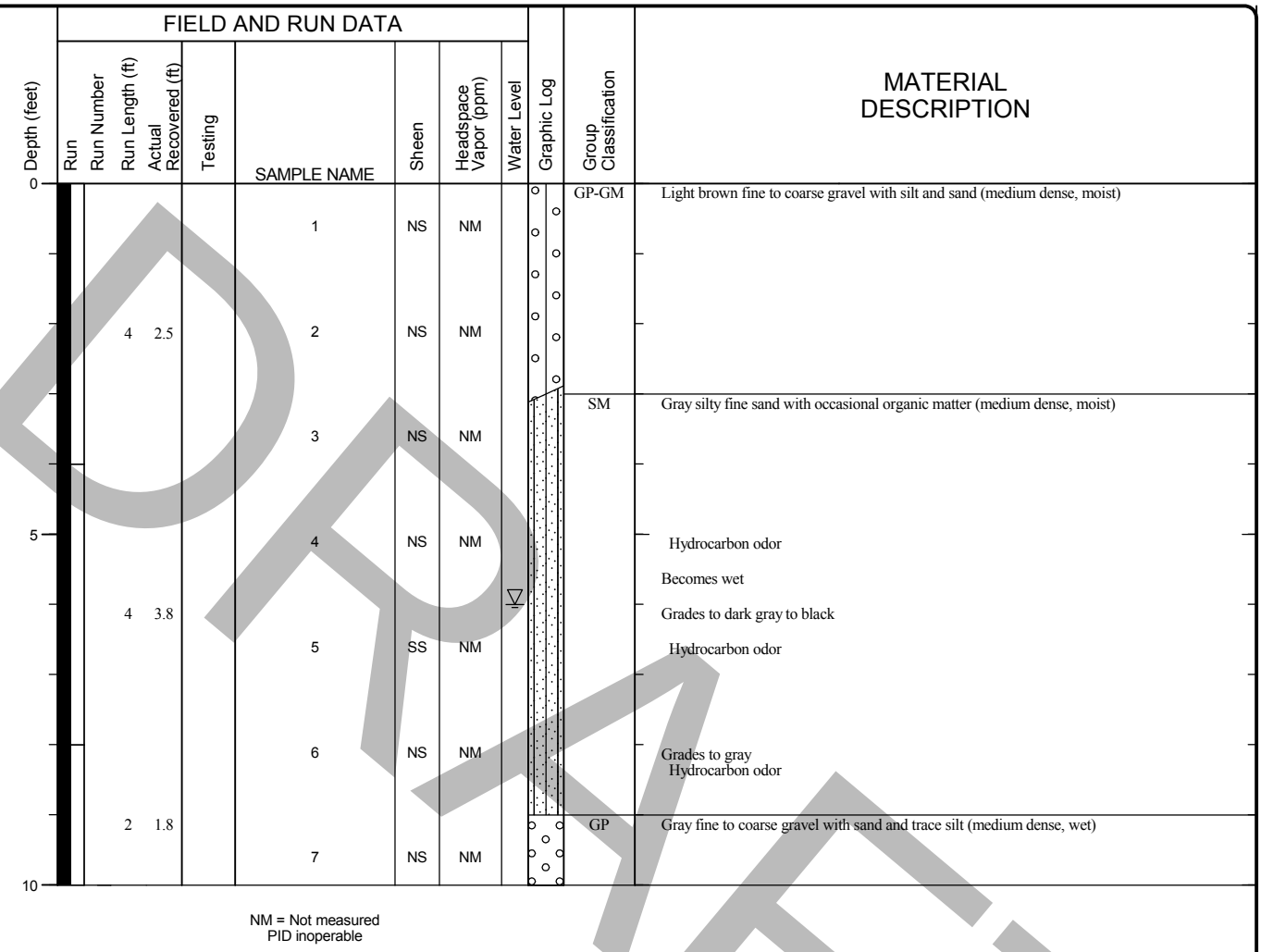
Log of Direct-Push Boring DP-32

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-14
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X):	North (Y):	Groundwater Date Measured	11/16/2011	Depth to Water (ft)	6.0	Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

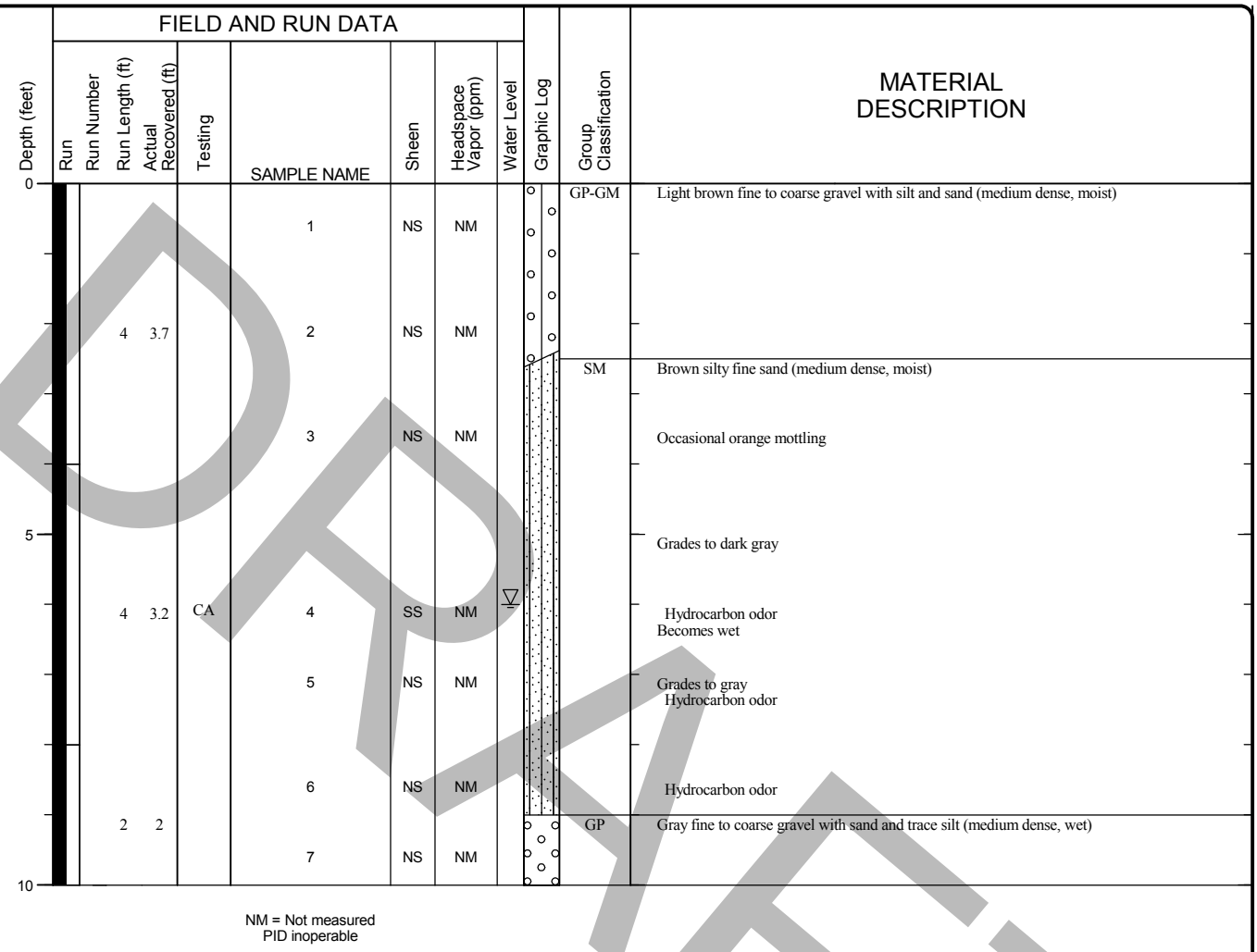
Log of Direct-Push Boring DP-33

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-15
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/16/2011 Depth to Water (ft): 6.0				Drilling Equipment	Truck-mounted Geoprobe 5400		



Notes: Please refer to Figure A-1 for an explanation of symbols.

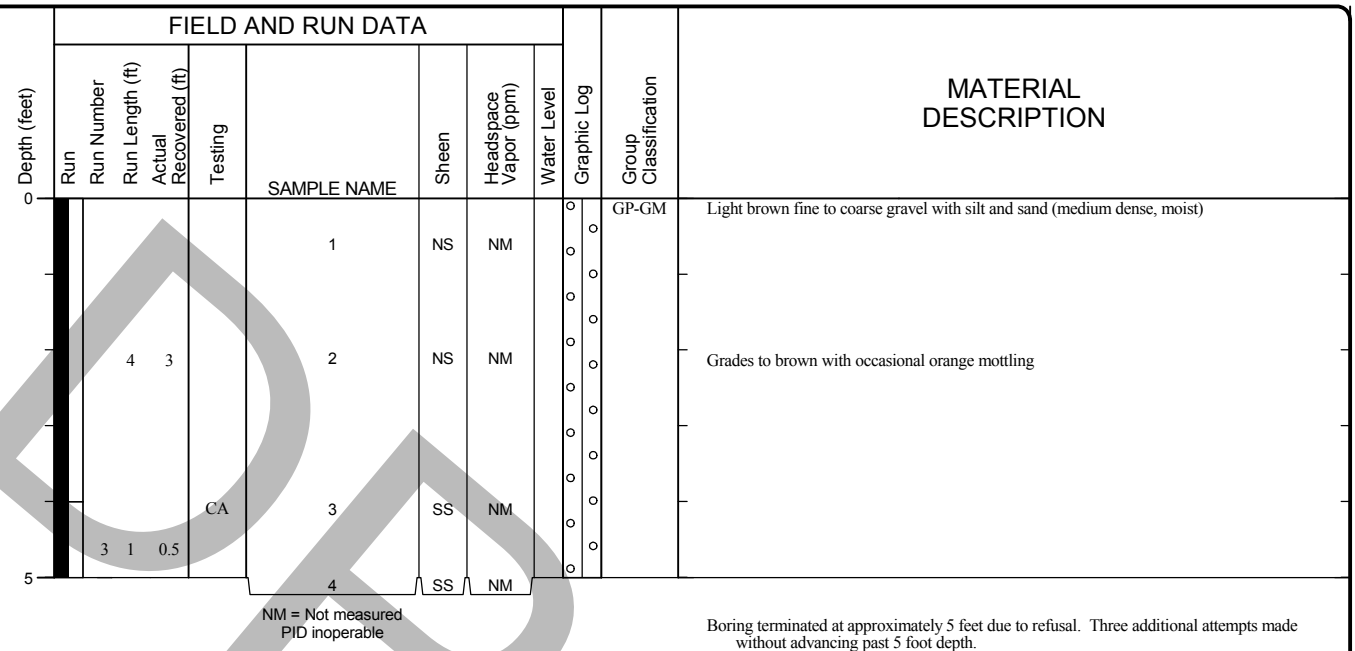
Log of Direct-Push Boring DP-34

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-16
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	5	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured:		Depth to Water (ft): Not encountered				Drilling Equipment	Truck-mounted Geoprobe 5400



Notes: Please refer to Figure A-1 for an explanation of symbols.

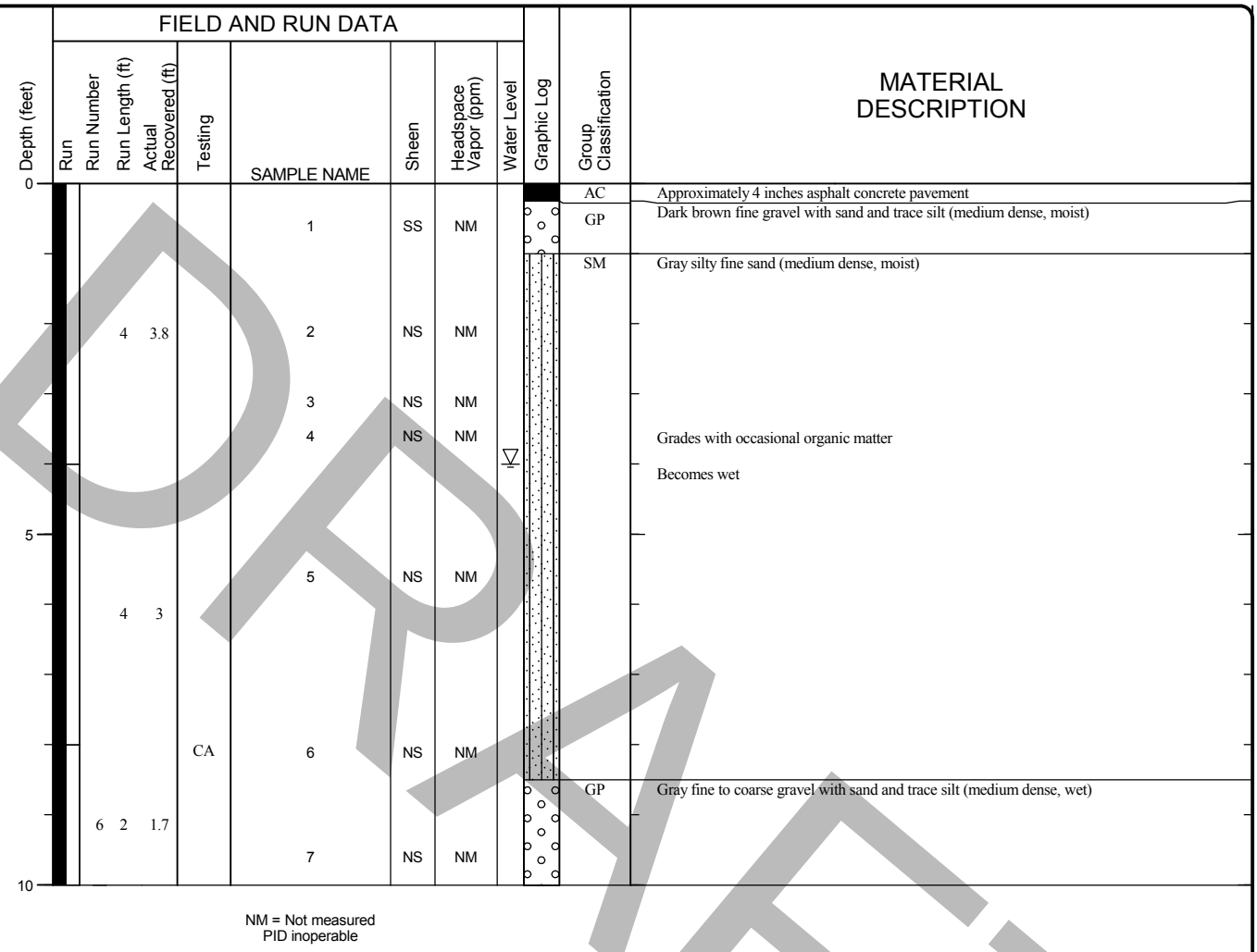
Log of Direct-Push Boring DP-35

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-17
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):		Groundwater Date Measured: 11/16/2011 Depth to Water (ft): 4.0				Drilling Equipment	Truck-mounted Geoprobe 5400		



NM = Not measured
PID inoperable

Notes: Please refer to Figure A-1 for an explanation of symbols.

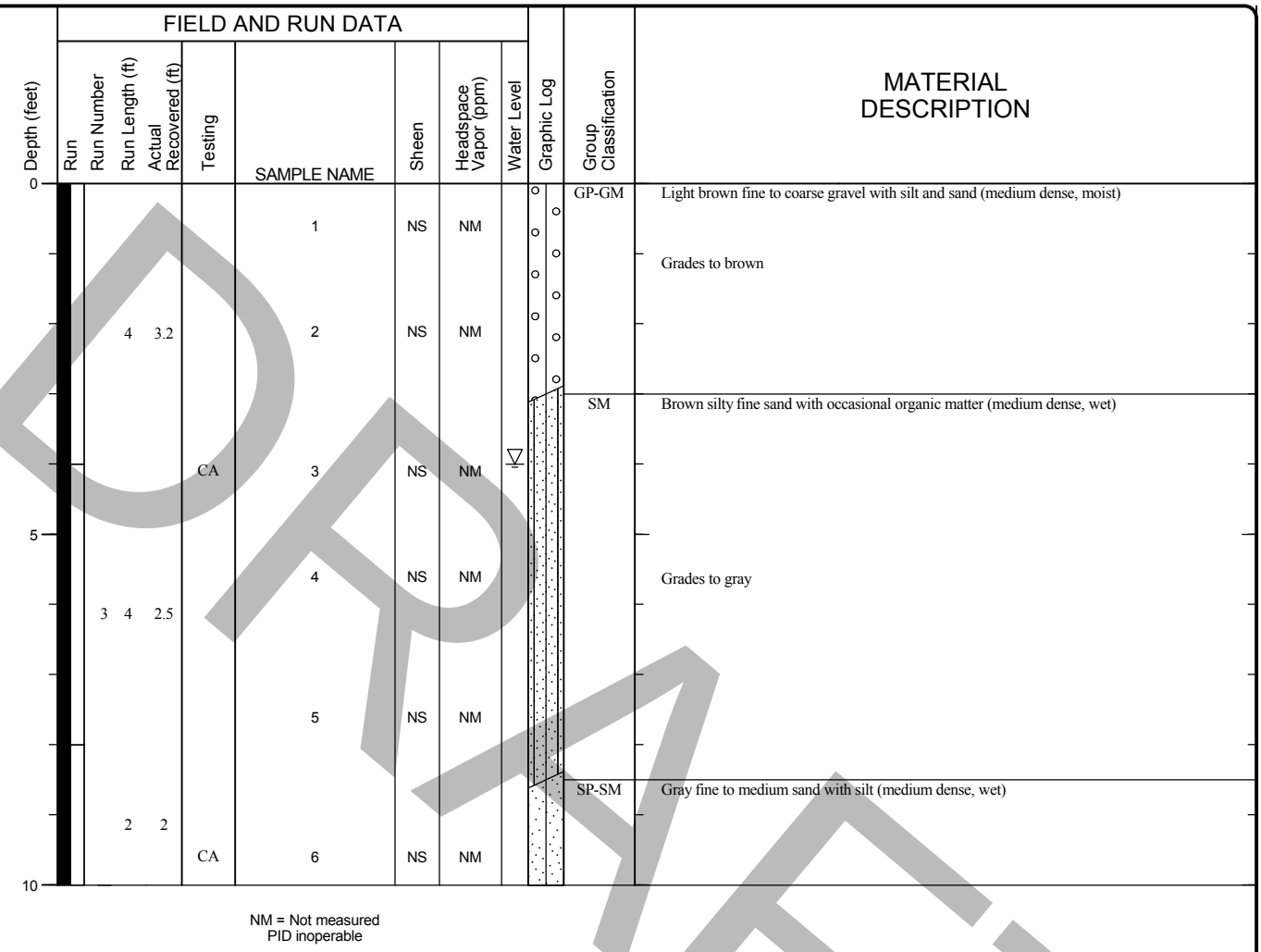
Log of Direct-Push Boring DP-36

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-18
Sheet 1 of 1

Drilled	11/16/2011	Total Depth (ft)	10	Logged By / Checked By	RNM / DRL	Driller	Environmental West Exploration	Drilling Method	Direct-Push
Location East (X): North (Y):				Groundwater Date Measured: 11/16/2011 Depth to Water (ft): 4.0				Drilling Equipment	Truck-mounted Geoprobe 5400



Notes: Please refer to Figure A-1 for an explanation of symbols.

Log of Direct-Push Boring DP-37

GeoEngineers

Project: Roby's Station RI/FS
Project Location: Buena, Washington
Project Number: 0504-060-02

Figure A-19
Sheet 1 of 1

APPENDIX B
Laboratory Reports

APPENDIX B
LABORATORY REPORTS

Chemical Analytical Data

Chain-of-custody procedures were followed during the transport of the field samples to the accredited analytical laboratory. The samples were held in cold storage pending extraction and/or analysis. The analytical results and quality control records are included in this appendix. Some of the samples were collected in unpreserved containers. Therefore, some of the analytical testing indicated on the chain-of-custody were eliminated based on coordination with the analytical laboratory.

Analytical Data Review

The laboratory maintains an internal quality assurance program as documented in its laboratory quality assurance manual. The laboratory uses a combination of method blanks, trip blanks, lab control samples, surrogate recoveries, duplicates, matrix spike recoveries, matrix spike duplicate recoveries, blank spike recoveries and blank spike duplicate recoveries to evaluate the analytical results. The laboratory also uses data quality goals for individual chemicals or groups of chemicals based on the long-term performance of the test methods. The data quality goals were included in the laboratory reports. The laboratory compared each group of samples with the existing data quality goals and noted any exceptions in the laboratory report. Data quality exceptions documented by the accredited laboratory were reviewed by GeoEngineers and are addressed in the data quality exception section of this appendix.

Data Quality Exception Summary

According to the laboratory, several qualifiers were reported, including surrogate recoveries being above acceptance limits due to matrix interference. Some of the analytical results were qualified as semi-quantitative because the analyte was detected at a concentration between the reporting limit and the detection limit. It is our opinion that the analytical data are of acceptable quality for their intended use.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Spokane
11922 East 1st. Avenue
Spokane, WA 99206
Tel: (509)924-9200

TestAmerica Job ID: SUK0108
Client Project/Site: 0504-060-02
Client Project Description: Roby's Station - Buena

For:
Geo Engineers - Spokane
523 East Second Ave.
Spokane, WA 99202

Attn: Dave Lauder

Authorized for release by:
1/6/2012 1:55:47 PM

Randee Decker
Project Manager
Randee.Decker@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Sample Summary

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
SUK0108-03	DP-21-4.0-111511	Soil	11/15/11 10:35	11/18/11 15:30
SUK0108-05	DP-23-2.5-111511	Soil	11/15/11 11:25	11/18/11 15:30
SUK0108-06	DP-23-111511	Water	11/15/11 12:10	11/18/11 15:30
SUK0108-07	DP-24-7.0-111511	Soil	11/15/11 12:25	11/18/11 15:30
SUK0108-08	DP-25-2.5-111511	Soil	11/15/11 12:35	11/18/11 15:30
SUK0108-09	DP-25-6.0-111511	Soil	11/15/11 12:40	11/18/11 15:30
SUK0108-10	DP-26-2.5-111511	Soil	11/15/11 13:15	11/18/11 15:30
SUK0108-11	DP-26-8.0-111511	Soil	11/15/11 13:25	11/18/11 15:30
SUK0108-12	DP-26-111511	Water	11/15/11 13:55	11/18/11 15:30
SUK0108-13	DP-27-6.0-111511	Soil	11/15/11 14:20	11/18/11 15:30
SUK0108-14	DP-27-9.0-111511	Soil	11/15/11 14:25	11/18/11 15:30
SUK0108-15	DP-28-7.0-111511	Soil	11/15/11 14:35	11/18/11 15:30
SUK0108-16	DP-28-9.0-111511	Soil	11/15/11 14:40	11/18/11 15:30

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Semivolatiles

Qualifier	Qualifier Description
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
QSG	Silica Gel clean-up performed on extracts.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.

Fuels

Qualifier	Qualifier Description
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

GC Volatiles

Qualifier	Qualifier Description
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R4	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

GC Semivolatiles

Qualifier	Qualifier Description
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Metals

Qualifier	Qualifier Description
B	Analyte was detected in the associated Method Blank.

TSEA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Extractions

Qualifier	Qualifier Description
SPS	Percent solids result provided to the TestAmerica Nashville laboratory.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-21-4.0-111511
Date Collected: 11/15/11 10:35
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-03
Matrix: Soil
Percent Solids: 86

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Chloromethane	ND		1.39	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Vinyl chloride	ND		0.166	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Bromomethane	ND		1.39	0.277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Chloroethane	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Trichlorofluoromethane	ND		0.0832	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,1-Dichloroethene	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Carbon disulfide	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Methylene chloride	ND		2.77	0.832	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Acetone	ND		5.55	2.61	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
trans-1,2-Dichloroethene	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Methyl tert-butyl ether	ND		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,1-Dichloroethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
cis-1,2-Dichloroethene	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
2,2-Dichloropropane	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Bromochloromethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Chloroform	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Carbon tetrachloride	ND		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,1,1-Trichloroethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
2-Butanone	ND		2.77	0.277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,1-Dichloropropene	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Benzene	**0.175**		0.0555	0.0222	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2-Dichloroethane (EDC)	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Trichloroethene	ND		0.0693	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Dibromomethane	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2-Dichloropropane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Bromodichloromethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
cis-1,3-Dichloropropene	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Toluene	**0.0527**	**J**	0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
4-Methyl-2-pentanone	ND		2.77	0.277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
trans-1,3-Dichloropropene	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Tetrachloroethene	ND		0.139	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,1,2-Trichloroethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Dibromochloromethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,3-Dichloropropane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2-Dibromoethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
2-Hexanone	ND		2.77	0.277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Ethylbenzene	**1.54**		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Chlorobenzene	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,1,1,2-Tetrachloroethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
m,p-Xylene	**1.98**		1.11	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
o-Xylene	**0.0666**	**J**	0.555	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Styrene	ND		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Bromoform	ND		0.277	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Isopropylbenzene	**0.155**	**J**	0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
n-Propylbenzene	**0.372**		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,1,2,2-Tetrachloroethane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Bromobenzene	ND		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,3,5-Trimethylbenzene	**0.0888**	**J**	0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
2-Chlorotoluene	ND		0.277	0.0139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-21-4.0-111511
Date Collected: 11/15/11 10:35
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-03
Matrix: Soil
Percent Solids: 86

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.277	0.0555	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
4-Chlorotoluene	ND		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
tert-Butylbenzene	ND		0.277	0.0139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2,4-Trimethylbenzene	**3.11**		0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
sec-Butylbenzene	ND		0.277	0.0194	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
p-Isopropyltoluene	**0.0888**	**J**	0.277	0.0194	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,3-Dichlorobenzene	ND		0.277	0.0111	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,4-Dichlorobenzene	ND		0.277	0.0139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
n-Butylbenzene	**0.216**	**J**	0.277	0.0277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2-Dichlorobenzene	ND		0.277	0.0139	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2-Dibromo-3-chloropropane	ND		1.39	0.277	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Hexachlorobutadiene	ND		0.277	0.111	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2,4-Trichlorobenzene	ND		0.277	0.0832	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
Naphthalene	**1.29**		0.555	0.305	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00
1,2,3-Trichlorobenzene	ND		0.277	0.0832	mg/kg dry	☼	11/21/11 08:16	11/21/11 10:40	2.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.6*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 10:40*	*2.00*
Toluene-d8	*107*		*80 - 129*	*11/21/11 08:16*	*11/21/11 10:40*	*2.00*
4-bromofluorobenzene	*125*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 10:40*	*2.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.16		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:17	1.00
1,2-Dibromo-3-chloropropane	ND	R1	1.16		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:17	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		13.2		mg/kg dry	☼	11/19/11 07:15	11/19/11 12:08	1.00
Heavy Oil Range Hydrocarbons	ND		32.9		mg/kg dry	☼	11/19/11 07:15	11/19/11 12:08	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*81.3*		*50 - 150*	*11/19/11 07:15*	*11/19/11 12:08*	*1.00*
p-Terphenyl-d14	*97.2*		*50 - 150*	*11/19/11 07:15*	*11/19/11 12:08*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**18.5**		6.93		mg/kg dry	☼	11/20/11 07:08	11/20/11 10:40	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*138*		*50 - 150*	*11/20/11 07:08*	*11/20/11 10:40*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**3.03**		1.74		mg/kg dry	☼	12/05/11 17:42	12/06/11 14:07	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-23-2.5-111511
Date Collected: 11/15/11 11:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-05
Matrix: Soil
Percent Solids: 97.9

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Chloromethane	ND		14.2	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Vinyl chloride	ND		1.70	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Bromomethane	ND		14.2	2.84	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Chloroethane	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Trichlorofluoromethane	ND		0.852	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,1-Dichloroethene	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Carbon disulfide	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Methylene chloride	ND		28.4	8.52	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Acetone	ND		56.8	26.7	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
trans-1,2-Dichloroethene	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Methyl tert-butyl ether	ND		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,1-Dichloroethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
cis-1,2-Dichloroethene	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
2,2-Dichloropropane	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Bromochloromethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Chloroform	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Carbon tetrachloride	ND		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,1,1-Trichloroethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
2-Butanone	ND		28.4	2.84	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,1-Dichloropropene	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Benzene	ND		0.568	0.227	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2-Dichloroethane (EDC)	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Trichloroethene	**0.597**	**J**	0.710	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Dibromomethane	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2-Dichloropropane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Bromodichloromethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
cis-1,3-Dichloropropene	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Toluene	**2.36**	**J**	2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
4-Methyl-2-pentanone	ND		28.4	2.84	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
trans-1,3-Dichloropropene	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Tetrachloroethene	ND		1.42	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,1,2-Trichloroethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Dibromochloromethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,3-Dichloropropane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2-Dibromoethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
2-Hexanone	ND		28.4	2.84	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Ethylbenzene	**6.48**		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Chlorobenzene	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,1,1,2-Tetrachloroethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
m,p-Xylene	**14.3**		11.4	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
o-Xylene	**18.8**		5.68	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Styrene	ND		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Bromoform	ND		2.84	1.42	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Isopropylbenzene	**2.42**	**J**	2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
n-Propylbenzene	**10.9**		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,1,2,2-Tetrachloroethane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Bromobenzene	ND		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,3,5-Trimethylbenzene	**27.5**		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
2-Chlorotoluene	ND		2.84	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-23-2.5-111511
Date Collected: 11/15/11 11:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-05
Matrix: Soil
Percent Solids: 97.9

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.84	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
4-Chlorotoluene	ND		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
tert-Butylbenzene	ND		2.84	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2,4-Trimethylbenzene	**44.1**		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
sec-Butylbenzene	**3.07**		2.84	0.199	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
p-Isopropyltoluene	**3.35**		2.84	0.199	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,3-Dichlorobenzene	ND		2.84	0.114	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,4-Dichlorobenzene	ND		2.84	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
n-Butylbenzene	**10.9**		2.84	0.284	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2-Dichlorobenzene	ND		2.84	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2-Dibromo-3-chloropropane	ND		14.2	2.84	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Hexachlorobutadiene	ND		2.84	1.14	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2,4-Trichlorobenzene	ND		2.84	0.852	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
Naphthalene	**46.2**		5.68	3.13	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0
1,2,3-Trichlorobenzene	ND		2.84	0.852	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:07	20.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*92.8*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 11:07*	*20.0*
Toluene-d8	*99.0*		*80 - 129*	*11/21/11 08:16*	*11/21/11 11:07*	*20.0*
4-bromofluorobenzene	*174*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 11:07*	*20.0*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.02		ug/kg dry	☼	11/21/11 08:22	11/23/11 23:06	1.00
1,2-Dibromo-3-chloropropane	**1.08**	**R1**	1.02		ug/kg dry	☼	11/21/11 08:22	11/23/11 23:06	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00
PCB-1221	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 13:52	1.00
PCB-1232	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 13:52	1.00
PCB-1242	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 13:52	1.00
PCB-1248	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 13:52	1.00
PCB-1254	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 13:52	1.00
PCB-1260	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00
PCB-1268	ND	QSG	102		ug/kg dry	☼	11/21/11 11:11	11/22/11 13:52	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX		*QSG ZX*	*27.9 - 154*	*11/21/11 11:11*	*11/22/11 14:03*	*1.00*
Decachlorobiphenyl	*43.3*	*QSG*	*35 - 157*	*11/21/11 11:11*	*11/22/11 14:03*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**8380**		1500		mg/kg dry	☼	11/19/11 07:15	11/21/11 23:27	50.0
Heavy Oil Range Hydrocarbons	**21400**		3740		mg/kg dry	☼	11/19/11 07:15	11/21/11 23:27	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*57.8*		*50 - 150*	*11/19/11 07:15*	*11/21/11 23:27*	*50.0*
p-Terphenyl-d14		*Z3*	*50 - 150*	*11/19/11 07:15*	*11/21/11 23:27*	*50.0*

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-23-2.5-111511
Date Collected: 11/15/11 11:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-05
Matrix: Soil
Percent Solids: 97.9

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0903**		0.0672		mg/kg dry	☼	11/15/11 11:25	11/26/11 14:09	50.0
Ethylbenzene	**10.7**		0.0672		mg/kg dry	☼	11/15/11 11:25	11/26/11 14:09	50.0
Methyl tert-Butyl Ether	ND		0.672		mg/kg dry	☼	11/15/11 11:25	11/26/11 14:09	50.0
Toluene	**3.22**		0.0672		mg/kg dry	☼	11/15/11 11:25	11/26/11 14:09	50.0
Xylenes, total	**40.8**		0.202		mg/kg dry	☼	11/15/11 11:25	11/26/11 14:09	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		6.72		mg/kg dry	☼	11/15/11 11:25	11/26/11 14:09	50.0
>C6 to C8 Ali	**7.70**		6.72		mg/kg dry	☼	11/15/11 11:25	11/26/11 14:09	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (FID)	*85*		*60 - 140*	*11/15/11 11:25*	*11/26/11 14:09*	*50.0*
2,5-Dibromotoluene (PID)	*87*		*60 - 140*	*11/15/11 11:25*	*11/26/11 14:09*	*50.0*

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**51.9**		1.68		mg/kg dry	☼	11/15/11 11:25	11/26/11 15:49	250
>C8 to C10 Ali	**182**		33.6		mg/kg dry	☼	11/15/11 11:25	11/26/11 15:49	250
>C8 to C10 Aro	**267**		33.6		mg/kg dry	☼	11/15/11 11:25	11/26/11 15:49	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (FID)	*80*		*60 - 140*	*11/15/11 11:25*	*11/26/11 15:49*	*250*
2,5-Dibromotoluene (PID)	*92*		*60 - 140*	*11/15/11 11:25*	*11/26/11 15:49*	*250*

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons - RE3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10 to C12 Ali	**713**		336		mg/kg dry	☼	11/15/11 11:25	11/28/11 16:48	2500
>C10 to C12 Aro	**791**		336		mg/kg dry	☼	11/15/11 11:25	11/28/11 16:48	2500
>C12 to C13 Aro	**358**		336		mg/kg dry	☼	11/15/11 11:25	11/28/11 16:48	2500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (FID)	*97*		*60 - 140*	*11/15/11 11:25*	*11/28/11 16:48*	*2500*
2,5-Dibromotoluene (PID)	*96*		*60 - 140*	*11/15/11 11:25*	*11/28/11 16:48*	*2500*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**1540**		710		mg/kg dry	☼	11/20/11 07:08	11/20/11 11:05	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*129*		*50 - 150*	*11/20/11 07:08*	*11/20/11 11:05*	*100*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C8-C10 Aliphatics	**67.5**		5.06		mg/kg dry	☼	11/26/11 06:55	11/29/11 18:45	1.00
C8-C10 Aromatics	**21.4**		5.06		mg/kg dry	☼	11/26/11 06:55	11/29/11 19:15	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*60 - 140*	*11/26/11 06:55*	*11/29/11 19:15*	*1.00*
2-Fluorobiphenyl	*113*		*60 - 140*	*11/26/11 06:55*	*11/29/11 19:15*	*1.00*
2-Bromonaphthalene	*128*		*60 - 140*	*11/26/11 06:55*	*11/29/11 19:15*	*1.00*
1-Chlorooctadecane	*55*	*ZX*	*60 - 140*	*11/26/11 06:55*	*11/29/11 18:45*	*1.00*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10 to C12 Ali	**102**		25.3		mg/kg dry	☼	11/26/11 06:55	12/01/11 04:35	5.00

Client Sample ID: DP-23-2.5-111511
Date Collected: 11/15/11 11:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-05
Matrix: Soil
Percent Solids: 97.9

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10 to C12 Aro	54.2		10.1		mg/kg dry	☼	11/26/11 06:55	12/01/11 06:36	2.00

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C12 to C16 Ali	198		50.6		mg/kg dry	☼	11/26/11 06:55	12/01/11 05:05	10.0
>C12 to C16 Aro	93.0		25.3		mg/kg dry	☼	11/26/11 06:55	12/01/11 07:07	5.00
>C16 to C21 Aro	121		25.3		mg/kg dry	☼	11/26/11 06:55	12/01/11 07:07	5.00

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons - RE3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C16 to C21 Ali	361		101		mg/kg dry	☼	11/26/11 06:55	12/01/11 05:36	20.0
>C21 to C34 Aro	449		101		mg/kg dry	☼	11/26/11 06:55	12/01/11 07:37	20.0

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons - RE4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C21 to C34 Ali	4580		1010		mg/kg dry	☼	11/26/11 06:55	12/01/11 06:06	200

Method: EPA 6010C - TCLP Metals by EPA 1311/6010/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0748		0.0350		mg/l		12/30/11 08:53	01/03/12 10:50	1.00

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1270		1.53		mg/kg dry	☼	12/05/11 17:42	12/06/11 14:21	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	97.9	SPS	0.500		%		12/05/11 09:53	12/05/11 09:54	1.00

Client Sample ID: DP-23-111511
Date Collected: 11/15/11 12:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-06
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Chloromethane	ND		30.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Vinyl chloride	ND		2.00		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Bromomethane	ND		50.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Chloroethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Trichlorofluoromethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,1-Dichloroethene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Carbon disulfide	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Methylene chloride	ND		100		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Acetone	ND		250		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
trans-1,2-Dichloroethene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Methyl tert-butyl ether	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,1-Dichloroethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
cis-1,2-Dichloroethene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
2,2-Dichloropropane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Bromochloromethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-23-111511
Date Collected: 11/15/11 12:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-06
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Carbon tetrachloride	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,1,1-Trichloroethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
2-Butanone	ND		100		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,1-Dichloropropene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Benzene	**40.6**		2.00		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2-Dichloroethane (EDC)	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Trichloroethene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Dibromomethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2-Dichloropropane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Bromodichloromethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
cis-1,3-Dichloropropene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Toluene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
4-Methyl-2-pentanone	ND		100		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
trans-1,3-Dichloropropene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Tetrachloroethene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,1,2-Trichloroethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Dibromochloromethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,3-Dichloropropane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2-Dibromoethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
2-Hexanone	ND		100		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Ethylbenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Chlorobenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,1,1,2-Tetrachloroethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
m,p-Xylene	**55.4**		20.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
o-Xylene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Styrene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Bromoform	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Isopropylbenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
n-Propylbenzene	**14.8**		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,1,2,2-Tetrachloroethane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Bromobenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,3,5-Trimethylbenzene	**10.9**		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
2-Chlorotoluene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2,3-Trichloropropane	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
4-Chlorotoluene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
tert-Butylbenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2,4-Trimethylbenzene	**132**		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
sec-Butylbenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
p-Isopropyltoluene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,3-Dichlorobenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,4-Dichlorobenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
n-Butylbenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2-Dichlorobenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2-Dibromo-3-chloropropane	ND		50.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Hexachlorobutadiene	ND		20.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2,4-Trichlorobenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
Naphthalene	ND		20.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0
1,2,3-Trichlorobenzene	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:08	10.0

Client Sample ID: DP-23-111511
Date Collected: 11/15/11 12:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-06
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.4*		*66.5 - 145*	*11/20/11 07:12*	*11/20/11 10:08*	*10.0*
Toluene-d8	*106*		*75.4 - 120*	*11/20/11 07:12*	*11/20/11 10:08*	*10.0*
4-bromofluorobenzene	*106*		*68.4 - 123*	*11/20/11 07:12*	*11/20/11 10:08*	*10.0*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:02	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:02	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:24	1.00
PCB-1221	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:12	1.00
PCB-1232	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:12	1.00
PCB-1242	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:12	1.00
PCB-1248	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:12	1.00
PCB-1254	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:12	1.00
PCB-1260	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:24	1.00
PCB-1268	ND		0.118		ug/l		12/02/11 13:45	12/05/11 12:12	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*60.7*		*40 - 137*	*12/02/11 13:45*	*12/05/11 12:24*	*1.00*
Decachlorobiphenyl	*75.3*		*40 - 124*	*12/02/11 13:45*	*12/05/11 12:24*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**0.289**		0.238		mg/l		11/21/11 09:38	11/23/11 13:58	1.00
Heavy Oil Range Hydrocarbons	ND		0.476		mg/l		11/21/11 09:38	11/23/11 13:58	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*82.6*		*50 - 150*	*11/21/11 09:38*	*11/23/11 13:58*	*1.00*
p-Terphenyl-d14	*83.4*		*50 - 150*	*11/21/11 09:38*	*11/23/11 13:58*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**2600**		100		ug/l		11/21/11 08:18	11/21/11 12:05	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*305*	*ZX*	*37.9 - 162*	*11/21/11 08:18*	*11/21/11 12:05*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	B	0.0300		mg/l		12/05/11 17:45	12/06/11 08:30	1.00

Client Sample ID: DP-24-7.0-111511
Date Collected: 11/15/11 12:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-07
Matrix: Soil
Percent Solids: 64.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Chloromethane	ND		2.29	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-24-7.0-111511
Date Collected: 11/15/11 12:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-07
Matrix: Soil
Percent Solids: 64.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.274	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Bromomethane	ND		2.29	0.457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Chloroethane	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Trichlorofluoromethane	ND		0.137	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,1-Dichloroethene	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Carbon disulfide	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Methylene chloride	ND		4.57	1.37	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Acetone	**9.36**		9.15	4.30	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
trans-1,2-Dichloroethene	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Methyl tert-butyl ether	ND		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,1-Dichloroethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
cis-1,2-Dichloroethene	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
2,2-Dichloropropane	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Bromochloromethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Chloroform	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Carbon tetrachloride	ND		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,1,1-Trichloroethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
2-Butanone	**10.6**		4.57	0.457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,1-Dichloropropene	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Benzene	**1.57**		0.0915	0.0366	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2-Dichloroethane (EDC)	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Trichloroethene	ND		0.114	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Dibromomethane	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2-Dichloropropane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Bromodichloromethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
cis-1,3-Dichloropropene	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Toluene	**0.563**		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
4-Methyl-2-pentanone	**6.12**		4.57	0.457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
trans-1,3-Dichloropropene	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Tetrachloroethene	ND		0.229	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,1,2-Trichloroethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Dibromochloromethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,3-Dichloropropane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2-Dibromoethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
2-Hexanone	ND		4.57	0.457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Ethylbenzene	**10.3**		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Chlorobenzene	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,1,1,2-Tetrachloroethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
m,p-Xylene	**18.8**		1.83	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
o-Xylene	**1.33**		0.915	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Styrene	ND		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Bromoform	ND		0.457	0.229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Isopropylbenzene	**2.90**		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
n-Propylbenzene	**5.84**		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,1,2,2-Tetrachloroethane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Bromobenzene	ND		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,3,5-Trimethylbenzene	**9.14**		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
2-Chlorotoluene	ND		0.457	0.0229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2,3-Trichloropropane	ND		0.457	0.0915	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
4-Chlorotoluene	ND		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-24-7.0-111511
Date Collected: 11/15/11 12:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-07
Matrix: Soil
Percent Solids: 64.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		0.457	0.0229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2,4-Trimethylbenzene	**17.9**		1.14	0.114	mg/kg dry	☼	11/21/11 08:16	11/21/11 11:36	5.00
sec-Butylbenzene	**1.39**		0.457	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
p-Isopropyltoluene	**2.48**		0.457	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,3-Dichlorobenzene	ND		0.457	0.0183	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,4-Dichlorobenzene	ND		0.457	0.0229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
n-Butylbenzene	**2.86**		0.457	0.0457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2-Dichlorobenzene	ND		0.457	0.0229	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2-Dibromo-3-chloropropane	ND		2.29	0.457	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Hexachlorobutadiene	ND		0.457	0.183	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2,4-Trichlorobenzene	ND		0.457	0.137	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
Naphthalene	**11.5**		0.915	0.503	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00
1,2,3-Trichlorobenzene	ND		0.457	0.137	mg/kg dry	☼	11/21/11 08:16	11/21/11 20:01	2.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*94.2*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 20:01*	*2.00*
Toluene-d8	*123*		*80 - 129*	*11/21/11 08:16*	*11/21/11 20:01*	*2.00*
4-bromofluorobenzene	*219*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 20:01*	*2.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.53		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:30	1.00
1,2-Dibromo-3-chloropropane	ND	R1	1.53		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:30	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:15	1.00
PCB-1221	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00
PCB-1232	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00
PCB-1242	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00
PCB-1248	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00
PCB-1254	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00
PCB-1260	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:15	1.00
PCB-1268	ND		155		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:03	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*111*		*27.9 - 154*	*11/21/11 11:11*	*11/22/11 14:15*	*1.00*
Decachlorobiphenyl	*85.2*		*35 - 157*	*11/21/11 11:11*	*11/22/11 14:15*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**21.5**		20.0		mg/kg dry	☼	11/19/11 07:15	11/19/11 13:14	1.00
Heavy Oil Range Hydrocarbons	ND		50.1		mg/kg dry	☼	11/19/11 07:15	11/19/11 13:14	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*95.7*		*50 - 150*	*11/19/11 07:15*	*11/19/11 13:14*	*1.00*
p-Terphenyl-d14	*97.4*		*50 - 150*	*11/19/11 07:15*	*11/19/11 13:14*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**453**		114		mg/kg dry	☼	11/20/11 07:08	11/20/11 11:29	10.0

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-24-7.0-111511
Date Collected: 11/15/11 12:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-07
Matrix: Soil
Percent Solids: 64.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*193*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 11:29*	*10.0*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.91		2.32		mg/kg dry	☼	12/05/11 17:42	12/06/11 14:24	1.00

Method: 8260B TCLP - BTEX TCLP - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	H	100		ug/L		01/05/12 15:08	01/05/12 15:08	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*	*01/05/12 15:08*	*01/05/12 15:08*	*100*
Ethylbenzene-d10	*96*		*80 - 120*	*01/05/12 15:08*	*01/05/12 15:08*	*100*
Fluorobenzene (Surr)	*95*		*80 - 120*	*01/05/12 15:08*	*01/05/12 15:08*	*100*
Toluene-d8 (Surr)	*96*		*85 - 120*	*01/05/12 15:08*	*01/05/12 15:08*	*100*
Trifluorotoluene (Surr)	*105*		*80 - 120*	*01/05/12 15:08*	*01/05/12 15:08*	*100*

Client Sample ID: DP-25-2.5-111511
Date Collected: 11/15/11 12:35
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-08
Matrix: Soil
Percent Solids: 87.8

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Chloromethane	ND		0.633	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Vinyl chloride	ND		0.0760	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Bromomethane	ND		0.633	0.127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Chloroethane	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Trichlorofluoromethane	ND		0.0380	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,1-Dichloroethene	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Carbon disulfide	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Methylene chloride	ND		1.27	0.380	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Acetone	ND		2.53	1.19	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
trans-1,2-Dichloroethene	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Methyl tert-butyl ether	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,1-Dichloroethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
cis-1,2-Dichloroethene	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
2,2-Dichloropropane	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Bromochloromethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Chloroform	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Carbon tetrachloride	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,1,1-Trichloroethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
2-Butanone	ND		1.27	0.127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,1-Dichloropropene	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Benzene	ND		0.0253	0.0101	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2-Dichloroethane (EDC)	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Trichloroethene	ND		0.0317	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Dibromomethane	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2-Dichloropropane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Bromodichloromethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
cis-1,3-Dichloropropene	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-25-2.5-111511
Date Collected: 11/15/11 12:35
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-08
Matrix: Soil
Percent Solids: 87.8

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
4-Methyl-2-pentanone	ND		1.27	0.127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
trans-1,3-Dichloropropene	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Tetrachloroethene	ND		0.0633	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,1,2-Trichloroethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Dibromochloromethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,3-Dichloropropane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2-Dibromoethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
2-Hexanone	ND		1.27	0.127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Ethylbenzene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Chlorobenzene	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,1,1,2-Tetrachloroethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
m,p-Xylene	ND		0.507	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
o-Xylene	**0.0165**	**J**	0.253	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Styrene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Bromoform	ND		0.127	0.0633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Isopropylbenzene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
n-Propylbenzene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,1,2,2-Tetrachloroethane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Bromobenzene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,3,5-Trimethylbenzene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
2-Chlorotoluene	ND		0.127	0.00633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2,3-Trichloropropane	ND		0.127	0.0253	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
4-Chlorotoluene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
tert-Butylbenzene	ND		0.127	0.00633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2,4-Trimethylbenzene	**0.0367**	**J**	0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
sec-Butylbenzene	ND		0.127	0.00887	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
p-Isopropyltoluene	ND		0.127	0.00887	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,3-Dichlorobenzene	ND		0.127	0.00507	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,4-Dichlorobenzene	ND		0.127	0.00633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
n-Butylbenzene	ND		0.127	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2-Dichlorobenzene	ND		0.127	0.00633	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2-Dibromo-3-chloropropane	ND		0.633	0.127	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Hexachlorobutadiene	ND		0.127	0.0507	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2,4-Trichlorobenzene	ND		0.127	0.0380	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
Naphthalene	ND		0.253	0.139	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00
1,2,3-Trichlorobenzene	ND		0.127	0.0380	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:04	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.0*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 12:04*	*1.00*
Toluene-d8	*118*		*80 - 129*	*11/21/11 08:16*	*11/21/11 12:04*	*1.00*
4-bromofluorobenzene	*141*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 12:04*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.12		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:43	1.00
1,2-Dibromo-3-chloropropane	ND		1.12		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:43	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00

Client Sample ID: DP-25-2.5-111511
Date Collected: 11/15/11 12:35
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-08
Matrix: Soil
Percent Solids: 87.8

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:39	1.00
PCB-1232	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:39	1.00
PCB-1242	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:39	1.00
PCB-1248	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:39	1.00
PCB-1254	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:39	1.00
PCB-1260	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00
PCB-1268	ND		56.9		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:39	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*60.9*		*27.9 - 154*	*11/21/11 11:11*	*11/22/11 14:51*	*1.00*
Decachlorobiphenyl	*94.7*		*35 - 157*	*11/21/11 11:11*	*11/22/11 14:51*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		11.4		mg/kg dry	☼	11/19/11 07:15	11/19/11 13:30	1.00
Heavy Oil Range Hydrocarbons	ND		28.5		mg/kg dry	☼	11/19/11 07:15	11/19/11 13:30	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*87.8*		*50 - 150*	*11/19/11 07:15*	*11/19/11 13:30*	*1.00*
p-Terphenyl-d14	*94.8*		*50 - 150*	*11/19/11 07:15*	*11/19/11 13:30*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		6.33		mg/kg dry	☼	11/20/11 07:08	11/20/11 11:55	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*98.3*		*50 - 150*	*11/20/11 07:08*	*11/20/11 11:55*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.50**		1.71		mg/kg dry	☼	12/05/11 17:42	12/06/11 14:28	1.00

Client Sample ID: DP-25-6.0-111511
Date Collected: 11/15/11 12:40
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-09
Matrix: Soil
Percent Solids: 84.7

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Chloromethane	ND		0.669	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Vinyl chloride	ND		0.0803	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Bromomethane	ND		0.669	0.134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Chloroethane	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Trichlorofluoromethane	ND		0.0401	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,1-Dichloroethene	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Carbon disulfide	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Methylene chloride	ND		1.34	0.401	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Acetone	ND		2.68	1.26	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
trans-1,2-Dichloroethene	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Methyl tert-butyl ether	ND		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,1-Dichloroethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-25-6.0-111511
Date Collected: 11/15/11 12:40
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-09
Matrix: Soil
Percent Solids: 84.7

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
2,2-Dichloropropane	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Bromochloromethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Chloroform	**0.0549**	**J**	0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Carbon tetrachloride	ND		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,1,1-Trichloroethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
2-Butanone	**1.85**		1.34	0.134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,1-Dichloropropene	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Benzene	**0.0803**		0.0268	0.0107	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2-Dichloroethane (EDC)	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Trichloroethene	ND		0.0335	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Dibromomethane	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2-Dichloropropane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Bromodichloromethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
cis-1,3-Dichloropropene	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Toluene	ND		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
4-Methyl-2-pentanone	**6.83**		1.34	0.134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
trans-1,3-Dichloropropene	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Tetrachloroethene	ND		0.0669	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,1,2-Trichloroethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Dibromochloromethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,3-Dichloropropane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2-Dibromoethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
2-Hexanone	ND		1.34	0.134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Ethylbenzene	**0.343**		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Chlorobenzene	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,1,1,2-Tetrachloroethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
m,p-Xylene	**0.527**	**J**	0.535	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
o-Xylene	**0.0776**	**J**	0.268	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Styrene	ND		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Bromoform	ND		0.134	0.0669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Isopropylbenzene	**0.518**		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
n-Propylbenzene	**1.00**		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,1,2,2-Tetrachloroethane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Bromobenzene	ND		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,3,5-Trimethylbenzene	**0.281**		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
2-Chlorotoluene	ND		0.134	0.00669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2,3-Trichloropropane	ND		0.134	0.0268	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
4-Chlorotoluene	ND		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
tert-Butylbenzene	ND		0.134	0.00669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2,4-Trimethylbenzene	**5.10**		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
sec-Butylbenzene	**0.610**		0.134	0.00937	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
p-Isopropyltoluene	**1.11**		0.134	0.00937	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,3-Dichlorobenzene	ND		0.134	0.00535	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,4-Dichlorobenzene	ND		0.134	0.00669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
n-Butylbenzene	**0.605**		0.134	0.0134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2-Dichlorobenzene	ND		0.134	0.00669	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2-Dibromo-3-chloropropane	ND		0.669	0.134	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
Hexachlorobutadiene	ND		0.134	0.0535	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2,4-Trichlorobenzene	ND		0.134	0.0401	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00

Client Sample ID: DP-25-6.0-111511
Date Collected: 11/15/11 12:40
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-09
Matrix: Soil
Percent Solids: 84.7

5

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.731		0.268	0.147	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00
1,2,3-Trichlorobenzene	ND		0.134	0.0401	mg/kg dry	☼	11/21/11 08:16	11/21/11 12:32	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*90.2*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 12:32*	*1.00*
Toluene-d8	*123*		*80 - 129*	*11/21/11 08:16*	*11/21/11 12:32*	*1.00*
4-bromofluorobenzene	*461*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 12:32*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.18		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:56	1.00
1,2-Dibromo-3-chloropropane	ND		1.18		ug/kg dry	☼	11/21/11 08:22	11/23/11 15:56	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00
PCB-1221	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00
PCB-1232	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00
PCB-1242	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00
PCB-1248	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00
PCB-1254	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00
PCB-1260	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00
PCB-1268	ND		59.0		ug/kg dry	☼	11/21/11 11:11	11/22/11 14:51	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX		*Z*	*27.9 - 154*	*11/21/11 11:11*	*11/22/11 15:03*	*1.00*
Decachlorobiphenyl	*54.5*		*35 - 157*	*11/21/11 11:11*	*11/22/11 15:03*	*1.00*

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Acenaphthylene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Anthracene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Benzo (a) anthracene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Benzo (a) pyrene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Benzo (b) fluoranthene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Benzo (ghi) perylene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Benzo (k) fluoranthene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Benzoic Acid	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Benzyl alcohol	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
4-Bromophenyl phenyl ether	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Butyl benzyl phthalate	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
4-Chloro-3-methylphenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
4-Chloroaniline	ND		2.65		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Bis(2-chloroethoxy)methane	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Bis(2-chloroethyl)ether	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Bis(2-chloroisopropyl)ether	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2-Chloronaphthalene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2-Chlorophenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
4-Chlorophenyl phenyl ether	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Chrysene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-25-6.0-111511
Date Collected: 11/15/11 12:40
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-09
Matrix: Soil
Percent Solids: 75.1

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Di-n-octyl phthalate	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Dibenzo (a,h) anthracene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Dibenzofuran	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
1,2-Dichlorobenzene	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
1,3-Dichlorobenzene	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
1,4-Dichlorobenzene	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
3,3'-Dichlorobenzidine	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2,4-Dichlorophenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Diethyl phthalate	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2,4-Dimethylphenol	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Dimethyl phthalate	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
4,6-Dinitro-2-methylphenol	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2,4-Dinitrophenol	ND		2.65		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2,4-Dinitrotoluene	ND		0.664		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2,6-Dinitrotoluene	ND		0.664		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Bis(2-ethylhexyl)phthalate	ND		2.65		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Fluoranthene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Fluorene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Hexachlorobenzene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Hexachlorobutadiene	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Hexachlorocyclopentadiene	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Hexachloroethane	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Indeno (1,2,3-cd) pyrene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Isophorone	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2-Methylnaphthalene	**0.455**		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2-Methylphenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
3-,4-Methylphenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Naphthalene	**0.492**		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2-Nitroaniline	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
3-Nitroaniline	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
4-Nitroaniline	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Nitrobenzene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2-Nitrophenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
4-Nitrophenol	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
N-Nitrosodi-n-propylamine	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
N-Nitrosodiphenylamine	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Pentachlorophenol	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Phenanthrene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Phenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
Pyrene	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
1,2,4-Trichlorobenzene	ND		1.33		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2,4,5-Trichlorophenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00
2,4,6-Trichlorophenol	ND		0.438		mg/kg dry	☼	11/29/11 07:09	12/07/11 14:52	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79.7*		*30 - 126*	*11/29/11 07:09*	*12/07/11 14:52*	*1.00*
2-Fluorophenol	*73.8*		*28 - 119*	*11/29/11 07:09*	*12/07/11 14:52*	*1.00*
Nitrobenzene-d5	*64.1*		*26 - 117*	*11/29/11 07:09*	*12/07/11 14:52*	*1.00*
Phenol-d6	*70.8*		*35 - 125*	*11/29/11 07:09*	*12/07/11 14:52*	*1.00*

Client Sample ID: DP-25-6.0-111511
Date Collected: 11/15/11 12:40
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-09
Matrix: Soil
Percent Solids: 75.1

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*108*		*26 - 143*	*11/29/11 07:09*	*12/07/11 14:52*	*1.00*
2,4,6-Tribromophenol	*76.6*		*30 - 127*	*11/29/11 07:09*	*12/07/11 14:52*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**113**		16.2		mg/kg dry	☼	11/19/11 07:15	11/19/11 13:47	1.00
Heavy Oil Range Hydrocarbons	**56.1**		40.4		mg/kg dry	☼	11/19/11 07:15	11/19/11 13:47	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*88.8*		*50 - 150*	*11/19/11 07:15*	*11/19/11 13:47*	*1.00*
p-Terphenyl-d14	*92.9*		*50 - 150*	*11/19/11 07:15*	*11/19/11 13:47*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**612**		335		mg/kg dry	☼	11/20/11 07:08	11/21/11 07:30	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*205*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/21/11 07:30*	*50.0*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.43**		1.77		mg/kg dry	☼	12/05/11 17:42	12/06/11 14:49	1.00

Client Sample ID: DP-26-2.5-111511
Date Collected: 11/15/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-10
Matrix: Soil
Percent Solids: 78.9

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Chloromethane	ND		0.799	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Vinyl chloride	ND		0.0959	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Bromomethane	ND		0.799	0.160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Chloroethane	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Trichlorofluoromethane	ND		0.0480	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,1-Dichloroethene	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Carbon disulfide	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Methylene chloride	ND		1.60	0.480	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Acetone	ND		3.20	1.50	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
trans-1,2-Dichloroethene	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Methyl tert-butyl ether	ND		0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,1-Dichloroethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
cis-1,2-Dichloroethene	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
2,2-Dichloropropane	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Bromochloromethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Chloroform	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Carbon tetrachloride	ND		0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,1,1-Trichloroethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
2-Butanone	ND		1.60	0.160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,1-Dichloropropene	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-2.5-111511
Date Collected: 11/15/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-10
Matrix: Soil
Percent Solids: 78.9

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0320	0.0128	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2-Dichloroethane (EDC)	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Trichloroethene	ND		0.0400	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Dibromomethane	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2-Dichloropropane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Bromodichloromethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
cis-1,3-Dichloropropene	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Toluene	ND		0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
4-Methyl-2-pentanone	**1.87**		1.60	0.160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
trans-1,3-Dichloropropene	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Tetrachloroethene	ND		0.0799	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,1,2-Trichloroethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Dibromochloromethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,3-Dichloropropane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2-Dibromoethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
2-Hexanone	ND		1.60	0.160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Ethylbenzene	**0.0368**	J	0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Chlorobenzene	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,1,1,2-Tetrachloroethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
m,p-Xylene	**0.0416**	J	0.640	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
o-Xylene	ND		0.320	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Styrene	ND		0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Bromoform	ND		0.160	0.0799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Isopropylbenzene	**0.0608**	J	0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
n-Propylbenzene	**0.0895**	J	0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,1,2,2-Tetrachloroethane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Bromobenzene	ND		0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,3,5-Trimethylbenzene	**0.0480**	J	0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
2-Chlorotoluene	ND		0.160	0.00799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2,3-Trichloropropane	ND		0.160	0.0320	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
4-Chlorotoluene	ND		0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
tert-Butylbenzene	ND		0.160	0.00799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2,4-Trimethylbenzene	**0.333**		0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
sec-Butylbenzene	**0.0640**	J	0.160	0.0112	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
p-Isopropyltoluene	**0.0927**	J	0.160	0.0112	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,3-Dichlorobenzene	ND		0.160	0.00640	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,4-Dichlorobenzene	ND		0.160	0.00799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
n-Butylbenzene	**0.0592**	J	0.160	0.0160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2-Dichlorobenzene	ND		0.160	0.00799	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2-Dibromo-3-chloropropane	ND		0.799	0.160	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Hexachlorobutadiene	ND		0.160	0.0640	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2,4-Trichlorobenzene	ND		0.160	0.0480	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
Naphthalene	ND		0.320	0.176	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00
1,2,3-Trichlorobenzene	ND		0.160	0.0480	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*92.4*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 13:00*	*1.00*
Toluene-d8	*122*		*80 - 129*	*11/21/11 08:16*	*11/21/11 13:00*	*1.00*
4-bromofluorobenzene	*187*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 13:00*	*1.00*

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-2.5-111511
Date Collected: 11/15/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-10
Matrix: Soil
Percent Solids: 78.9

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.25		ug/kg dry	☼	11/21/11 08:22	11/23/11 16:09	1.00
1,2-Dibromo-3-chloropropane	ND		1.25		ug/kg dry	☼	11/21/11 08:22	11/23/11 16:09	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:14	1.00
PCB-1221	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00
PCB-1232	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00
PCB-1242	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00
PCB-1248	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00
PCB-1254	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00
PCB-1260	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:14	1.00
PCB-1268	ND		63.4		ug/kg dry	☼	11/21/11 11:11	11/22/11 15:03	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*59.6*		*27.9 - 154*	*11/21/11 11:11*	*11/22/11 15:14*	*1.00*
Decachlorobiphenyl	*67.4*		*35 - 157*	*11/21/11 11:11*	*11/22/11 15:14*	*1.00*

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Acenaphthylene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Anthracene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Benzo (a) anthracene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Benzo (a) pyrene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Benzo (b) fluoranthene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Benzo (ghi) perylene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Benzo (k) fluoranthene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Benzoic Acid	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Benzyl alcohol	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
4-Bromophenyl phenyl ether	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Butyl benzyl phthalate	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
4-Chloro-3-methylphenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
4-Chloroaniline	ND		2.50		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Bis(2-chloroethoxy)methane	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Bis(2-chloroethyl)ether	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Bis(2-chloroisopropyl)ether	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2-Chloronaphthalene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2-Chlorophenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
4-Chlorophenyl phenyl ether	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Chrysene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Di-n-butyl phthalate	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Di-n-octyl phthalate	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Dibenzo (a,h) anthracene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Dibenzofuran	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
1,2-Dichlorobenzene	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
1,3-Dichlorobenzene	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
1,4-Dichlorobenzene	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
3,3'-Dichlorobenzidine	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2,4-Dichlorophenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Diethyl phthalate	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-2.5-111511
Date Collected: 11/15/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-10
Matrix: Soil
Percent Solids: 79.9

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Dimethyl phthalate	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
4,6-Dinitro-2-methylphenol	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2,4-Dinitrophenol	ND		2.50		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2,4-Dinitrotoluene	ND		0.626		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2,6-Dinitrotoluene	ND		0.626		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Bis(2-ethylhexyl)phthalate	ND		2.50		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Fluoranthene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Fluorene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Hexachlorobenzene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Hexachlorobutadiene	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Hexachlorocyclopentadiene	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Hexachloroethane	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Indeno (1,2,3-cd) pyrene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Isophorone	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2-Methylnaphthalene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2-Methylphenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
3-,4-Methylphenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Naphthalene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2-Nitroaniline	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
3-Nitroaniline	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
4-Nitroaniline	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Nitrobenzene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2-Nitrophenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
4-Nitrophenol	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
N-Nitrosodi-n-propylamine	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
N-Nitrosodiphenylamine	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Pentachlorophenol	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Phenanthrene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Phenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
Pyrene	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
1,2,4-Trichlorobenzene	ND		1.25		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2,4,5-Trichlorophenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00
2,4,6-Trichlorophenol	ND		0.413		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:16	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74.4*		*30 - 126*	*11/29/11 07:09*	*12/07/11 15:16*	*1.00*
2-Fluorophenol	*71.5*		*28 - 119*	*11/29/11 07:09*	*12/07/11 15:16*	*1.00*
Nitrobenzene-d5	*67.5*		*26 - 117*	*11/29/11 07:09*	*12/07/11 15:16*	*1.00*
Phenol-d6	*72.5*		*35 - 125*	*11/29/11 07:09*	*12/07/11 15:16*	*1.00*
p-Terphenyl-d14	*92.3*		*26 - 143*	*11/29/11 07:09*	*12/07/11 15:16*	*1.00*
2,4,6-Tribromophenol	*61.9*		*30 - 127*	*11/29/11 07:09*	*12/07/11 15:16*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		12.7		mg/kg dry	☼	11/19/11 07:15	11/19/11 14:03	1.00
Heavy Oil Range Hydrocarbons	ND		31.7		mg/kg dry	☼	11/19/11 07:15	11/19/11 14:03	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*92.8*		*50 - 150*	*11/19/11 07:15*	*11/19/11 14:03*	*1.00*
p-Terphenyl-d14	*94.0*		*50 - 150*	*11/19/11 07:15*	*11/19/11 14:03*	*1.00*

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-2.5-111511
Date Collected: 11/15/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-10
Matrix: Soil
Percent Solids: 78.9

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		7.99		mg/kg dry	☼	11/20/11 07:08	11/20/11 12:45	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*152*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 12:45*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.62**		1.90		mg/kg dry	☼	12/05/11 17:42	12/06/11 14:53	1.00

Client Sample ID: DP-26-8.0-111511
Date Collected: 11/15/11 13:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-11
Matrix: Soil
Percent Solids: 73.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Chloromethane	ND		0.758	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Vinyl chloride	ND		0.0910	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Bromomethane	ND		0.758	0.152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Chloroethane	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Trichlorofluoromethane	ND		0.0455	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,1-Dichloroethene	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Carbon disulfide	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Methylene chloride	ND		1.52	0.455	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Acetone	ND		3.03	1.43	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
trans-1,2-Dichloroethene	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Methyl tert-butyl ether	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,1-Dichloroethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
cis-1,2-Dichloroethene	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
2,2-Dichloropropane	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Bromochloromethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Chloroform	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Carbon tetrachloride	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,1,1-Trichloroethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
2-Butanone	ND		1.52	0.152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,1-Dichloropropene	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Benzene	**0.0516**		0.0303	0.0121	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2-Dichloroethane (EDC)	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Trichloroethene	ND		0.0379	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Dibromomethane	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2-Dichloropropane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Bromodichloromethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
cis-1,3-Dichloropropene	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Toluene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
4-Methyl-2-pentanone	**0.595**	**J**	1.52	0.152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
trans-1,3-Dichloropropene	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Tetrachloroethene	ND		0.0758	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,1,2-Trichloroethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Dibromochloromethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,3-Dichloropropane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00

Client Sample ID: DP-26-8.0-111511
Date Collected: 11/15/11 13:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-11
Matrix: Soil
Percent Solids: 73.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
2-Hexanone	ND		1.52	0.152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Ethylbenzene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Chlorobenzene	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,1,1,2-Tetrachloroethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
m,p-Xylene	**0.0865**	**J**	0.607	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
o-Xylene	ND		0.303	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Styrene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Bromoform	ND		0.152	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Isopropylbenzene	**0.0819**	**J**	0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
n-Propylbenzene	**0.126**	**J**	0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,1,2,2-Tetrachloroethane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Bromobenzene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,3,5-Trimethylbenzene	**0.0470**	**J**	0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
2-Chlorotoluene	ND		0.152	0.00758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2,3-Trichloropropane	ND		0.152	0.0303	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
4-Chlorotoluene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
tert-Butylbenzene	ND		0.152	0.00758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2,4-Trimethylbenzene	**0.610**		0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
sec-Butylbenzene	**0.0561**	**J**	0.152	0.0106	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
p-Isopropyltoluene	**0.0576**	**J**	0.152	0.0106	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,3-Dichlorobenzene	ND		0.152	0.00607	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,4-Dichlorobenzene	ND		0.152	0.00758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
n-Butylbenzene	**0.0637**	**J**	0.152	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2-Dichlorobenzene	ND		0.152	0.00758	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2-Dibromo-3-chloropropane	ND		0.758	0.152	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Hexachlorobutadiene	ND		0.152	0.0607	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2,4-Trichlorobenzene	ND		0.152	0.0455	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
Naphthalene	**0.171**	**J**	0.303	0.167	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00
1,2,3-Trichlorobenzene	ND		0.152	0.0455	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:28	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.2*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 13:28*	*1.00*
Toluene-d8	*122*		*80 - 129*	*11/21/11 08:16*	*11/21/11 13:28*	*1.00*
4-bromofluorobenzene	*150*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 13:28*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.36		ug/kg dry	☼	11/21/11 08:22	11/23/11 16:22	1.00
1,2-Dibromo-3-chloropropane	ND	R1	1.36		ug/kg dry	☼	11/21/11 08:22	11/23/11 16:22	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00
PCB-1221	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 08:59	1.00
PCB-1232	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 08:59	1.00
PCB-1242	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 08:59	1.00
PCB-1248	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 08:59	1.00
PCB-1254	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 08:59	1.00
PCB-1260	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00
PCB-1268	ND		136		ug/kg dry	☼	11/21/11 11:11	11/23/11 08:59	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-8.0-111511
Date Collected: 11/15/11 13:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-11
Matrix: Soil
Percent Solids: 73.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
TCX	47.0		27.9 - 154	11/21/11 11:11	11/23/11 09:10	1.00
Decachlorobiphenyl	78.2		35 - 157	11/21/11 11:11	11/23/11 09:10	1.00

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Acenaphthylene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Anthracene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Benzo (a) anthracene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Benzo (a) pyrene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Benzo (b) fluoranthene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Benzo (ghi) perylene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Benzo (k) fluoranthene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Benzoic Acid	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Benzyl alcohol	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
4-Bromophenyl phenyl ether	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Butyl benzyl phthalate	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
4-Chloro-3-methylphenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
4-Chloroaniline	ND		3.08		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Bis(2-chloroethoxy)methane	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Bis(2-chloroethyl)ether	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Bis(2-chloroisopropyl)ether	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2-Chloronaphthalene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2-Chlorophenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
4-Chlorophenyl phenyl ether	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Chrysene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Di-n-butyl phthalate	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Di-n-octyl phthalate	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Dibenzo (a,h) anthracene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Dibenzofuran	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
1,2-Dichlorobenzene	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
1,3-Dichlorobenzene	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
1,4-Dichlorobenzene	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
3,3'-Dichlorobenzidine	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2,4-Dichlorophenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Diethyl phthalate	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2,4-Dimethylphenol	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Dimethyl phthalate	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
4,6-Dinitro-2-methylphenol	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2,4-Dinitrophenol	ND		3.08		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2,4-Dinitrotoluene	ND		0.769		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2,6-Dinitrotoluene	ND		0.769		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Bis(2-ethylhexyl)phthalate	ND		3.08		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Fluoranthene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Fluorene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Hexachlorobenzene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Hexachlorobutadiene	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Hexachlorocyclopentadiene	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Hexachloroethane	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Indeno (1,2,3-cd) pyrene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Isophorone	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-8.0-111511
Date Collected: 11/15/11 13:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-11
Matrix: Soil
Percent Solids: 64.4

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2-Methylphenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
3-,4-Methylphenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Naphthalene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2-Nitroaniline	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
3-Nitroaniline	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
4-Nitroaniline	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Nitrobenzene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2-Nitrophenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
4-Nitrophenol	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
N-Nitrosodi-n-propylamine	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
N-Nitrosodiphenylamine	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Pentachlorophenol	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Phenanthrene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Phenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
Pyrene	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
1,2,4-Trichlorobenzene	ND		1.54		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2,4,5-Trichlorophenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00
2,4,6-Trichlorophenol	ND		0.508		mg/kg dry	☼	11/29/11 07:09	12/07/11 15:40	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77.2*		*30 - 126*	*11/29/11 07:09*	*12/07/11 15:40*	*1.00*
2-Fluorophenol	*72.3*		*28 - 119*	*11/29/11 07:09*	*12/07/11 15:40*	*1.00*
Nitrobenzene-d5	*70.0*		*26 - 117*	*11/29/11 07:09*	*12/07/11 15:40*	*1.00*
Phenol-d6	*73.5*		*35 - 125*	*11/29/11 07:09*	*12/07/11 15:40*	*1.00*
p-Terphenyl-d14	*92.6*		*26 - 143*	*11/29/11 07:09*	*12/07/11 15:40*	*1.00*
2,4,6-Tribromophenol	*70.8*		*30 - 127*	*11/29/11 07:09*	*12/07/11 15:40*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**168**		24.9		mg/kg dry	☼	11/19/11 07:15	11/19/11 14:58	1.00
Heavy Oil Range Hydrocarbons	ND		62.3		mg/kg dry	☼	11/19/11 07:15	11/19/11 14:58	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*91.5*		*50 - 150*	*11/19/11 07:15*	*11/19/11 14:58*	*1.00*
p-Terphenyl-d14	*98.7*		*50 - 150*	*11/19/11 07:15*	*11/19/11 14:58*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**22.4**		7.58		mg/kg dry	☼	11/20/11 07:08	11/20/11 15:53	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*172*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 15:53*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**16.2**		2.04		mg/kg dry	☼	12/05/11 17:42	12/06/11 14:57	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-111511
Date Collected: 11/15/11 13:55
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-12
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Chloromethane	ND		3.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Vinyl chloride	ND		0.200		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Bromomethane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Chloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Trichlorofluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,1-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Carbon disulfide	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Methylene chloride	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Acetone	ND		25.0		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
trans-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Methyl tert-butyl ether	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,1-Dichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
cis-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
2,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Bromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Chloroform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Carbon tetrachloride	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,1,1-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
2-Butanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,1-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Benzene	**38.8**		0.200		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,2-Dichloroethane (EDC)	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Trichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Dibromomethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Bromodichloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
cis-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Toluene	**1.35**		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
4-Methyl-2-pentanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
trans-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Tetrachloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,1,2-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Dibromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,3-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,2-Dibromoethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
2-Hexanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Ethylbenzene	**1.01**		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Chlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,1,1,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
m,p-Xylene	**21.3**		2.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
o-Xylene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Styrene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Bromoform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Isopropylbenzene	**6.97**		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
n-Propylbenzene	**8.50**		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,1,2,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Bromobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,3,5-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
2-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-111511
Date Collected: 11/15/11 13:55
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-12
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
4-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
tert-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
sec-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
p-Isopropyltoluene	**1.49**		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,3-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,4-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
n-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,2-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,2-Dibromo-3-chloropropane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Hexachlorobutadiene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,2,4-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
Naphthalene	**7.93**		2.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00
1,2,3-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 10:36	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*86.0*		*66.5 - 145*	*11/20/11 07:12*	*11/20/11 10:36*	*1.00*
Toluene-d8	*108*		*75.4 - 120*	*11/20/11 07:12*	*11/20/11 10:36*	*1.00*
4-bromofluorobenzene	*120*		*68.4 - 123*	*11/20/11 07:12*	*11/20/11 10:36*	*1.00*

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**75.9**		10.0		ug/l		11/20/11 07:12	11/20/11 17:35	10.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*86.6*		*66.5 - 145*	*11/20/11 07:12*	*11/20/11 17:35*	*10.0*
Toluene-d8	*107*		*75.4 - 120*	*11/20/11 07:12*	*11/20/11 17:35*	*10.0*
4-bromofluorobenzene	*108*		*68.4 - 123*	*11/20/11 07:12*	*11/20/11 17:35*	*10.0*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:14	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:14	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:35	1.00
PCB-1221	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:24	1.00
PCB-1232	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:24	1.00
PCB-1242	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:24	1.00
PCB-1248	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:24	1.00
PCB-1254	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:24	1.00
PCB-1260	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:35	1.00
PCB-1268	ND		0.263		ug/l		12/02/11 13:45	12/05/11 12:24	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*65.2*		*40 - 137*	*12/02/11 13:45*	*12/05/11 12:35*	*1.00*
Decachlorobiphenyl	*83.1*		*40 - 124*	*12/02/11 13:45*	*12/05/11 12:35*	*1.00*

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-111511
Date Collected: 11/15/11 13:55
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-12
Matrix: Water

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Anthracene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Benzo (a) anthracene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Benzo (a) pyrene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Benzo (b) fluoranthene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Benzo (ghi) perylene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Benzo (k) fluoranthene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Benzoic Acid	ND		47.2		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Benzyl alcohol	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
4-Bromophenyl phenyl ether	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Butyl benzyl phthalate	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
4-Chloro-3-methylphenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
4-Chloroaniline	ND		18.9		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Bis(2-chloroethoxy)methane	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Bis(2-chloroethyl)ether	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Bis(2-chloroisopropyl)ether	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2-Chloronaphthalene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2-Chlorophenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
4-Chlorophenyl phenyl ether	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Chrysene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Di-n-butyl phthalate	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Di-n-octyl phthalate	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Dibenzo (a,h) anthracene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Dibenzofuran	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
1,2-Dichlorobenzene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
1,3-Dichlorobenzene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
1,4-Dichlorobenzene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
3,3'-Dichlorobenzidine	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2,4-Dichlorophenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Diethyl phthalate	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2,4-Dimethylphenol	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Dimethyl phthalate	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
4,6-Dinitro-2-methylphenol	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2,4-Dinitrophenol	ND		23.6		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2,4-Dinitrotoluene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2,6-Dinitrotoluene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Fluoranthene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Fluorene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Hexachlorobenzene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Hexachlorobutadiene	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Hexachlorocyclopentadiene	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Hexachloroethane	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Indeno (1,2,3-cd) pyrene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Isophorone	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2-Methylnaphthalene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2-Methylphenol	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
3-,4-Methylphenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Naphthalene	**6.92**		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2-Nitroaniline	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-26-111511
Date Collected: 11/15/11 13:55
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-12
Matrix: Water

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
4-Nitroaniline	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Nitrobenzene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2-Nitrophenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
4-Nitrophenol	ND		23.6		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
N-Nitrosodi-n-propylamine	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
N-Nitrosodiphenylamine	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Pentachlorophenol	ND		9.43		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Phenanthrene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Phenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
Pyrene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
1,2,4-Trichlorobenzene	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2,4,5-Trichlorophenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00
2,4,6-Trichlorophenol	ND		4.72		ug/l		11/22/11 13:00	12/01/11 20:26	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94.4*		*20 - 120*	*11/22/11 13:00*	*12/01/11 20:26*	*1.00*
2-Fluorophenol	*68.0*		*10 - 120*	*11/22/11 13:00*	*12/01/11 20:26*	*1.00*
Nitrobenzene-d5	*84.7*		*20 - 130*	*11/22/11 13:00*	*12/01/11 20:26*	*1.00*
Phenol-d6	*70.4*		*10 - 125*	*11/22/11 13:00*	*12/01/11 20:26*	*1.00*
p-Terphenyl-d14	*92.6*		*35 - 130*	*11/22/11 13:00*	*12/01/11 20:26*	*1.00*
2,4,6-Tribromophenol	*120*		*20 - 130*	*11/22/11 13:00*	*12/01/11 20:26*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**0.356**		0.237		mg/l		11/21/11 09:38	11/23/11 14:15	1.00
Heavy Oil Range Hydrocarbons	ND		0.474		mg/l		11/21/11 09:38	11/23/11 14:15	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*85.5*		*50 - 150*	*11/21/11 09:38*	*11/23/11 14:15*	*1.00*
p-Terphenyl-d14	*86.4*		*50 - 150*	*11/21/11 09:38*	*11/23/11 14:15*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**461**		100		ug/l		11/21/11 08:18	11/21/11 12:30	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*155*		*37.9 - 162*	*11/21/11 08:18*	*11/21/11 12:30*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	B	0.0300		mg/l		12/05/11 17:45	12/06/11 08:32	1.00

Client Sample ID: DP-27-6.0-111511
Date Collected: 11/15/11 14:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-13
Matrix: Soil
Percent Solids: 76.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Chloromethane	ND		1.61	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-27-6.0-111511
Date Collected: 11/15/11 14:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-13
Matrix: Soil
Percent Solids: 76.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.194	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Bromomethane	ND		1.61	0.323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Chloroethane	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Trichlorofluoromethane	ND		0.0968	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,1-Dichloroethene	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Carbon disulfide	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Methylene chloride	ND		3.23	0.968	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Acetone	ND		6.45	3.03	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
trans-1,2-Dichloroethene	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Methyl tert-butyl ether	ND		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,1-Dichloroethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
cis-1,2-Dichloroethene	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
2,2-Dichloropropane	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Bromochloromethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Chloroform	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Carbon tetrachloride	ND		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,1,1-Trichloroethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
2-Butanone	ND		3.23	0.323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,1-Dichloropropene	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Benzene	**0.381**		0.0645	0.0258	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2-Dichloroethane (EDC)	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Trichloroethene	ND		0.0806	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Dibromomethane	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2-Dichloropropane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Bromodichloromethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
cis-1,3-Dichloropropene	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Toluene	**0.0387**	**J**	0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
4-Methyl-2-pentanone	**1.74**	**J**	3.23	0.323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
trans-1,3-Dichloropropene	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Tetrachloroethene	ND		0.161	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,1,2-Trichloroethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Dibromochloromethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,3-Dichloropropane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2-Dibromoethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
2-Hexanone	ND		3.23	0.323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Ethylbenzene	**0.984**		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Chlorobenzene	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,1,1,2-Tetrachloroethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
m,p-Xylene	**0.474**	**J**	1.29	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
o-Xylene	**0.0968**	**J**	0.645	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Styrene	ND		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Bromoform	ND		0.323	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Isopropylbenzene	**0.532**		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
n-Propylbenzene	**0.877**		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,1,2,2-Tetrachloroethane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Bromobenzene	ND		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,3,5-Trimethylbenzene	**0.935**		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
2-Chlorotoluene	ND		0.323	0.0161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2,3-Trichloropropane	ND		0.323	0.0645	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
4-Chlorotoluene	ND		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00

Client Sample ID: DP-27-6.0-111511
Date Collected: 11/15/11 14:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-13
Matrix: Soil
Percent Solids: 76.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		0.323	0.0161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2,4-Trimethylbenzene	**4.30**		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
sec-Butylbenzene	**0.313**	**J**	0.323	0.0226	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
p-Isopropyltoluene	**0.468**		0.323	0.0226	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,3-Dichlorobenzene	ND		0.323	0.0129	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,4-Dichlorobenzene	ND		0.323	0.0161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
n-Butylbenzene	**0.332**		0.323	0.0323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2-Dichlorobenzene	ND		0.323	0.0161	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2-Dibromo-3-chloropropane	ND		1.61	0.323	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Hexachlorobutadiene	ND		0.323	0.129	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2,4-Trichlorobenzene	ND		0.323	0.0968	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
Naphthalene	**1.40**		0.645	0.355	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00
1,2,3-Trichlorobenzene	ND		0.323	0.0968	mg/kg dry	☼	11/21/11 08:16	11/21/11 13:56	2.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*90.4*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 13:56*	*2.00*
Toluene-d8	*119*		*80 - 129*	*11/21/11 08:16*	*11/21/11 13:56*	*2.00*
4-bromofluorobenzene	*221*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 13:56*	*2.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.29		ug/kg dry	☼	11/21/11 08:22	11/23/11 16:48	1.00
1,2-Dibromo-3-chloropropane	ND		1.29		ug/kg dry	☼	11/21/11 08:22	11/23/11 16:48	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**129**		18.9		mg/kg dry	☼	11/19/11 07:15	11/19/11 15:14	1.00
Heavy Oil Range Hydrocarbons	**52.6**		47.2		mg/kg dry	☼	11/19/11 07:15	11/19/11 15:14	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*96.6*		*50 - 150*	*11/19/11 07:15*	*11/19/11 15:14*	*1.00*
p-Terphenyl-d14	*102*		*50 - 150*	*11/19/11 07:15*	*11/19/11 15:14*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**256**		8.06		mg/kg dry	☼	11/20/11 07:08	11/20/11 16:18	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*55.1*		*50 - 150*	*11/20/11 07:08*	*11/20/11 16:18*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.29**		1.96		mg/kg dry	☼	12/05/11 17:42	12/06/11 15:01	1.00

Client Sample ID: DP-27-9.0-111511
Date Collected: 11/15/11 14:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-14
Matrix: Soil
Percent Solids: 68.9

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-27-9.0-111511
Date Collected: 11/15/11 14:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-14
Matrix: Soil
Percent Solids: 68.9

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.947	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Vinyl chloride	ND		0.114	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Bromomethane	ND		0.947	0.189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Chloroethane	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Trichlorofluoromethane	ND		0.0568	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,1-Dichloroethene	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Carbon disulfide	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Methylene chloride	ND		1.89	0.568	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Acetone	ND		3.79	1.78	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
trans-1,2-Dichloroethene	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Methyl tert-butyl ether	ND		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,1-Dichloroethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
cis-1,2-Dichloroethene	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
2,2-Dichloropropane	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Bromochloromethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Chloroform	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Carbon tetrachloride	ND		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,1,1-Trichloroethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
2-Butanone	ND		1.89	0.189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,1-Dichloropropene	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Benzene	**0.161**		0.0379	0.0152	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2-Dichloroethane (EDC)	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Trichloroethene	ND		0.0474	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Dibromomethane	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2-Dichloropropane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Bromodichloromethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
cis-1,3-Dichloropropene	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Toluene	ND		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
4-Methyl-2-pentanone	ND		1.89	0.189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
trans-1,3-Dichloropropene	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Tetrachloroethene	ND		0.0947	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,1,2-Trichloroethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Dibromochloromethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,3-Dichloropropane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2-Dibromoethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
2-Hexanone	ND		1.89	0.189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Ethylbenzene	**0.0284**	**J**	0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Chlorobenzene	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,1,1,2-Tetrachloroethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
m,p-Xylene	**0.142**	**J**	0.758	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
o-Xylene	ND		0.379	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Styrene	ND		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Bromoform	ND		0.189	0.0947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Isopropylbenzene	**0.142**	**J**	0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
n-Propylbenzene	**0.216**		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,1,2,2-Tetrachloroethane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Bromobenzene	ND		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,3,5-Trimethylbenzene	**0.0511**	**J**	0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
2-Chlorotoluene	ND		0.189	0.00947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2,3-Trichloropropane	ND		0.189	0.0379	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-27-9.0-111511
Date Collected: 11/15/11 14:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-14
Matrix: Soil
Percent Solids: 68.9

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
tert-Butylbenzene	ND		0.189	0.00947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2,4-Trimethylbenzene	**1.10**		0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
sec-Butylbenzene	**0.0701**	**J**	0.189	0.0133	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
p-Isopropyltoluene	**0.0852**	**J**	0.189	0.0133	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,3-Dichlorobenzene	ND		0.189	0.00758	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,4-Dichlorobenzene	ND		0.189	0.00947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
n-Butylbenzene	**0.0871**	**J**	0.189	0.0189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2-Dichlorobenzene	ND		0.189	0.00947	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2-Dibromo-3-chloropropane	ND		0.947	0.189	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Hexachlorobutadiene	ND		0.189	0.0758	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2,4-Trichlorobenzene	ND		0.189	0.0568	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
Naphthalene	**0.224**	**J**	0.379	0.208	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00
1,2,3-Trichlorobenzene	ND		0.189	0.0568	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:24	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*96.6*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 14:24*	*1.00*
Toluene-d8	*119*		*80 - 129*	*11/21/11 08:16*	*11/21/11 14:24*	*1.00*
4-bromofluorobenzene	*140*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 14:24*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.43		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:15	1.00
1,2-Dibromo-3-chloropropane	ND		1.43		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:15	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		14.5		mg/kg dry	☼	11/19/11 07:15	11/19/11 15:31	1.00
Heavy Oil Range Hydrocarbons	ND		36.3		mg/kg dry	☼	11/19/11 07:15	11/19/11 15:31	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*74.0*		*50 - 150*	*11/19/11 07:15*	*11/19/11 15:31*	*1.00*
p-Terphenyl-d14	*94.2*		*50 - 150*	*11/19/11 07:15*	*11/19/11 15:31*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**15.3**		9.47		mg/kg dry	☼	11/20/11 07:08	11/20/11 16:43	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*157*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 16:43*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.18		mg/kg dry	☼	12/05/11 17:42	12/06/11 15:04	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-28-7.0-111511
Date Collected: 11/15/11 14:35
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-15
Matrix: Soil
Percent Solids: 68.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Chloromethane	ND		1.96	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Vinyl chloride	ND		0.235	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Bromomethane	ND		1.96	0.391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Chloroethane	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Trichlorofluoromethane	ND		0.117	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,1-Dichloroethene	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Carbon disulfide	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Methylene chloride	ND		3.91	1.17	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Acetone	ND		7.83	3.68	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
trans-1,2-Dichloroethene	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Methyl tert-butyl ether	ND		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,1-Dichloroethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
cis-1,2-Dichloroethene	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
2,2-Dichloropropane	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Bromochloromethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Chloroform	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Carbon tetrachloride	ND		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,1,1-Trichloroethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
2-Butanone	ND		3.91	0.391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,1-Dichloropropene	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Benzene	**0.442**		0.0783	0.0313	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2-Dichloroethane (EDC)	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Trichloroethene	ND		0.0978	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Dibromomethane	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2-Dichloropropane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Bromodichloromethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
cis-1,3-Dichloropropene	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Toluene	ND		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
4-Methyl-2-pentanone	**1.32**	**J**	3.91	0.391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
trans-1,3-Dichloropropene	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Tetrachloroethene	ND		0.196	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,1,2-Trichloroethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Dibromochloromethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,3-Dichloropropane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2-Dibromoethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
2-Hexanone	ND		3.91	0.391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Ethylbenzene	**0.673**		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Chlorobenzene	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,1,1,2-Tetrachloroethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
m,p-Xylene	**1.35**	**J**	1.57	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
o-Xylene	ND		0.783	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Styrene	ND		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Bromoform	ND		0.391	0.196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Isopropylbenzene	**0.634**		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
n-Propylbenzene	**1.10**		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,1,2,2-Tetrachloroethane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Bromobenzene	ND		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,3,5-Trimethylbenzene	**0.360**	**J**	0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
2-Chlorotoluene	ND		0.391	0.0196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-28-7.0-111511
Date Collected: 11/15/11 14:35
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-15
Matrix: Soil
Percent Solids: 68.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.391	0.0783	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
4-Chlorotoluene	ND		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
tert-Butylbenzene	ND		0.391	0.0196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2,4-Trimethylbenzene	**7.58**		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
sec-Butylbenzene	**0.348**	J	0.391	0.0274	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
p-Isopropyltoluene	**0.626**		0.391	0.0274	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,3-Dichlorobenzene	ND		0.391	0.0157	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,4-Dichlorobenzene	ND		0.391	0.0196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
n-Butylbenzene	**0.634**		0.391	0.0391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2-Dichlorobenzene	ND		0.391	0.0196	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2-Dibromo-3-chloropropane	ND		1.96	0.391	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Hexachlorobutadiene	ND		0.391	0.157	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2,4-Trichlorobenzene	ND		0.391	0.117	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
Naphthalene	**4.68**		0.783	0.431	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00
1,2,3-Trichlorobenzene	ND		0.391	0.117	mg/kg dry	☼	11/21/11 08:16	11/21/11 14:52	2.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.2*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 14:52*	*2.00*
Toluene-d8	*127*		*80 - 129*	*11/21/11 08:16*	*11/21/11 14:52*	*2.00*
4-bromofluorobenzene	*184*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 14:52*	*2.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.45		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:28	1.00
1,2-Dibromo-3-chloropropane	ND	R1	1.45		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:28	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		20.7		mg/kg dry	☼	11/19/11 07:15	11/19/11 15:47	1.00
Heavy Oil Range Hydrocarbons	ND		51.8		mg/kg dry	☼	11/19/11 07:15	11/19/11 15:47	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*82.1*		*50 - 150*	*11/19/11 07:15*	*11/19/11 15:47*	*1.00*
p-Terphenyl-d14	*92.0*		*50 - 150*	*11/19/11 07:15*	*11/19/11 15:47*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**186**		9.78		mg/kg dry	☼	11/20/11 07:08	11/20/11 17:07	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*676*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 17:07*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.19		mg/kg dry	☼	12/05/11 17:42	12/06/11 15:08	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-28-9.0-111511
Date Collected: 11/15/11 14:40
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-16
Matrix: Soil
Percent Solids: 73.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Chloromethane	ND		0.731	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Vinyl chloride	ND		0.0877	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Bromomethane	ND		0.731	0.146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Chloroethane	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Trichlorofluoromethane	ND		0.0438	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,1-Dichloroethene	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Carbon disulfide	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Methylene chloride	ND		1.46	0.438	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Acetone	ND		2.92	1.37	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
trans-1,2-Dichloroethene	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Methyl tert-butyl ether	ND		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,1-Dichloroethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
cis-1,2-Dichloroethene	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
2,2-Dichloropropane	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Bromochloromethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Chloroform	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Carbon tetrachloride	ND		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,1,1-Trichloroethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
2-Butanone	ND		1.46	0.146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,1-Dichloropropene	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Benzene	**0.110**		0.0292	0.0117	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2-Dichloroethane (EDC)	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Trichloroethene	ND		0.0365	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Dibromomethane	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2-Dichloropropane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Bromodichloromethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
cis-1,3-Dichloropropene	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Toluene	ND		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
4-Methyl-2-pentanone	ND		1.46	0.146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
trans-1,3-Dichloropropene	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Tetrachloroethene	ND		0.0731	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,1,2-Trichloroethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Dibromochloromethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,3-Dichloropropane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2-Dibromoethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
2-Hexanone	ND		1.46	0.146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Ethylbenzene	**0.0424**	**J**	0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Chlorobenzene	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,1,1,2-Tetrachloroethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
m,p-Xylene	**0.532**	**J**	0.584	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
o-Xylene	ND		0.292	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Styrene	ND		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Bromoform	ND		0.146	0.0731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Isopropylbenzene	**0.150**		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
n-Propylbenzene	**0.310**		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,1,2,2-Tetrachloroethane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Bromobenzene	ND		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,3,5-Trimethylbenzene	**0.0468**	**J**	0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
2-Chlorotoluene	ND		0.146	0.00731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Client Sample ID: DP-28-9.0-111511
Date Collected: 11/15/11 14:40
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0108-16
Matrix: Soil
Percent Solids: 73.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.146	0.0292	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
4-Chlorotoluene	ND		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
tert-Butylbenzene	ND		0.146	0.00731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2,4-Trimethylbenzene	**1.48**		0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
sec-Butylbenzene	**0.0672**	**J**	0.146	0.0102	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
p-Isopropyltoluene	**0.102**	**J**	0.146	0.0102	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,3-Dichlorobenzene	ND		0.146	0.00584	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,4-Dichlorobenzene	ND		0.146	0.00731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
n-Butylbenzene	**0.117**	**J**	0.146	0.0146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2-Dichlorobenzene	ND		0.146	0.00731	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2-Dibromo-3-chloropropane	ND		0.731	0.146	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Hexachlorobutadiene	ND		0.146	0.0584	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2,4-Trichlorobenzene	ND		0.146	0.0438	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
Naphthalene	**0.386**		0.292	0.161	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00
1,2,3-Trichlorobenzene	ND		0.146	0.0438	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:20	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.0*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 15:20*	*1.00*
Toluene-d8	*122*		*80 - 129*	*11/21/11 08:16*	*11/21/11 15:20*	*1.00*
4-bromofluorobenzene	*140*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 15:20*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.34		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:41	1.00
1,2-Dibromo-3-chloropropane	ND		1.34		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:41	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		13.6		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:03	1.00
Heavy Oil Range Hydrocarbons	ND		34.1		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:03	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*77.9*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:03*	*1.00*
p-Terphenyl-d14	*98.0*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:03*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**18.1**		7.31		mg/kg dry	☼	11/20/11 07:08	11/20/11 17:31	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*168*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 17:31*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.04		mg/kg dry	☼	12/05/11 17:42	12/06/11 15:12	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 11K0116-BLK1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chloromethane	ND		3.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Vinyl chloride	ND		0.200		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromomethane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Trichlorofluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Carbon disulfide	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Methylene chloride	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Acetone	ND		25.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
trans-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Methyl tert-butyl ether	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1-Dichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
cis-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
2,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chloroform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Carbon tetrachloride	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,1-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
2-Butanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Benzene	ND		0.200		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dichloroethane (EDC)	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Trichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Dibromomethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromodichloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
cis-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Toluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
4-Methyl-2-pentanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
trans-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Tetrachloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,2-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Dibromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,3-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dibromoethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
2-Hexanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Ethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,1,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
m,p-Xylene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
o-Xylene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Styrene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromoform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Isopropylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
n-Propylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,2,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,3,5-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11K0116-BLK1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,3-Trichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
4-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
tert-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,4-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
sec-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
p-Isopropyltoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,3-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,4-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
n-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dibromo-3-chloropropane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Hexachlorobutadiene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,4-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Naphthalene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,3-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.4*		*66.5 - 145*	*11/20/11 07:12*	*11/20/11 08:45*	*1.00*
Toluene-d8	*94.4*		*75.4 - 120*	*11/20/11 07:12*	*11/20/11 08:45*	*1.00*
4-bromofluorobenzene	*84.8*		*68.4 - 123*	*11/20/11 07:12*	*11/20/11 08:45*	*1.00*

Lab Sample ID: 11K0116-BS1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.6		ug/l		106	60.4 - 140
Benzene	10.0	10.5		ug/l		105	72.9 - 120
Trichloroethene	10.0	10.1		ug/l		101	73.7 - 120
Toluene	10.0	11.6		ug/l		116	72.4 - 132
Chlorobenzene	10.0	11.0		ug/l		110	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*91.6*		*66.5 - 145*
Toluene-d8	*93.0*		*75.4 - 120*
4-bromofluorobenzene	*86.2*		*68.4 - 123*

Lab Sample ID: 11K0116-MS1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		10.0	10.2		ug/l		102	52.5 - 135
Benzene	ND		10.0	10.2		ug/l		102	72.3 - 120
Trichloroethene	ND		10.0	9.46		ug/l		94.6	80 - 120
Toluene	ND		10.0	11.2		ug/l		112	62.7 - 137
Chlorobenzene	ND		10.0	10.5		ug/l		105	78.9 - 120

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11K0116-MS1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0116_P

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
Dibromofluoromethane	*96.2*		*66.5 - 145*
Toluene-d8	*97.2*		*75.4 - 120*
4-bromofluorobenzene	*102*		*68.4 - 123*

Lab Sample ID: 11K0116-MSD1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		10.0	9.83		ug/l		98.3	52.5 - 135	3.40	10.5
Benzene	ND		10.0	10.2		ug/l		102	72.3 - 120	0.00	10.7
Trichloroethene	ND		10.0	9.47		ug/l		94.7	80 - 120	0.106	10
Toluene	ND		10.0	11.3		ug/l		113	62.7 - 137	0.621	13
Chlorobenzene	ND		10.0	10.6		ug/l		106	78.9 - 120	0.190	11.2

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
Dibromofluoromethane	*88.4*		*66.5 - 145*
Toluene-d8	*101*		*75.4 - 120*
4-bromofluorobenzene	*114*		*68.4 - 123*

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Lab Sample ID: 11K0118-BLK1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chloromethane	ND		0.500	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Vinyl chloride	ND		0.0600	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromomethane	ND		0.500	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chloroethane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Trichlorofluoromethane	ND		0.0300	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Carbon disulfide	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Methylene chloride	ND		1.00	0.300	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Acetone	ND		2.00	0.940	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
trans-1,2-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Methyl tert-butyl ether	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1-Dichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
cis-1,2-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
2,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromochloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chloroform	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Carbon tetrachloride	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,1-Trichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
2-Butanone	ND		1.00	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Benzene	ND		0.0200	0.00800	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Lab Sample ID: 11K0118-BLK1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane (EDC)	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Trichloroethene	ND		0.0250	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Dibromomethane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dichloropropane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromodichloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
cis-1,3-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Toluene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
4-Methyl-2-pentanone	ND		1.00	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
trans-1,3-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Tetrachloroethene	ND		0.0500	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,2-Trichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Dibromochloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,3-Dichloropropane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dibromoethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
2-Hexanone	ND		1.00	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Ethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chlorobenzene	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,1,2-Tetrachloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
m,p-Xylene	ND		0.400	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
o-Xylene	ND		0.200	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Styrene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromoform	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Isopropylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
n-Propylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,2,2-Tetrachloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromobenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,3,5-Trimethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
2-Chlorotoluene	ND		0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,3-Trichloropropane	0.0330	J	0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
4-Chlorotoluene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
tert-Butylbenzene	ND		0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,4-Trimethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
sec-Butylbenzene	ND		0.100	0.00700	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
p-Isopropyltoluene	ND		0.100	0.00700	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,3-Dichlorobenzene	ND		0.100	0.00400	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,4-Dichlorobenzene	ND		0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
n-Butylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dichlorobenzene	0.0130	J	0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dibromo-3-chloropropane	ND		0.500	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Hexachlorobutadiene	ND		0.100	0.0400	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,4-Trichlorobenzene	ND		0.100	0.0300	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Naphthalene	ND		0.200	0.110	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,3-Trichlorobenzene	0.0400	J	0.100	0.0300	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.4*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 09:44*	*1.00*
Toluene-d8	*107*		*80 - 129*	*11/21/11 08:16*	*11/21/11 09:44*	*1.00*
4-bromofluorobenzene	*107*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 09:44*	*1.00*

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Lab Sample ID: 11K0118-BS1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1.00	0.878		mg/kg wet		87.8	54.2 - 150
Benzene	1.00	0.998		mg/kg wet		99.8	75.8 - 122
Trichloroethene	1.00	0.924		mg/kg wet		92.4	78 - 122
Toluene	1.00	1.11		mg/kg wet		111	80 - 124
Chlorobenzene	1.00	1.05		mg/kg wet		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*90.8*		*71.6 - 127*
Toluene-d8	*109*		*80 - 129*
4-bromofluorobenzene	*107*		*57.7 - 149*

Lab Sample ID: 11K0118-MS1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		1.14	1.22		mg/kg dry	☼	107	58.8 - 134
Benzene	0.164		1.14	1.58	M7	mg/kg dry	☼	124	72 - 120
Trichloroethene	ND		1.14	1.28		mg/kg dry	☼	112	71.1 - 121
Toluene	0.0694		1.14	1.71	M7	mg/kg dry	☼	144	75.6 - 120
Chlorobenzene	ND		1.14	1.53	M7	mg/kg dry	☼	134	75.7 - 120

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
Dibromofluoromethane	*89.2*		*71.6 - 127*
Toluene-d8	*122*		*80 - 129*
4-bromofluorobenzene	*141*		*57.7 - 149*

Lab Sample ID: 11K0118-MSD1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		1.14	1.24		mg/kg dry	☼	109	58.8 - 134	1.38	26.4
Benzene	0.164		1.14	1.69	M7	mg/kg dry	☼	134	72 - 120	6.59	29.5
Trichloroethene	ND		1.14	1.32		mg/kg dry	☼	116	71.1 - 121	3.48	29.8
Toluene	0.0694		1.14	1.75	M7	mg/kg dry	☼	147	75.6 - 120	2.13	27
Chlorobenzene	ND		1.14	1.57	M7	mg/kg dry	☼	138	75.7 - 120	2.29	26.6

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
Dibromofluoromethane	*90.4*		*71.6 - 127*
Toluene-d8	*119*		*80 - 129*
4-bromofluorobenzene	*149*		*57.7 - 149*

Method: EPA 8011 - EDB by EPA Method 8011

Lab Sample ID: 11K0113-BLK1
Matrix: Water
Analysis Batch: 11K0113

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0113_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 14:10	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 14:10	1.00

Lab Sample ID: 11K0113-BS1
Matrix: Water
Analysis Batch: 11K0113

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.125	0.0868		ug/l		69.5	60 - 140
1,2-Dibromo-3-chloropropane	0.125	0.132		ug/l		106	60 - 140

Lab Sample ID: 11K0113-BS2
Matrix: Water
Analysis Batch: 11K0113

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.125	0.0976		ug/l		78.0	60 - 140
1,2-Dibromo-3-chloropropane	0.125	0.128		ug/l		102	60 - 140

Lab Sample ID: 11K0113-BSD1
Matrix: Water
Analysis Batch: 11K0113

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0113_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	0.125	0.0928		ug/l		74.2	60 - 140	6.63	20
1,2-Dibromo-3-chloropropane	0.125	0.131		ug/l		105	60 - 140	0.930	20

Lab Sample ID: 11K0120-BLK1
Matrix: Soil
Analysis Batch: 11K0120

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0120_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 14:24	1.00
1,2-Dibromo-3-chloropropane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 14:24	1.00

Lab Sample ID: 11K0120-BLK2
Matrix: Soil
Analysis Batch: 11K0120

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0120_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 19:38	1.00
1,2-Dibromo-3-chloropropane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 19:38	1.00

Lab Sample ID: 11K0120-BS1
Matrix: Soil
Analysis Batch: 11K0120

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0120_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	5.00	5.63		ug/kg wet		113	60 - 140
1,2-Dibromo-3-chloropropane	5.00	5.61		ug/kg wet		112	60 - 140

Method: EPA 8011 - EDB by EPA Method 8011 (Continued)

Lab Sample ID: 11K0120-BS2 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0120 — **Prep Batch: 11K0120_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	5.00	5.50		ug/kg wet		110	60 - 140
1,2-Dibromo-3-chloropropane	5.00	5.35		ug/kg wet		107	60 - 140

Lab Sample ID: 11K0120-BS3 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0120 — **Prep Batch: 11K0120_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	5.00	5.59		ug/kg wet		112	60 - 140
1,2-Dibromo-3-chloropropane	5.00	5.41		ug/kg wet		108	60 - 140

Lab Sample ID: 11K0120-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0120 — **Prep Batch: 11K0120_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	5.00	5.57		ug/kg wet		111	60 - 140	1.00	20
1,2-Dibromo-3-chloropropane	5.00	5.37		ug/kg wet		107	60 - 140	4.39	20

Lab Sample ID: 11K0120-BSD2 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0120 — **Prep Batch: 11K0120_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	5.00	5.73		ug/kg wet		115	60 - 140	4.11	20
1,2-Dibromo-3-chloropropane	5.00	5.63		ug/kg wet		113	60 - 140	5.10	20

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 11K0123-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0123 — **Prep Batch: 11K0123_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1232	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1242	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1248	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1254	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1268	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00

Lab Sample ID: 11K0123-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0123 — **Prep Batch: 11K0123_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:28	1.00
PCB-1260	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:28	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 11K0123-BLK1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0123_P

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*66.6*		*27.9 - 154*	*11/21/11 11:11*	*11/22/11 13:28*	*1.00*
Decachlorobiphenyl	*106*		*35 - 157*	*11/21/11 11:11*	*11/22/11 13:28*	*1.00*

Lab Sample ID: 11K0123-BS1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	167	127		ug/kg wet		76.2	63.1 - 147
PCB-1260	167	155		ug/kg wet		92.8	74.4 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
TCX	*52.6*		*27.9 - 154*
Decachlorobiphenyl	*96.3*		*35 - 157*

Lab Sample ID: 11K0123-BSD1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	167	133		ug/kg wet		80.0	63.1 - 147	4.88	25
PCB-1260	167	160		ug/kg wet		96.2	74.4 - 130	3.54	25

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
TCX	*54.7*		*27.9 - 154*
Decachlorobiphenyl	*103*		*35 - 157*

Lab Sample ID: 11K0123-MS1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: DP-24-7.0-111511
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		516	1730	M1	ug/kg dry	☼	335	50.6 - 145
PCB-1260	ND		516	548		ug/kg dry	☼	106	57.6 - 120

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
TCX	*97.7*		*27.9 - 154*
Decachlorobiphenyl	*80.9*		*35 - 157*

Lab Sample ID: 11K0123-MSD1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: DP-24-7.0-111511
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		516	1860	M1	ug/kg dry	☼	361	50.6 - 145	7.37	40
PCB-1260	ND		516	491		ug/kg dry	☼	95.1	57.6 - 120	11.1	27.4

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 11K0123-MSD1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: DP-24-7.0-111511
Prep Type: Total
Prep Batch: 11K0123_P

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
TCX	*89.3*		*27.9 - 154*
Decachlorobiphenyl	*77.5*		*35 - 157*

Lab Sample ID: 11L0019-BLK1
Matrix: Water
Analysis Batch: 11L0019

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11L0019_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1232	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1242	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1248	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1254	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1268	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00

Lab Sample ID: 11L0019-BLK1
Matrix: Water
Analysis Batch: 11L0019

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11L0019_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.100		ug/l		12/02/11 13:45	12/05/11 12:00	1.00
PCB-1260	ND		0.100		ug/l		12/02/11 13:45	12/05/11 12:00	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*58.2*		*40 - 137*	*12/02/11 13:45*	*12/05/11 12:00*	*1.00*
Decachlorobiphenyl	*79.2*		*40 - 124*	*12/02/11 13:45*	*12/05/11 12:00*	*1.00*

Lab Sample ID: 11L0019-BS1
Matrix: Water
Analysis Batch: 11L0019

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11L0019_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.50	1.72		ug/l		68.8	42.6 - 134
PCB-1260	2.50	1.99		ug/l		79.6	43.1 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
TCX	*66.8*		*40 - 137*
Decachlorobiphenyl	*79.4*		*40 - 124*

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C

Lab Sample ID: 11K0758-BLK1
Matrix: Water
Analysis Batch: 11K0758

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0758_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Acenaphthylene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Anthracene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Lab Sample ID: 11K0758-BLK1
Matrix: Water
Analysis Batch: 11K0758

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0758_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo (a) anthracene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Benzo (a) pyrene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Benzo (b) fluoranthene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Benzo (ghi) perylene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Benzo (k) fluoranthene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Benzoic Acid	ND		50.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Benzyl alcohol	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
4-Bromophenyl phenyl ether	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Butyl benzyl phthalate	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
4-Chloro-3-methylphenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
4-Chloroaniline	ND		20.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Bis(2-chloroethoxy)methane	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Bis(2-chloroethyl)ether	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Bis(2-chloroisopropyl)ether	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2-Chloronaphthalene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2-Chlorophenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
4-Chlorophenyl phenyl ether	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Chrysene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Di-n-butyl phthalate	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Di-n-octyl phthalate	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Dibenzo (a,h) anthracene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Dibenzofuran	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
1,2-Dichlorobenzene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
1,3-Dichlorobenzene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
1,4-Dichlorobenzene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
3,3'-Dichlorobenzidine	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2,4-Dichlorophenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Diethyl phthalate	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2,4-Dimethylphenol	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Dimethyl phthalate	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
4,6-Dinitro-2-methylphenol	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2,4-Dinitrophenol	ND		25.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2,4-Dinitrotoluene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2,6-Dinitrotoluene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Fluoranthene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Fluorene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Hexachlorobenzene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Hexachlorobutadiene	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Hexachlorocyclopentadiene	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Hexachloroethane	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Indeno (1,2,3-cd) pyrene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Isophorone	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2-Methylnaphthalene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2-Methylphenol	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
3-,4-Methylphenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Naphthalene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2-Nitroaniline	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
3-Nitroaniline	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
4-Nitroaniline	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Lab Sample ID: 11K0758-BLK1
Matrix: Water
Analysis Batch: 11K0758

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0758_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2-Nitrophenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
4-Nitrophenol	ND		25.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
N-Nitrosodi-n-propylamine	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
N-Nitrosodiphenylamine	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Pentachlorophenol	ND		10.0		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Phenanthrene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Phenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
Pyrene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
1,2,4-Trichlorobenzene	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2,4,5-Trichlorophenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00
2,4,6-Trichlorophenol	ND		5.00		ug/l		11/22/11 13:00	12/01/11 13:31	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86.3*		*20 - 120*	*11/22/11 13:00*	*12/01/11 13:31*	*1.00*
2-Fluorophenol	*63.6*		*10 - 120*	*11/22/11 13:00*	*12/01/11 13:31*	*1.00*
Nitrobenzene-d5	*92.9*		*20 - 130*	*11/22/11 13:00*	*12/01/11 13:31*	*1.00*
Phenol-d6	*61.3*		*10 - 125*	*11/22/11 13:00*	*12/01/11 13:31*	*1.00*
p-Terphenyl-d14	*86.0*		*35 - 130*	*11/22/11 13:00*	*12/01/11 13:31*	*1.00*
2,4,6-Tribromophenol	*95.1*		*20 - 130*	*11/22/11 13:00*	*12/01/11 13:31*	*1.00*

Lab Sample ID: 11K0758-BS1
Matrix: Water
Analysis Batch: 11K0758

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0758_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	50.6		ug/l		101	55 - 120
4-Chloro-3-methylphenol	50.0	46.3		ug/l		92.6	35 - 135
2-Chlorophenol	50.0	48.8		ug/l		97.7	30 - 130
1,4-Dichlorobenzene	50.0	44.8		ug/l		89.5	10 - 125
2,4-Dinitrotoluene	50.0	50.3		ug/l		101	50 - 130
4-Nitrophenol	50.0	43.8		ug/l		87.6	10 - 150
N-Nitrosodi-n-propylamine	50.0	42.8		ug/l		85.6	40 - 130
Pentachlorophenol	50.0	57.5		ug/l		115	20 - 150
Phenol	50.0	36.2		ug/l		72.5	10 - 145
Pyrene	50.0	48.6		ug/l		97.2	55 - 125
1,2,4-Trichlorobenzene	50.0	45.2		ug/l		90.5	30 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*103*		*20 - 120*
2-Fluorophenol	*77.4*		*10 - 120*
Nitrobenzene-d5	*93.8*		*20 - 130*
Phenol-d6	*81.1*		*10 - 125*
p-Terphenyl-d14	*97.9*		*35 - 130*
2,4,6-Tribromophenol	*112*		*20 - 130*

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Lab Sample ID: 11K0758-BSD1
Matrix: Water
Analysis Batch: 11K0758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0758_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	50.0	52.4		ug/l		105	55 - 120	3.42	50
4-Chloro-3-methylphenol	50.0	51.2		ug/l		102	35 - 135	9.93	50
2-Chlorophenol	50.0	51.1		ug/l		102	30 - 130	4.52	50
1,4-Dichlorobenzene	50.0	48.5		ug/l		97.0	10 - 125	7.98	50
2,4-Dinitrotoluene	50.0	52.8		ug/l		106	50 - 130	5.00	50
4-Nitrophenol	50.0	52.5		ug/l		105	10 - 150	18.1	50
N-Nitrosodi-n-propylamine	50.0	44.1		ug/l		88.2	40 - 130	2.99	50
Pentachlorophenol	50.0	59.5		ug/l		119	20 - 150	3.42	50
Phenol	50.0	41.0		ug/l		81.9	10 - 145	12.3	50
Pyrene	50.0	50.4		ug/l		101	55 - 125	3.76	50
1,2,4-Trichlorobenzene	50.0	48.8		ug/l		97.5	30 - 120	7.45	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
2-Fluorobiphenyl	*106*		*20 - 120*
2-Fluorophenol	*83.8*		*10 - 120*
Nitrobenzene-d5	*94.8*		*20 - 130*
Phenol-d6	*93.6*		*10 - 125*
p-Terphenyl-d14	*101*		*35 - 130*
2,4,6-Tribromophenol	*112*		*20 - 130*

Lab Sample ID: 11K0882-BLK1
Matrix: Soil
Analysis Batch: 11K0882

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0882_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Acenaphthylene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Anthracene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Benzo (a) anthracene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Benzo (a) pyrene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Benzo (b) fluoranthene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Benzo (ghi) perylene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Benzo (k) fluoranthene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Benzoic Acid	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Benzyl alcohol	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
4-Bromophenyl phenyl ether	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Butyl benzyl phthalate	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
4-Chloro-3-methylphenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
4-Chloroaniline	ND		2.00		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Bis(2-chloroethoxy)methane	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Bis(2-chloroethyl)ether	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Bis(2-chloroisopropyl)ether	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2-Chloronaphthalene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2-Chlorophenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
4-Chlorophenyl phenyl ether	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Chrysene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Di-n-butyl phthalate	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Di-n-octyl phthalate	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Dibenzo (a,h) anthracene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Lab Sample ID: 11K0882-BLK1
Matrix: Soil
Analysis Batch: 11K0882

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0882_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
1,2-Dichlorobenzene	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
1,3-Dichlorobenzene	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
1,4-Dichlorobenzene	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
3,3'-Dichlorobenzidine	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2,4-Dichlorophenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Diethyl phthalate	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2,4-Dimethylphenol	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Dimethyl phthalate	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
4,6-Dinitro-2-methylphenol	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2,4-Dinitrophenol	ND		2.00		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2,4-Dinitrotoluene	ND		0.500		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2,6-Dinitrotoluene	ND		0.500		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Bis(2-ethylhexyl)phthalate	ND		2.00		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Fluoranthene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Fluorene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Hexachlorobenzene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Hexachlorobutadiene	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Hexachlorocyclopentadiene	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Hexachloroethane	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Indeno (1,2,3-cd) pyrene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Isophorone	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2-Methylnaphthalene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2-Methylphenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
3-,4-Methylphenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Naphthalene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2-Nitroaniline	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
3-Nitroaniline	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
4-Nitroaniline	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Nitrobenzene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2-Nitrophenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
4-Nitrophenol	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
N-Nitrosodi-n-propylamine	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
N-Nitrosodiphenylamine	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Pentachlorophenol	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Phenanthrene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Phenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
Pyrene	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
1,2,4-Trichlorobenzene	ND		0.999		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2,4,5-Trichlorophenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00
2,4,6-Trichlorophenol	ND		0.330		mg/kg wet		11/29/11 07:09	12/07/11 12:26	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89.8*		*30 - 126*	*11/29/11 07:09*	*12/07/11 12:26*	*1.00*
2-Fluorophenol	*82.5*		*28 - 119*	*11/29/11 07:09*	*12/07/11 12:26*	*1.00*
Nitrobenzene-d5	*79.7*		*26 - 117*	*11/29/11 07:09*	*12/07/11 12:26*	*1.00*
Phenol-d6	*84.5*		*35 - 125*	*11/29/11 07:09*	*12/07/11 12:26*	*1.00*
p-Terphenyl-d14	*97.9*		*26 - 143*	*11/29/11 07:09*	*12/07/11 12:26*	*1.00*
2,4,6-Tribromophenol	*92.7*		*30 - 127*	*11/29/11 07:09*	*12/07/11 12:26*	*1.00*

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Lab Sample ID: 11K0882-BS1
Matrix: Soil
Analysis Batch: 11K0882

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0882_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.64	1.47		mg/kg wet		89.7	46 - 120
4-Chloro-3-methylphenol	1.64	1.76		mg/kg wet		107	36 - 138
2-Chlorophenol	1.64	1.45		mg/kg wet		88.6	18 - 137
1,4-Dichlorobenzene	1.64	1.34		mg/kg wet		81.5	7 - 135
2,4-Dinitrotoluene	1.64	1.67		mg/kg wet		102	49 - 125
4-Nitrophenol	1.64	1.82		mg/kg wet		111	40 - 148
N-Nitrosodi-n-propylamine	1.64	1.31		mg/kg wet		79.6	20 - 138
Pentachlorophenol	1.64	1.37		mg/kg wet		83.2	22 - 129
Phenol	1.64	1.21		mg/kg wet		73.9	37 - 122
Pyrene	1.64	1.47		mg/kg wet		89.7	26 - 143
1,2,4-Trichlorobenzene	1.64	1.37		mg/kg wet		83.7	25 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*91.8*		*30 - 126*
2-Fluorophenol	*83.2*		*28 - 119*
Nitrobenzene-d5	*82.6*		*26 - 117*
Phenol-d6	*77.5*		*35 - 125*
p-Terphenyl-d14	*101*		*26 - 143*
2,4,6-Tribromophenol	*98.7*		*30 - 127*

Lab Sample ID: 11K0882-MS1
Matrix: Soil
Analysis Batch: 11K0882

Client Sample ID: DP-25-6.0-111511
Prep Type: Total
Prep Batch: 11K0882_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		2.22	2.05		mg/kg dry	☼	92.6	26 - 150
4-Chloro-3-methylphenol	ND		2.22	2.83		mg/kg dry	☼	128	26 - 150
2-Chlorophenol	ND		2.22	2.11		mg/kg dry	☼	95.0	8 - 150
1,4-Dichlorobenzene	ND		2.22	1.80		mg/kg dry	☼	81.1	4 - 150
2,4-Dinitrotoluene	ND		2.22	2.31		mg/kg dry	☼	104	32 - 150
4-Nitrophenol	ND		2.22	2.45		mg/kg dry	☼	110	20 - 175
N-Nitrosodi-n-propylamine	ND		2.22	1.40		mg/kg dry	☼	63.0	10 - 150
Pentachlorophenol	ND		2.22	2.08		mg/kg dry	☼	93.7	12 - 150
Phenol	ND		2.22	1.63		mg/kg dry	☼	73.7	17 - 150
Pyrene	ND		2.22	2.11		mg/kg dry	☼	95.2	16 - 175
1,2,4-Trichlorobenzene	ND		2.22	2.10		mg/kg dry	☼	94.8	18 - 150

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
2-Fluorobiphenyl	*90.2*		*30 - 126*
2-Fluorophenol	*84.6*		*28 - 119*
Nitrobenzene-d5	*72.3*		*26 - 117*
Phenol-d6	*77.4*		*35 - 125*
p-Terphenyl-d14	*100*		*26 - 143*
2,4,6-Tribromophenol	*101*		*30 - 127*

Method: EPA 8270C - Semivolatile Organic Compounds per EPA Method 8270C (Continued)

Lab Sample ID: 11K0882-MSD1
Matrix: Soil
Analysis Batch: 11K0882

Client Sample ID: DP-25-6.0-111511
Prep Type: Total
Prep Batch: 11K0882_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		2.22	1.94		mg/kg dry	☼	87.6	26 - 150	5.44	60
4-Chloro-3-methylphenol	ND		2.22	2.58		mg/kg dry	☼	116	26 - 150	9.18	60
2-Chlorophenol	ND		2.22	1.92		mg/kg dry	☼	86.4	8 - 150	9.37	60
1,4-Dichlorobenzene	ND		2.22	1.71		mg/kg dry	☼	77.3	4 - 150	4.73	60
2,4-Dinitrotoluene	ND		2.22	2.13		mg/kg dry	☼	96.1	32 - 150	7.87	60
4-Nitrophenol	ND		2.22	2.13		mg/kg dry	☼	95.8	20 - 175	14.1	60
N-Nitrosodi-n-propylamine	ND		2.22	1.43		mg/kg dry	☼	64.3	10 - 150	2.20	60
Pentachlorophenol	ND		2.22	1.70		mg/kg dry	☼	76.5	12 - 150	20.1	60
Phenol	ND		2.22	1.49		mg/kg dry	☼	67.1	17 - 150	9.25	60
Pyrene	ND		2.22	2.14		mg/kg dry	☼	96.4	16 - 175	1.32	60
1,2,4-Trichlorobenzene	ND		2.22	2.09		mg/kg dry	☼	94.2	18 - 150	0.505	60

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
2-Fluorobiphenyl	*85.7*		*30 - 126*
2-Fluorophenol	*83.7*		*28 - 119*
Nitrobenzene-d5	*63.5*		*26 - 117*
Phenol-d6	*67.6*		*35 - 125*
p-Terphenyl-d14	*104*		*26 - 143*
2,4,6-Tribromophenol	*93.9*		*30 - 127*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Lab Sample ID: 11K0112-BLK1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		10.0		mg/kg wet		11/19/11 07:15	11/19/11 11:35	1.00
Heavy Oil Range Hydrocarbons	ND		25.0		mg/kg wet		11/19/11 07:15	11/19/11 11:35	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*95.3*		*50 - 150*	*11/19/11 07:15*	*11/19/11 11:35*	*1.00*
p-Terphenyl-d14	*100*		*50 - 150*	*11/19/11 07:15*	*11/19/11 11:35*	*1.00*

Lab Sample ID: 11K0112-BS1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons	83.3	77.5		mg/kg wet		92.9	73 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-FBP	*92.9*		*50 - 150*
p-Terphenyl-d14	*99.9*		*50 - 150*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx (Continued)

Lab Sample ID: 11K0112-MS1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: DP-21-4.0-111511
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Hydrocarbons	ND		169	157		mg/kg dry	☼	92.9	70.1 - 139		

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
2-FBP	*92.1*		*50 - 150*
p-Terphenyl-d14	*99.2*		*50 - 150*

Lab Sample ID: 11K0112-DUP1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: DP-21-4.0-111511
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Hydrocarbons	ND		ND		mg/kg dry	☼		40
Heavy Oil Range Hydrocarbons	ND		ND		mg/kg dry	☼		40

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
2-FBP	*82.4*		*50 - 150*
p-Terphenyl-d14	*95.0*		*50 - 150*

Lab Sample ID: 11K0122-BLK1
Matrix: Water
Analysis Batch: 11K0122

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0122_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		0.250		mg/l		11/21/11 09:38	11/23/11 13:09	1.00
Heavy Oil Range Hydrocarbons	ND		0.500		mg/l		11/21/11 09:38	11/23/11 13:09	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*88.0*		*50 - 150*	*11/21/11 09:38*	*11/23/11 13:09*	*1.00*
p-Terphenyl-d14	*90.2*		*50 - 150*	*11/21/11 09:38*	*11/23/11 13:09*	*1.00*

Lab Sample ID: 11K0122-BS1
Matrix: Water
Analysis Batch: 11K0122

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0122_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Hydrocarbons			2.50	2.13		mg/l		85.2	54.5 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-FBP	*83.2*		*50 - 150*
p-Terphenyl-d14	*85.3*		*50 - 150*

Lab Sample ID: 11K0122-BSD1
Matrix: Water
Analysis Batch: 11K0122

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0122_P

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Hydrocarbons			2.50	2.65		mg/l		106	54.5 - 136	21.6	32.5

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx (Continued)

Lab Sample ID: 11K0122-BSD1
Matrix: Water
Analysis Batch: 11K0122

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0122_P

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
2-FBP	108		50 - 150
p-Terphenyl-d14	108		50 - 150

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 11K6225-BLK1
Matrix: Soil
Analysis Batch: U020892

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6225_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Ethylbenzene	ND		0.0500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Methyl tert-Butyl Ether	ND		0.500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Naphthalene	ND		0.250		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Toluene	ND		0.0500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Xylenes, total	ND		0.150		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C6 to C8 Ali	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C8 to C10 Ali	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C10 to C12 Ali	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C8 to C10 Aro	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C10 to C12 Aro	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C12 to C13 Aro	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,5-Dibromotoluene (FID)	98		60 - 140	11/26/11 00:00	11/26/11 09:55	50.0
2,5-Dibromotoluene (PID)	102		60 - 140	11/26/11 00:00	11/26/11 09:55	50.0

Lab Sample ID: 11K6225-BS1
Matrix: Soil
Analysis Batch: U020892

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6225_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.0953		mg/kg wet		95	70 - 130
Ethylbenzene	0.100	0.0967		mg/kg wet		97	70 - 130
Methyl tert-Butyl Ether	0.100	0.0897		mg/kg wet		90	70 - 130
Naphthalene	0.100	0.0899		mg/kg wet		90	70 - 130
Toluene	0.100	0.0957		mg/kg wet		96	70 - 130
Xylenes, total	0.300	0.293		mg/kg wet		98	70 - 130
C5 - C6 Aliphatic Hydrocarbons	0.300	0.272		mg/kg wet		91	70 - 130
>C6 to C8 Ali	0.200	0.179		mg/kg wet		89	70 - 130
>C8 to C10 Ali	0.600	0.564		mg/kg wet		94	70 - 130
>C10 to C12 Ali	0.200	0.180		mg/kg wet		90	70 - 130
>C8 to C10 Aro	0.500	0.449		mg/kg wet		90	70 - 130
>C10 to C12 Aro	0.100	0.0996		mg/kg wet		100	70 - 130
>C12 to C13 Aro	0.100	0.112		mg/kg wet		112	70 - 130

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11K6225-BS1
Matrix: Soil
Analysis Batch: U020892

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6225_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,5-Dibromotoluene (FID)	95		60 - 140
2,5-Dibromotoluene (PID)	100		60 - 140

Lab Sample ID: 11K6447-BLK1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Ethylbenzene	ND		0.0500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Methyl tert-Butyl Ether	ND		0.500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Naphthalene	ND		0.250		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Toluene	ND		0.0500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Xylenes, total	ND		0.150		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C6 to C8 Ali	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C8 to C10 Ali	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C10 to C12 Ali	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C8 to C10 Aro	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C10 to C12 Aro	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C12 to C13 Aro	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,5-Dibromotoluene (FID)	86		60 - 140	11/28/11 00:00	11/28/11 15:51	50.0
2,5-Dibromotoluene (PID)	83		60 - 140	11/28/11 00:00	11/28/11 15:51	50.0

Lab Sample ID: 11K6447-BS1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.0945		mg/kg wet		94	70 - 130
Ethylbenzene	0.100	0.0931		mg/kg wet		93	70 - 130
Methyl tert-Butyl Ether	0.100	0.0931		mg/kg wet		93	70 - 130
Naphthalene	0.100	0.0813		mg/kg wet		81	70 - 130
Toluene	0.100	0.0937		mg/kg wet		94	70 - 130
Xylenes, total	0.300	0.284		mg/kg wet		95	70 - 130
C5 - C6 Aliphatic Hydrocarbons	0.300	0.209		mg/kg wet		70	70 - 130
>C6 to C8 Ali	0.200	0.166		mg/kg wet		83	70 - 130
>C8 to C10 Ali	0.600	0.534		mg/kg wet		89	70 - 130
>C10 to C12 Ali	0.200	0.170		mg/kg wet		85	70 - 130
>C8 to C10 Aro	0.500	0.431		mg/kg wet		86	70 - 130
>C10 to C12 Aro	0.100	0.0862		mg/kg wet		86	70 - 130
>C12 to C13 Aro	0.100	0.0802		mg/kg wet		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,5-Dibromotoluene (FID)	95		60 - 140
2,5-Dibromotoluene (PID)	95		60 - 140

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11K6447-MS1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: DP-23-2.5-111511
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		128	126		mg/kg dry	☼	98	70 - 130
Ethylbenzene	10.9		128	138		mg/kg dry	☼	100	70 - 130
Methyl tert-Butyl Ether	ND		128	116		mg/kg dry	☼	91	70 - 130
Naphthalene	47.1		128	150		mg/kg dry	☼	80	70 - 130
Toluene	4.00		128	130		mg/kg dry	☼	98	70 - 130
Xylenes, total	44.6		383	431		mg/kg dry	☼	101	70 - 130
C5 - C6 Aliphatic Hydrocarbons	ND		383	344		mg/kg dry	☼	90	70 - 130
>C6 to C8 Ali	ND		255	257		mg/kg dry	☼	101	70 - 130
>C8 to C10 Ali	206		766	924		mg/kg dry	☼	94	70 - 130
>C10 to C12 Ali	713		255	848	M8	mg/kg dry	☼	52	70 - 130
>C8 to C10 Aro	301		638	862		mg/kg dry	☼	88	70 - 130
>C10 to C12 Aro	791		128	826	M8	mg/kg dry	☼	27	70 - 130
>C12 to C13 Aro	358		128	365	M8	mg/kg dry	☼	6	70 - 130

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
2,5-Dibromotoluene (FID)	*99*		*60 - 140*
2,5-Dibromotoluene (PID)	*105*		*60 - 140*

Lab Sample ID: 11K6447-MSD1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: DP-23-2.5-111511
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		128	129		mg/kg dry	☼	101	70 - 130	3	25
Ethylbenzene	10.9		128	141		mg/kg dry	☼	102	70 - 130	2	25
Methyl tert-Butyl Ether	ND		128	118		mg/kg dry	☼	92	70 - 130	1	25
Naphthalene	47.1		128	172		mg/kg dry	☼	98	70 - 130	14	25
Toluene	4.00		128	133		mg/kg dry	☼	101	70 - 130	2	25
Xylenes, total	44.6		383	441		mg/kg dry	☼	103	70 - 130	2	25
C5 - C6 Aliphatic Hydrocarbons	ND		383	388		mg/kg dry	☼	101	70 - 130	12	25
>C6 to C8 Ali	ND		255	260		mg/kg dry	☼	102	70 - 130	1	25
>C8 to C10 Ali	206		766	950		mg/kg dry	☼	97	70 - 130	3	25
>C10 to C12 Ali	713		255	859	M8	mg/kg dry	☼	57	70 - 130	1	25
>C8 to C10 Aro	301		638	876		mg/kg dry	☼	90	70 - 130	2	25
>C10 to C12 Aro	791		128	841	M8	mg/kg dry	☼	39	70 - 130	2	25
>C12 to C13 Aro	358		128	647	M7	mg/kg dry	☼	226	70 - 130	56	25

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
2,5-Dibromotoluene (FID)	*121*		*60 - 140*
2,5-Dibromotoluene (PID)	*112*		*60 - 140*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Lab Sample ID: 11K0114-BLK1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5.00		mg/kg wet		11/20/11 07:08	11/20/11 09:24	1.00

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx (Continued)

Lab Sample ID: 11K0114-BLK1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0114_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-BFB (FID)	102		50 - 150	11/20/11 07:08	11/20/11 09:24	1.00

Lab Sample ID: 11K0114-BS1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	25.0	22.7		mg/kg wet		90.9	74.4 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-BFB (FID)	124		50 - 150

Lab Sample ID: 11K0114-BSD1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Hydrocarbons	25.0	22.7		mg/kg wet		90.9	74.4 - 124	0.00449	20

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
4-BFB (FID)	133		50 - 150

Lab Sample ID: 11K0114-DUP1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: DP-26-2.5-111511
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Gasoline Range Hydrocarbons	4.62		2.71	R4	mg/kg dry	☼	52.2	32.3

Surrogate	Duplicate %Recovery	Duplicate Qualifier	Limits
4-BFB (FID)	113		50 - 150

Lab Sample ID: 11K0114-DUP2
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Gasoline Range Hydrocarbons	0.813		0.367	R4	mg/kg dry	☼	75.6	32.3

Surrogate	Duplicate %Recovery	Duplicate Qualifier	Limits
4-BFB (FID)	96.7		50 - 150

Lab Sample ID: 11K0119-BLK1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		100		ug/l		11/21/11 08:18	11/21/11 11:15	1.00

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx (Continued)

Lab Sample ID: 11K0119-BLK1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0119_P

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*97.7*		*37.9 - 162*	*11/21/11 08:18*	*11/21/11 11:15*	*1.00*

Lab Sample ID: 11K0119-BS1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	1000	910		ug/l		91.0	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-BFB (FID)	*121*		*37.9 - 162*

Lab Sample ID: 11K0119-MS1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	ND		1000	882		ug/l		88.2	55.6 - 126

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
4-BFB (FID)	*123*		*37.9 - 162*

Lab Sample ID: 11K0119-DUP1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Gasoline Range Hydrocarbons	ND		ND		ug/l			35

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
4-BFB (FID)	*100*		*37.9 - 162*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons

Lab Sample ID: 11K6185-BLK1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C8-C10 Aliphatics	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C10 to C12 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C12 to C16 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C16 to C21 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C21 to C34 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane	*82*		*60 - 140*	*11/26/11 06:55*	*11/29/11 15:42*	*1.00*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11K6185-BLK1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10 to C12 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00
>C12 to C16 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00
>C16 to C21 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00
>C21 to C34 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*104*		*60 - 140*	*11/26/11 06:55*	*11/30/11 15:26*	*1.00*
2-Fluorobiphenyl	*125*		*60 - 140*	*11/26/11 06:55*	*11/30/11 15:26*	*1.00*
2-Bromonaphthalene	*141*	*Z2*	*60 - 140*	*11/26/11 06:55*	*11/30/11 15:26*	*1.00*

Lab Sample ID: 11K6185-BS1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C8-C10 Aliphatics	10.0	6.71		mg/kg wet		67	50 - 150
>C10 to C12 Ali	5.00	3.91		mg/kg wet		78	70 - 130
>C12 to C16 Ali	10.0	8.66		mg/kg wet		87	70 - 130
>C16 to C21 Ali	15.0	14.2		mg/kg wet		95	70 - 130
>C21 to C34 Ali	25.0	23.5		mg/kg wet		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctadecane	*77*		*60 - 140*

Lab Sample ID: 11K6185-BS1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
>C10 to C12 Aro	5.00	4.77		mg/kg wet		95	70 - 130
>C12 to C16 Aro	15.0	15.3		mg/kg wet		102	70 - 130
>C16 to C21 Aro	25.0	25.8		mg/kg wet		103	70 - 130
>C21 to C34 Aro	40.0	46.0		mg/kg wet		115	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*88*		*60 - 140*
2-Fluorobiphenyl	*117*		*60 - 140*
2-Bromonaphthalene	*129*		*60 - 140*

Method: EPA 6010C - TCLP Metals by EPA 1311/6010/7000 Series Methods

Lab Sample ID: 11L0155-BLK1
Matrix: Ash
Analysis Batch: 11L0155

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 11L0155_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0350		mg/l		12/30/11 08:53	01/03/12 10:45	1.00

Method: EPA 6010C - TCLP Metals by EPA 1311/6010/7000 Series Methods (Continued)

Lab Sample ID: 11L0155-BLK2 — **Client Sample ID: Method Blank**
Matrix: Ash — **Prep Type: TCLP**
Analysis Batch: 11L0155 — **Prep Batch: 11L0155_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0350		mg/l		12/30/11 08:53	01/03/12 10:47	1.00

Lab Sample ID: 11L0155-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Ash — **Prep Type: TCLP**
Analysis Batch: 11L0155 — **Prep Batch: 11L0155_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.998		mg/l		99.8	80 - 130

Lab Sample ID: 11L0155-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Ash — **Prep Type: TCLP**
Analysis Batch: 11L0155 — **Prep Batch: 11L0155_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.0332		1.00	0.996		mg/l		96.3	70 - 130

Lab Sample ID: 11L0155-MSD1 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Ash — **Prep Type: TCLP**
Analysis Batch: 11L0155 — **Prep Batch: 11L0155_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.0332		1.00	1.01		mg/l		97.5	70 - 130	1.17	20

Lab Sample ID: 11L0155-DUP1 — **Client Sample ID: Duplicate**
Matrix: Ash — **Prep Type: TCLP**
Analysis Batch: 11L0155 — **Prep Batch: 11L0155_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Lead	0.0332		0.0325		mg/l		2.05	20

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Lab Sample ID: 11L0028-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11L0028 — **Prep Batch: 11L0028_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.50		mg/kg wet		12/05/11 15:15	12/06/11 14:04	1.00

Lab Sample ID: 11L0028-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11L0028 — **Prep Batch: 11L0028_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	49.1		mg/kg wet		98.1	80 - 120

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods (Continued)

Lab Sample ID: 11L0028-MS1 — **Client Sample ID: DP-21-4.0-111511**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11L0028 — **Prep Batch: 11L0028_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	3.03		58.1	53.4		mg/kg dry	☼	86.6	75 - 125

Lab Sample ID: 11L0028-MSD1 — **Client Sample ID: DP-21-4.0-111511**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11L0028 — **Prep Batch: 11L0028_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	3.03		58.1	53.5		mg/kg dry	☼	86.9	75 - 125	0.361	20

Lab Sample ID: 11L0028-DUP1 — **Client Sample ID: DP-21-4.0-111511**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11L0028 — **Prep Batch: 11L0028_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Lead	3.03		2.79		mg/kg dry	☼	8.35	20

Lab Sample ID: 11L0030-BLK1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11L0030 — **Prep Batch: 11L0030_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0972	B	0.0300		mg/l		12/05/11 17:45	12/06/11 08:27	1.00

Lab Sample ID: 11L0030-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11L0030 — **Prep Batch: 11L0030_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	49.3		mg/l		98.6	80 - 120

Lab Sample ID: 11L0030-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11L0030 — **Prep Batch: 11L0030_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.82		50.0	50.0		mg/l		96.3	75 - 125

Lab Sample ID: 11L0030-MSD1 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11L0030 — **Prep Batch: 11L0030_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.82		50.0	51.0		mg/l		98.3	75 - 125	2.01	20

Lab Sample ID: 11L0030-DUP1 — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11L0030 — **Prep Batch: 11L0030_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Lead	1.82		2.01		mg/l		9.90	20

Method: 8260B TCLP - BTEX TCLP

Lab Sample ID: 103178-5
Matrix: Soil
Analysis Batch: 103178

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 103178_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		100		ug/L		01/05/12 13:51	01/05/12 13:51	100

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*	*01/05/12 13:51*	*01/05/12 13:51*	*100*
Ethylbenzene-d10	*99*		*80 - 120*	*01/05/12 13:51*	*01/05/12 13:51*	*100*
Fluorobenzene (Surr)	*95*		*80 - 120*	*01/05/12 13:51*	*01/05/12 13:51*	*100*
Toluene-d8 (Surr)	*98*		*85 - 120*	*01/05/12 13:51*	*01/05/12 13:51*	*100*
Trifluorotoluene (Surr)	*107*		*80 - 120*	*01/05/12 13:51*	*01/05/12 13:51*	*100*

Lab Sample ID: 304731D
Matrix: Soil
Analysis Batch: 103178

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 103178_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND	H	2000	2060	H	ug/L		103	80 - 120	0	30

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*
Ethylbenzene-d10	*102*		*80 - 120*
Fluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*99*		*85 - 120*
Trifluorotoluene (Surr)	*105*		*80 - 120*

Lab Sample ID: 304731S
Matrix: Soil
Analysis Batch: 103178

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 103178_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND	H	2000	2060	H	ug/L		103	80 - 120

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Ethylbenzene-d10	*101*		*80 - 120*
Fluorobenzene (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*97*		*85 - 120*
Trifluorotoluene (Surr)	*107*		*80 - 120*

Certification Summary

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Spokane	Alaska	Alaska UST	10	UST-071
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	A2LA	WY UST		453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska	Alaska UST	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canada (CALA)	Canada (CALA)		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	Kentucky UST	4	19
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA100011
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana	MT DEQ UST	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina	North Carolina DENR	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio	OVAP	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	USDA		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC Secondary AB	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia	West Virginia DEP	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Portland	Alaska	Alaska UST	10	UST-012
TestAmerica Portland	Alaska	State Program	10	OR00040
TestAmerica Portland	California	State Program	9	2597
TestAmerica Portland	Oregon	NELAC	10	OR100021
TestAmerica Portland	USDA	USDA		P330-11-00092
TestAmerica Portland	Washington	State Program	10	C586
TestAmerica Seattle	Alaska	Alaska UST	10	UST-022

Certification Summary

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Seattle	Alaska	TA-Port Heiden Mobile Lab	10	UST-093
TestAmerica Seattle	California	NELAC	9	1115CA
TestAmerica Seattle	Florida	NELAC	4	E871074
TestAmerica Seattle	L-A-B	DoD ELAP		L2236
TestAmerica Seattle	L-A-B	ISO/IEC 17025		L2236
TestAmerica Seattle	Louisiana	NELAC	6	05016
TestAmerica Seattle	Montana	MT DEQ UST	8	N/A
TestAmerica Seattle	Oregon	NELAC	10	WA100007
TestAmerica Seattle	USDA	USDA		P330-11-00222
TestAmerica Seattle	Washington	State Program	10	C553

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0108

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
EPA 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL SPK
EPA 8260B	Volatile Organic Compounds by EPA Methods 5035/8260B		TAL SPK
EPA 8011	EDB by EPA Method 8011		TAL SPK
EPA 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL SPK
EPA 8270C	Semivolatile Organic Compounds per EPA Method 8270C		TAL PTL
NWTPH-Dx	Semivolatile Petroleum Products by NWTPH-Dx		TAL SPK
NWTPH VPH	Purgeable Petroleum Hydrocarbons		TAL NSH
NWTPH-Gx	Gasoline Hydrocarbons by NWTPH-Gx		TAL SPK
NWTPH EPH	Extractable Petroleum Hydrocarbons		TAL NSH
EPA 6010C	Total Metals by EPA 6010/7000 Series Methods		TAL SPK
EPA 6010C	TCLP Metals by EPA 1311/6010/7000 Series Methods		TAL SPK
ASTM D2216-80	Percent Dry Weight (Solids) per ASTM D2216-80		TAL PTL
TA SOP	Conventional Chemistry Parameters by APHA/EPA Methods		TAL SPK
8260B TCLP	BTEX TCLP		TAL SEA

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (800) 765-0980
TAL PTL = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL 503/906-9200
TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253) 922-2310
TAL SPK = TestAmerica Spokane, 11922 East 1st. Avenue, Spokane, WA 99206, TEL (509)924-9200

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

1/6/2012

CHAIN OF CUSTODY REPORT

Work Order #: 3UK0108

CLIENT: GeoEngineers, Inc.
REPORT TO: Dave Lauder
ADDRESS: 523 E 2nd Ave., Spokane, WA 99202
PHONE: 509-363-3125 FAX:

INVOICE TO: same as report
P.O. NUMBER: 0504-060-02

PROJECT NAME: Roby's Station - Buena
PROJECT NUMBER: 0504-060-02
SAMPLED BY: Robert N. Miyahira

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: ~~STD.~~ 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: ~~STD.~~ 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	GRPH NWTPH-Gx	DRPHT GRPH NWTPH-Dx	VOCs EPA 8260	SVOCs 8270	PCBs 8082	Lead	EDB 8011	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	DP-20-4.0-111511	11/15/11 0930								S	5	Hold	
2	DP-20-111511	1010								W	5	Hold	
3	DP-21-4.0-111511	1035	X	X	X			X	X	S	5		
4	DP-22-4.0-111511	1105								S	5	hold	
5	DP-23-2.5-111511	1125	X	X	X		X	X	X	S	5		
6	DP-23-111511	1210	X	X	X		X	X	X	W	7		
7	DP-24-7.0-111511	1225	X	X	X		X	X	X	S	5		
8	DP-25-2.5-111511	1235	X	X	X		X	X	X	S	5		
9	DP-25-6.0-111511	1240	X	X	X	X	X	X	X	S	5		
10	DP-26-2.5-111511	1315	X	X	X	X	X	X	X	S	5		

RELEASED BY:	Robert Miyahira	DATE: 11/15/11	RECEIVED BY:		DATE: 11-18-11
PRINT NAME:	Robert Miyahira	FIRM: GeoEngineers, Inc. TIME: 1630	PRINT NAME:		FIRM: GET TIME: 1430
RELEASED BY:		DATE: 11-18-11	RECEIVED BY:		DATE: 11/18/11
PRINT NAME:		FIRM: GET TIME: 1530	PRINT NAME:		FIRM: TA TIME: 1530

ADDITIONAL REMARKS: from 05-04-06-02
Analyze 3 soil samples w/ highest -Gx values for VPH & EPH, call before analyzing
Analyze 3 Groundwater samples w/ highest -Gx values for VPH & EPH, call before analyzing

TEMP: 8°C PAGE 1 OF 2

TAL-1000(0408)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave,Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

1/6/2012

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: GeoEngineers, Inc.
REPORT TO: Dave Lauder
ADDRESS: 523 E 2nd Ave., Spokane, WA 99202
PHONE: 509-363-3125 FAX:

INVOICE TO: Same as report
P.O. NUMBER: 0504-060-02

PROJECT NAME: Roby's Station - Buena
PROJECT NUMBER: 0504-060-02
SAMPLED BY: Robert N. Miyahira

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: [X] STD. [7] [5] [4] [3] [2] [1] [<1]
Petroleum Hydrocarbon Analyses: [X] STD. [4] [3] [2] [1] [<1]
[OTHER] Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	GRPH NWTPH-Gx	DRPHT ORAH NWTPH-Dx	VOCs EPA 8260	SVOCs 8270	PCBs 8082 Low Level	Lead (Low Level)	EDB 8011	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	DP-26-8.0-111511	11/15/11 1325		X	X	X	X	X	X	X	S	5		
2	DP-26-111511	1355		X	X	X	X	X	X	X	W	7		
3	DP-27-6.0-111511	1420		X	X	X			X	X	S	5		
4	DP-27-9.0-111511	1425		X	X	X			X	X	S	5		
5	DP-28-7.0-111511	1435		X	X	X			X	X	S	5		
6	DP-28-9.0-111511	1440		X	X	X			X	X	S	5		
7	DP-28-111511	1530									W	7	hold	
8														
9														
10														

RELEASED BY: Robert Miyahira
PRINT NAME: Robert Miyahira FIRM: GeoEngineers, Inc. DATE: 11/15/11 TIME: 1630
RECEIVED BY: Brent Remsen
PRINT NAME: FIRM: GEI DATE: 11-18-11 TIME: 1400

RELEASED BY: Brent Remsen
PRINT NAME: FIRM: GEI DATE: 11-18-11 TIME: 1530
RECEIVED BY: Chris Williams
PRINT NAME: FIRM: TA DATE: 11/18/11 TIME: 1530

ADDITIONAL REMARKS:

TEMP: 0°C PAGE 2 OF 2

TAL-1000(0408)

TestAmerica Spokane
Sample Receipt Form

Work Order #: SUX0108	Client: Pro Engineering	Project: Roby's Station - Burena
Date/Time Received: 15:30 11/8/14	By: CW	
Samples Delivered By: ☐Shipping Service ☐Courier ☒Client ☐Other:		
List Air Bill Number(s) or Attach a photocopy of the Air Bill:		

Receipt Phase	Yes	No	NA	Comments
Were samples received in a cooler:	X			
Custody Seals are present and intact:	X			
Are CoC documents present:	X			
Necessary signatures:	X			

Thermal Preservation Type: ☐Blue Ice ☐Gel Ice ☒Real Ice ☐Dry Ice ☐None ☐Other:

Temperature by IR Gun: 0 °C °C Thermometer Serial #81500 (acceptance criteria 0-6 °C)

Temperature out of range: ☐Not enough ice ☐Ice melted ☐w/in 4hrs of collection ☐NA ☐Other:

Log-In Phase Date/Time: 11/8/14 1530 By:	Yes	No	NA	Comments
Are sample labels affixed and completed for each container	X			
Samples containers were received intact:	X			
Do sample IDs match the CoC	X			
Appropriate sample containers were received for tests requested		X		do not receive unpreserved vials for EDB or HNO3 for Lead
Are sample volumes adequate for tests requested	X			
Appropriate preservatives were used for the tests requested		X		No HNO3 preserved
pH of inorganic samples checked and is within method specification		X		
Are VOC samples free of bubbles >6mm (1/4" diameter)	X			
Are dissolved parameters field filtered			X	
Do any samples need to be filtered or preserved by the lab	X			Preserved sample volume w/HNO3
Does this project require quick turnaround analysis		X		
Are there any short hold time tests (see chart below)	X			EDB
Are any samples within 2 days of or past expiration	X			
Was the CoC scanned	X			
Were there Non-conformance issues at login	X			
If yes, was a CAR generated #	X			

24 hours or less	48 hours	7 days
Coliform Bacteria	BOD, Color, MBAS	TDS, TSS, VDS, FDS
Chromium +6	Nitrate/Nitrite	Sulfide
	Orthophosphate	Aqueous Organic Prep

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Spokane
11922 East 1st. Avenue
Spokane, WA 99206
Tel: (509)924-9200

TestAmerica Job ID: SUK0109
Client Project/Site: 0504-060-02
Client Project Description: Roby's Station - Buena

For:
Geo Engineers - Spokane
523 East Second Ave.
Spokane, WA 99202

Attn: Dave Lauder

Authorized for release by:
12/30/2011 11:49:57 AM

Randee Decker
Project Manager
Randee.Decker@testamericainc.com

Table of Contents

Sample Summary

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
SUK0109-01	DP-29-2.5-111611	Soil	11/16/11 08:05	11/18/11 15:30
SUK0109-02	DP-29-8.0-111611	Soil	11/16/11 08:10	11/18/11 15:30
SUK0109-04	DP-30-4.0-111611	Soil	11/16/11 08:55	11/18/11 15:30
SUK0109-06	DP-31-7.0-111611	Soil	11/16/11 09:15	11/18/11 15:30
SUK0109-07	DP-31-10.0-111611	Soil	11/16/11 09:20	11/18/11 15:30
SUK0109-08	DP-32-4.0-111611	Soil	11/16/11 09:50	11/18/11 15:30
SUK0109-11	DP-33-111611	Water	11/16/11 11:15	11/18/11 15:30
SUK0109-12	DP-34-6.0-111611	Soil	11/16/11 11:25	11/18/11 15:30
SUK0109-13	DP-34-111611	Water	11/16/11 12:10	11/18/11 15:30
SUK0109-14	DP-35-4.0-111611	Soil	11/16/11 12:25	11/18/11 15:30
SUK0109-16	DP-36-8.0-111611	Soil	11/16/11 13:00	11/18/11 15:30
SUK0109-17	DP-37-4.0-111611	Soil	11/16/11 13:15	11/18/11 15:30
SUK0109-18	DP-37-10.0-111611	Soil	11/16/11 13:25	11/18/11 15:30
SUK0109-19	DP-37-111611	Water	11/16/11 14:20	11/18/11 15:30

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Semivolatiles

Qualifier	Qualifier Description
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
A-01	The presence of known aroclors could not be confirmed. This sample contains high quantities of unknown analyte.
QSG	Silica Gel clean-up performed on extracts.

Fuels

Qualifier	Qualifier Description
R2	The RPD exceeded the acceptance limit.

GC Volatiles

Qualifier	Qualifier Description
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R4	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

GC Semivolatiles

Qualifier	Qualifier Description
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Metals

Qualifier	Qualifier Description
B	Analyte was detected in the associated Method Blank.
B1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.

Extractions

Qualifier	Qualifier Description
SPS	Percent solids result provided to the TestAmerica Nashville laboratory.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-29-2.5-111611
Date Collected: 11/16/11 08:05
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-01
Matrix: Soil
Percent Solids: 78.3

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Chloromethane	ND		0.708	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Vinyl chloride	ND		0.0849	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Bromomethane	ND		0.708	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Chloroethane	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Trichlorofluoromethane	ND		0.0425	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,1-Dichloroethene	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Carbon disulfide	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Methylene chloride	ND		1.42	0.425	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Acetone	ND		2.83	1.33	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
trans-1,2-Dichloroethene	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Methyl tert-butyl ether	ND		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,1-Dichloroethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
cis-1,2-Dichloroethene	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
2,2-Dichloropropane	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Bromochloromethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Chloroform	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Carbon tetrachloride	ND		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,1,1-Trichloroethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
2-Butanone	ND		1.42	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,1-Dichloropropene	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Benzene	0.164		0.0283	0.0113	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2-Dichloroethane (EDC)	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Trichloroethene	ND		0.0354	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Dibromomethane	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2-Dichloropropane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Bromodichloromethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
cis-1,3-Dichloropropene	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Toluene	0.0694	J	0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
4-Methyl-2-pentanone	ND		1.42	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
trans-1,3-Dichloropropene	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Tetrachloroethene	ND		0.0708	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,1,2-Trichloroethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Dibromochloromethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,3-Dichloropropane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2-Dibromoethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
2-Hexanone	ND		1.42	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Ethylbenzene	1.51		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Chlorobenzene	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,1,1,2-Tetrachloroethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
m,p-Xylene	1.96		0.566	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
o-Xylene	0.117	J	0.283	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Styrene	ND		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Bromoform	ND		0.142	0.0708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Isopropylbenzene	0.0906	J	0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
n-Propylbenzene	0.280		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,1,2,2-Tetrachloroethane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Bromobenzene	ND		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,3,5-Trimethylbenzene	0.102	J	0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
2-Chlorotoluene	ND		0.142	0.00708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-29-2.5-111611
Date Collected: 11/16/11 08:05
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-01
Matrix: Soil
Percent Solids: 78.3

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.142	0.0283	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
4-Chlorotoluene	ND		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
tert-Butylbenzene	ND		0.142	0.00708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2,4-Trimethylbenzene	2.07		0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
sec-Butylbenzene	ND		0.142	0.00991	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
p-Isopropyltoluene	0.0410	J	0.142	0.00991	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,3-Dichlorobenzene	ND		0.142	0.00566	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,4-Dichlorobenzene	ND		0.142	0.00708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
n-Butylbenzene	0.0962	J	0.142	0.0142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2-Dichlorobenzene	ND		0.142	0.00708	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2-Dibromo-3-chloropropane	ND		0.708	0.142	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Hexachlorobutadiene	ND		0.142	0.0566	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2,4-Trichlorobenzene	ND		0.142	0.0425	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
Naphthalene	0.664		0.283	0.156	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00
1,2,3-Trichlorobenzene	ND		0.142	0.0425	mg/kg dry	☼	11/21/11 08:16	11/21/11 15:49	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.0*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 15:49*	*1.00*
Toluene-d8	*118*		*80 - 129*	*11/21/11 08:16*	*11/21/11 15:49*	*1.00*
4-bromofluorobenzene	*130*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 15:49*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.28		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:54	1.00
1,2-Dibromo-3-chloropropane	ND	R1	1.28		ug/kg dry	☼	11/21/11 08:22	11/23/11 17:54	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		12.8		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:20	1.00
Heavy Oil Range Hydrocarbons	ND		31.9		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:20	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*98.5*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:20*	*1.00*
p-Terphenyl-d14	*104*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:20*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	21.3		7.08		mg/kg dry	☼	11/20/11 07:08	11/20/11 17:56	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*129*		*50 - 150*	*11/20/11 07:08*	*11/20/11 17:56*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.94		1.92		mg/kg dry	☼	12/05/11 17:42	12/06/11 15:16	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-29-8.0-111611
Date Collected: 11/16/11 08:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-02
Matrix: Soil
Percent Solids: 79.8

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Chloromethane	ND		0.698	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Vinyl chloride	ND		0.0838	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Bromomethane	ND		0.698	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Chloroethane	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Trichlorofluoromethane	ND		0.0419	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,1-Dichloroethene	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Carbon disulfide	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Methylene chloride	ND		1.40	0.419	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Acetone	**4.60**		2.79	1.31	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
trans-1,2-Dichloroethene	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Methyl tert-butyl ether	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,1-Dichloroethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
cis-1,2-Dichloroethene	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
2,2-Dichloropropane	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Bromochloromethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Chloroform	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Carbon tetrachloride	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,1,1-Trichloroethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
2-Butanone	**7.65**		1.40	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,1-Dichloropropene	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Benzene	**0.0461**		0.0279	0.0112	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2-Dichloroethane (EDC)	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Trichloroethene	ND		0.0349	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Dibromomethane	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2-Dichloropropane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Bromodichloromethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
cis-1,3-Dichloropropene	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Toluene	**0.0628**	J	0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
4-Methyl-2-pentanone	**2.84**		1.40	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
trans-1,3-Dichloropropene	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Tetrachloroethene	ND		0.0698	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,1,2-Trichloroethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Dibromochloromethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,3-Dichloropropane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2-Dibromoethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
2-Hexanone	**1.34**	J	1.40	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Ethylbenzene	**2.84**		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Chlorobenzene	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,1,1,2-Tetrachloroethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
m,p-Xylene	**2.68**		0.559	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
o-Xylene	**0.0447**	J	0.279	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Styrene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Bromoform	ND		0.140	0.0698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Isopropylbenzene	**0.377**		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
n-Propylbenzene	**1.32**		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,1,2,2-Tetrachloroethane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Bromobenzene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,3,5-Trimethylbenzene	**0.121**	J	0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
2-Chlorotoluene	ND		0.140	0.00698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-29-8.0-111611
Date Collected: 11/16/11 08:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-02
Matrix: Soil
Percent Solids: 79.8

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.140	0.0279	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
4-Chlorotoluene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
tert-Butylbenzene	ND		0.140	0.00698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2,4-Trimethylbenzene	7.11	E	0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
sec-Butylbenzene	0.184		0.140	0.00978	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
p-Isopropyltoluene	0.144		0.140	0.00978	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,3-Dichlorobenzene	ND		0.140	0.00559	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,4-Dichlorobenzene	ND		0.140	0.00698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
n-Butylbenzene	0.452		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2-Dichlorobenzene	ND		0.140	0.00698	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2-Dibromo-3-chloropropane	ND		0.698	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Hexachlorobutadiene	ND		0.140	0.0559	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2,4-Trichlorobenzene	ND		0.140	0.0419	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
Naphthalene	1.19		0.279	0.154	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00
1,2,3-Trichlorobenzene	ND		0.140	0.0419	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:17	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*88.0*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 16:17*	*1.00*
Toluene-d8	*125*		*80 - 129*	*11/21/11 08:16*	*11/21/11 16:17*	*1.00*
4-bromofluorobenzene	*177*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 16:17*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.24		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:07	1.00
1,2-Dibromo-3-chloropropane	ND	R1	1.24		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:07	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	24.2		12.5		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:36	1.00
Heavy Oil Range Hydrocarbons	ND		31.3		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:36	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*94.7*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:36*	*1.00*
p-Terphenyl-d14	*101*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:36*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	288		14.0		mg/kg dry	☼	11/20/11 07:08	11/20/11 18:21	2.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*303*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 18:21*	*2.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.88		mg/kg dry	☼	12/05/11 17:42	12/06/11 15:20	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-30-4.0-111611
Date Collected: 11/16/11 08:55
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-04
Matrix: Soil
Percent Solids: 76.5

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Chloromethane	ND		0.752	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Vinyl chloride	ND		0.0903	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Bromomethane	ND		0.752	0.150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Chloroethane	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Trichlorofluoromethane	ND		0.0451	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,1-Dichloroethene	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Carbon disulfide	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Methylene chloride	ND		1.50	0.451	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Acetone	3.06		3.01	1.41	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
trans-1,2-Dichloroethene	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Methyl tert-butyl ether	ND		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,1-Dichloroethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
cis-1,2-Dichloroethene	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
2,2-Dichloropropane	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Bromochloromethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Chloroform	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Carbon tetrachloride	ND		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,1,1-Trichloroethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
2-Butanone	1.97		1.50	0.150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,1-Dichloropropene	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Benzene	0.702		0.0301	0.0120	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2-Dichloroethane (EDC)	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Trichloroethene	ND		0.0376	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Dibromomethane	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2-Dichloropropane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Bromodichloromethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
cis-1,3-Dichloropropene	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Toluene	0.403		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
4-Methyl-2-pentanone	0.845	J	1.50	0.150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
trans-1,3-Dichloropropene	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Tetrachloroethene	ND		0.0752	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,1,2-Trichloroethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Dibromochloromethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,3-Dichloropropane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2-Dibromoethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
2-Hexanone	0.468	J	1.50	0.150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Ethylbenzene	2.81		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Chlorobenzene	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,1,1,2-Tetrachloroethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
m,p-Xylene	3.72		0.602	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
o-Xylene	0.567		0.301	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Styrene	ND		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Bromoform	ND		0.150	0.0752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Isopropylbenzene	0.393		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
n-Propylbenzene	0.918		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,1,2,2-Tetrachloroethane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Bromobenzene	ND		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,3,5-Trimethylbenzene	0.502		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
2-Chlorotoluene	ND		0.150	0.00752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-30-4.0-111611
Date Collected: 11/16/11 08:55
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-04
Matrix: Soil
Percent Solids: 76.5

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.150	0.0301	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
4-Chlorotoluene	ND		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
tert-Butylbenzene	ND		0.150	0.00752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2,4-Trimethylbenzene	**6.71**		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
sec-Butylbenzene	**0.167**		0.150	0.0105	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
p-Isopropyltoluene	**0.229**		0.150	0.0105	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,3-Dichlorobenzene	ND		0.150	0.00602	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,4-Dichlorobenzene	ND		0.150	0.00752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
n-Butylbenzene	**0.370**		0.150	0.0150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2-Dichlorobenzene	ND		0.150	0.00752	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2-Dibromo-3-chloropropane	ND		0.752	0.150	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Hexachlorobutadiene	ND		0.150	0.0602	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2,4-Trichlorobenzene	ND		0.150	0.0451	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
Naphthalene	**2.52**		0.301	0.165	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00
1,2,3-Trichlorobenzene	ND		0.150	0.0451	mg/kg dry	☼	11/21/11 08:16	11/21/11 16:45	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.8*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 16:45*	*1.00*
Toluene-d8	*124*		*80 - 129*	*11/21/11 08:16*	*11/21/11 16:45*	*1.00*
4-bromofluorobenzene	*200*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 16:45*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.30		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:20	1.00
1,2-Dibromo-3-chloropropane	ND	R1	1.30		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:20	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**49.4**		13.1		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:53	1.00
Heavy Oil Range Hydrocarbons	ND		32.7		mg/kg dry	☼	11/19/11 07:15	11/19/11 16:53	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*94.4*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:53*	*1.00*
p-Terphenyl-d14	*97.5*		*50 - 150*	*11/19/11 07:15*	*11/19/11 16:53*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**143**		15.0		mg/kg dry	☼	11/20/11 07:08	11/20/11 18:46	2.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*336*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 18:46*	*2.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**3.93**		1.96		mg/kg dry	☼	12/05/11 17:43	12/06/11 12:28	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-31-7.0-111611
Date Collected: 11/16/11 09:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-06
Matrix: Soil
Percent Solids: 54.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Chloromethane	ND		1.40	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Vinyl chloride	ND		0.169	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Bromomethane	ND		1.40	0.281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Chloroethane	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Trichlorofluoromethane	ND		0.0843	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,1-Dichloroethene	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Carbon disulfide	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Methylene chloride	ND		2.81	0.843	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Acetone	ND		5.62	2.64	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
trans-1,2-Dichloroethene	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Methyl tert-butyl ether	ND		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,1-Dichloroethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
cis-1,2-Dichloroethene	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
2,2-Dichloropropane	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Bromochloromethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Chloroform	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Carbon tetrachloride	ND		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,1,1-Trichloroethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
2-Butanone	ND		2.81	0.281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,1-Dichloropropene	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Benzene	ND		0.0562	0.0225	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2-Dichloroethane (EDC)	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Trichloroethene	ND		0.0702	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Dibromomethane	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2-Dichloropropane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Bromodichloromethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
cis-1,3-Dichloropropene	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Toluene	ND		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
4-Methyl-2-pentanone	**1.66**	**J**	2.81	0.281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
trans-1,3-Dichloropropene	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Tetrachloroethene	ND		0.140	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,1,2-Trichloroethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Dibromochloromethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,3-Dichloropropane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2-Dibromoethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
2-Hexanone	ND		2.81	0.281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Ethylbenzene	**0.0478**	**J**	0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Chlorobenzene	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,1,1,2-Tetrachloroethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
m,p-Xylene	**0.152**	**J**	1.12	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
o-Xylene	**0.0534**	**J**	0.562	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Styrene	ND		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Bromoform	ND		0.281	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Isopropylbenzene	**0.253**	**J**	0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
n-Propylbenzene	**0.458**		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,1,2,2-Tetrachloroethane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Bromobenzene	ND		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,3,5-Trimethylbenzene	**0.0787**	**J**	0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
2-Chlorotoluene	ND		0.281	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00

Client Sample ID: DP-31-7.0-111611
Date Collected: 11/16/11 09:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-06
Matrix: Soil
Percent Solids: 54.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.281	0.0562	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
4-Chlorotoluene	ND		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
tert-Butylbenzene	ND		0.281	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2,4-Trimethylbenzene	**1.62**		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
sec-Butylbenzene	**0.424**		0.281	0.0197	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
p-Isopropyltoluene	ND		0.281	0.0197	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,3-Dichlorobenzene	ND		0.281	0.0112	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,4-Dichlorobenzene	ND		0.281	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
n-Butylbenzene	**0.559**		0.281	0.0281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2-Dichlorobenzene	ND		0.281	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2-Dibromo-3-chloropropane	ND		1.40	0.281	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Hexachlorobutadiene	ND		0.281	0.112	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2,4-Trichlorobenzene	ND		0.281	0.0843	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
Naphthalene	**0.801**		0.562	0.309	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00
1,2,3-Trichlorobenzene	ND		0.281	0.0843	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:13	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.6*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 17:13*	*1.00*
Toluene-d8	*120*		*80 - 129*	*11/21/11 08:16*	*11/21/11 17:13*	*1.00*
4-bromofluorobenzene	*173*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 17:13*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**1240**		18.3		mg/kg dry	☼	11/19/11 07:15	11/19/11 17:09	1.00
Heavy Oil Range Hydrocarbons	**124**		45.8		mg/kg dry	☼	11/19/11 07:15	11/19/11 17:09	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*110*		*50 - 150*	*11/19/11 07:15*	*11/19/11 17:09*	*1.00*
p-Terphenyl-d14	*94.0*		*50 - 150*	*11/19/11 07:15*	*11/19/11 17:09*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	**130**		14.0		mg/kg dry	☼	11/20/11 07:08	11/20/11 19:10	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*218*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 19:10*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.78**		2.75		mg/kg dry	☼	12/05/11 17:43	12/06/11 12:43	1.00

Client Sample ID: DP-31-10.0-111611
Date Collected: 11/16/11 09:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-07
Matrix: Soil
Percent Solids: 67

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Chloromethane	ND		0.907	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Vinyl chloride	ND		0.109	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Bromomethane	ND		0.907	0.181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-31-10.0-111611
Date Collected: 11/16/11 09:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-07
Matrix: Soil
Percent Solids: 67

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Trichlorofluoromethane	ND		0.0544	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,1-Dichloroethene	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Carbon disulfide	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Methylene chloride	ND		1.81	0.544	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Acetone	ND		3.63	1.70	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
trans-1,2-Dichloroethene	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Methyl tert-butyl ether	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,1-Dichloroethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
cis-1,2-Dichloroethene	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
2,2-Dichloropropane	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Bromochloromethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Chloroform	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Carbon tetrachloride	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,1,1-Trichloroethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
2-Butanone	ND		1.81	0.181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,1-Dichloropropene	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Benzene	ND		0.0363	0.0145	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2-Dichloroethane (EDC)	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Trichloroethene	ND		0.0453	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Dibromomethane	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2-Dichloropropane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Bromodichloromethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
cis-1,3-Dichloropropene	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Toluene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
4-Methyl-2-pentanone	ND		1.81	0.181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
trans-1,3-Dichloropropene	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Tetrachloroethene	ND		0.0907	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,1,2-Trichloroethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Dibromochloromethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,3-Dichloropropane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2-Dibromoethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
2-Hexanone	ND		1.81	0.181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Ethylbenzene	**0.0199**	**J**	0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Chlorobenzene	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,1,1,2-Tetrachloroethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
m,p-Xylene	**0.0363**	**J**	0.725	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
o-Xylene	**0.0236**	**J**	0.363	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Styrene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Bromoform	ND		0.181	0.0907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Isopropylbenzene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
n-Propylbenzene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,1,2,2-Tetrachloroethane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Bromobenzene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,3,5-Trimethylbenzene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
2-Chlorotoluene	ND		0.181	0.00907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2,3-Trichloropropane	ND		0.181	0.0363	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
4-Chlorotoluene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
tert-Butylbenzene	ND		0.181	0.00907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2,4-Trimethylbenzene	**0.0653**	**J**	0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00

Client Sample ID: DP-31-10.0-111611
Date Collected: 11/16/11 09:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-07
Matrix: Soil
Percent Solids: 67

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.181	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
p-Isopropyltoluene	ND		0.181	0.0127	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,3-Dichlorobenzene	ND		0.181	0.00725	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,4-Dichlorobenzene	ND		0.181	0.00907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
n-Butylbenzene	ND		0.181	0.0181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2-Dichlorobenzene	ND		0.181	0.00907	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2-Dibromo-3-chloropropane	ND		0.907	0.181	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Hexachlorobutadiene	ND		0.181	0.0725	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2,4-Trichlorobenzene	ND		0.181	0.0544	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
Naphthalene	ND		0.363	0.199	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00
1,2,3-Trichlorobenzene	ND		0.181	0.0544	mg/kg dry	☼	11/21/11 08:16	11/21/11 17:41	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*92.2*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 17:41*	*1.00*
Toluene-d8	*122*		*80 - 129*	*11/21/11 08:16*	*11/21/11 17:41*	*1.00*
4-bromofluorobenzene	*144*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 17:41*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		14.9		mg/kg dry	☼	11/19/11 07:15	11/22/11 11:03	1.00
Heavy Oil Range Hydrocarbons	ND		37.3		mg/kg dry	☼	11/19/11 07:15	11/22/11 11:03	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*59.3*		*50 - 150*	*11/19/11 07:15*	*11/22/11 11:03*	*1.00*
p-Terphenyl-d14	*71.5*		*50 - 150*	*11/19/11 07:15*	*11/22/11 11:03*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		9.07		mg/kg dry	☼	11/20/11 07:08	11/20/11 19:35	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*100*		*50 - 150*	*11/20/11 07:08*	*11/20/11 19:35*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.24		mg/kg dry	☼	12/05/11 17:43	12/06/11 12:46	1.00

Client Sample ID: DP-32-4.0-111611
Date Collected: 11/16/11 09:50
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-08
Matrix: Soil
Percent Solids: 89.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Chloromethane	ND		0.597	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Vinyl chloride	ND		0.0716	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Bromomethane	ND		0.597	0.119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Chloroethane	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Trichlorofluoromethane	ND		0.0358	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,1-Dichloroethene	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Carbon disulfide	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00

Client Sample ID: DP-32-4.0-111611
Date Collected: 11/16/11 09:50
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-08
Matrix: Soil
Percent Solids: 89.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene chloride	ND		1.19	0.358	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Acetone	ND		2.39	1.12	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
trans-1,2-Dichloroethene	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Methyl tert-butyl ether	ND		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,1-Dichloroethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
cis-1,2-Dichloroethene	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
2,2-Dichloropropane	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Bromochloromethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Chloroform	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Carbon tetrachloride	ND		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,1,1-Trichloroethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
2-Butanone	ND		1.19	0.119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,1-Dichloropropene	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Benzene	0.136		0.0239	0.00955	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2-Dichloroethane (EDC)	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Trichloroethene	ND		0.0298	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Dibromomethane	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2-Dichloropropane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Bromodichloromethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
cis-1,3-Dichloropropene	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Toluene	1.42		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
4-Methyl-2-pentanone	1.50		1.19	0.119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
trans-1,3-Dichloropropene	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Tetrachloroethene	ND		0.0597	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,1,2-Trichloroethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Dibromochloromethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,3-Dichloropropane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2-Dibromoethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
2-Hexanone	0.940	J	1.19	0.119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Ethylbenzene	0.940		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Chlorobenzene	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,1,1,2-Tetrachloroethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
m,p-Xylene	4.64		0.477	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
o-Xylene	1.82		0.239	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Styrene	ND		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Bromoform	ND		0.119	0.0597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Isopropylbenzene	0.174		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
n-Propylbenzene	0.757		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,1,2,2-Tetrachloroethane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Bromobenzene	ND		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,3,5-Trimethylbenzene	2.16		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
2-Chlorotoluene	ND		0.119	0.00597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2,3-Trichloropropane	ND		0.119	0.0239	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
4-Chlorotoluene	ND		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
tert-Butylbenzene	ND		0.119	0.00597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2,4-Trimethylbenzene	6.82	E	0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
sec-Butylbenzene	0.146		0.119	0.00835	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
p-Isopropyltoluene	0.107	J	0.119	0.00835	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,3-Dichlorobenzene	ND		0.119	0.00477	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,4-Dichlorobenzene	ND		0.119	0.00597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00

Client Sample ID: DP-32-4.0-111611
Date Collected: 11/16/11 09:50
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-08
Matrix: Soil
Percent Solids: 89.6

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	0.411		0.119	0.0119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2-Dichlorobenzene	ND		0.119	0.00597	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2-Dibromo-3-chloropropane	ND		0.597	0.119	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Hexachlorobutadiene	ND		0.119	0.0477	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2,4-Trichlorobenzene	ND		0.119	0.0358	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
Naphthalene	1.81		0.239	0.131	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00
1,2,3-Trichlorobenzene	ND		0.119	0.0358	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:09	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.0*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 18:09*	*1.00*
Toluene-d8	*121*		*80 - 129*	*11/21/11 08:16*	*11/21/11 18:09*	*1.00*
4-bromofluorobenzene	*229*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 18:09*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.09		ug/kg dry	☼	11/21/11 08:22	11/23/11 23:19	1.00
1,2-Dibromo-3-chloropropane	ND		1.09		ug/kg dry	☼	11/21/11 08:22	11/23/11 23:19	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00
PCB-1221	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00
PCB-1232	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00
PCB-1242	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00
PCB-1248	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00
PCB-1254	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00
PCB-1260	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00
PCB-1268	ND	A-01 QSG	55.8		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:10	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*94.8*	*QSG*	*27.9 - 154*	*11/21/11 11:11*	*11/23/11 09:22*	*1.00*
Decachlorobiphenyl	*81.5*	*QSG*	*35 - 157*	*11/21/11 11:11*	*11/23/11 09:22*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	443		112		mg/kg dry	☼	11/21/11 09:35	11/22/11 09:41	10.0
Heavy Oil Range Hydrocarbons	2380		279		mg/kg dry	☼	11/21/11 09:35	11/22/11 09:41	10.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*80.6*		*50 - 150*	*11/21/11 09:35*	*11/22/11 09:41*	*10.0*
p-Terphenyl-d14	*87.1*		*50 - 150*	*11/21/11 09:35*	*11/22/11 09:41*	*10.0*

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.253		0.0545		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
Ethylbenzene	0.754		0.0545		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
Methyl tert-Butyl Ether	ND		0.545		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
Naphthalene	1.56		0.272		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
Toluene	1.46		0.0545		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
Xylenes, total	5.59		0.163		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		5.45		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
>C6 to C8 Ali	ND		5.45		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-32-4.0-111611
Date Collected: 11/16/11 09:50
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-08
Matrix: Soil
Percent Solids: 89.6

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C8 to C10 Ali	9.99		5.45		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
>C10 to C12 Ali	26.1		5.45		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0
>C8 to C10 Aro	16.4		5.45		mg/kg dry	☼	11/16/11 09:50	11/26/11 13:36	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (FID)	*110*		*60 - 140*	*11/16/11 09:50*	*11/26/11 13:36*	*50.0*
2,5-Dibromotoluene (PID)	*117*		*60 - 140*	*11/16/11 09:50*	*11/26/11 13:36*	*50.0*

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C12 to C13 Aro	6.37		5.45		mg/kg dry	☼	11/16/11 09:50	11/28/11 17:54	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (PID)	*113*		*60 - 140*	*11/16/11 09:50*	*11/28/11 17:54*	*50.0*

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10 to C12 Aro	38.0		27.2		mg/kg dry	☼	11/16/11 09:50	11/28/11 17:21	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (PID)	*102*		*60 - 140*	*11/16/11 09:50*	*11/28/11 17:21*	*250*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	52.9		5.97		mg/kg dry	☼	11/20/11 07:08	11/20/11 21:14	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*163*	*ZX*	*50 - 150*	*11/20/11 07:08*	*11/20/11 21:14*	*1.00*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C8-C10 Aliphatics	ND		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 19:45	1.00
C8-C10 Aromatics	ND		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 20:16	1.00
>C10 to C12 Ali	ND		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 19:45	1.00
>C10 to C12 Aro	ND		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 20:16	1.00
>C12 to C16 Ali	ND		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 19:45	1.00
>C12 to C16 Aro	ND		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 20:16	1.00
>C16 to C21 Ali	13.5		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 19:45	1.00
>C16 to C21 Aro	14.7		5.54		mg/kg dry	☼	11/26/11 06:55	11/29/11 20:16	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*76*		*60 - 140*	*11/26/11 06:55*	*11/29/11 20:16*	*1.00*
2-Fluorobiphenyl	*114*		*60 - 140*	*11/26/11 06:55*	*11/29/11 20:16*	*1.00*
2-Bromonaphthalene	*130*		*60 - 140*	*11/26/11 06:55*	*11/29/11 20:16*	*1.00*
1-Chlorooctadecane	*53*	*ZX*	*60 - 140*	*11/26/11 06:55*	*11/29/11 19:45*	*1.00*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C21 to C34 Ali	219		55.4		mg/kg dry	☼	11/26/11 06:55	12/01/11 08:07	10.0
>C21 to C34 Aro	256		55.4		mg/kg dry	☼	11/26/11 06:55	12/01/11 09:00	10.0

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-32-4.0-111611
Date Collected: 11/16/11 09:50
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-08
Matrix: Soil
Percent Solids: 89.6

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	191		1.67		mg/kg dry	☼	12/05/11 17:43	12/06/11 12:50	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	89.6	SPS	0.500		%		12/05/11 09:53	12/05/11 09:54	1.00

Client Sample ID: DP-33-111611
Date Collected: 11/16/11 11:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-11
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Chloromethane	ND		30.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Vinyl chloride	ND		2.00		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Bromomethane	ND		50.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Chloroethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Trichlorofluoromethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,1-Dichloroethene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Carbon disulfide	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Methylene chloride	ND		100		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Acetone	ND		250		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
trans-1,2-Dichloroethene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Methyl tert-butyl ether	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,1-Dichloroethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
cis-1,2-Dichloroethene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
2,2-Dichloropropane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Bromochloromethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Chloroform	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Carbon tetrachloride	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,1,1-Trichloroethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
2-Butanone	ND		100		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,1-Dichloropropene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Benzene	**2.80**		2.00		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2-Dichloroethane (EDC)	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Trichloroethene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Dibromomethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2-Dichloropropane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Bromodichloromethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
cis-1,3-Dichloropropene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Toluene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
4-Methyl-2-pentanone	ND		100		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
trans-1,3-Dichloropropene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Tetrachloroethene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,1,2-Trichloroethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Dibromochloromethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,3-Dichloropropane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2-Dibromoethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
2-Hexanone	ND		100		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Ethylbenzene	**242**		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-33-111611
Date Collected: 11/16/11 11:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-11
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,1,1,2-Tetrachloroethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
m,p-Xylene	830		20.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
o-Xylene	190		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Styrene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Bromoform	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Isopropylbenzene	34.0		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
n-Propylbenzene	141		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,1,2,2-Tetrachloroethane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Bromobenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,3,5-Trimethylbenzene	269		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
2-Chlorotoluene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2,3-Trichloropropane	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
4-Chlorotoluene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
tert-Butylbenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2,4-Trimethylbenzene	988		100		ug/l		11/21/11 15:46	11/22/11 17:07	100
sec-Butylbenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
p-Isopropyltoluene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,3-Dichlorobenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,4-Dichlorobenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
n-Butylbenzene	30.3		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2-Dichlorobenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2-Dibromo-3-chloropropane	ND		50.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Hexachlorobutadiene	ND		20.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2,4-Trichlorobenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
Naphthalene	88.9		20.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0
1,2,3-Trichlorobenzene	ND		10.0		ug/l		11/21/11 15:46	11/22/11 16:39	10.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*87.6*		*66.5 - 145*	*11/21/11 15:46*	*11/22/11 16:39*	*10.0*
Toluene-d8	*104*		*75.4 - 120*	*11/21/11 15:46*	*11/22/11 16:39*	*10.0*
4-bromofluorobenzene	*106*		*68.4 - 123*	*11/21/11 15:46*	*11/22/11 16:39*	*10.0*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/23/11 06:54	11/23/11 13:32	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/23/11 06:54	11/23/11 13:32	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	2.27		0.238		mg/l		11/21/11 09:38	11/23/11 14:31	1.00
Heavy Oil Range Hydrocarbons	ND		0.476		mg/l		11/21/11 09:38	11/23/11 14:31	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*85.9*		*50 - 150*	*11/21/11 09:38*	*11/23/11 14:31*	*1.00*
p-Terphenyl-d14	*85.3*		*50 - 150*	*11/21/11 09:38*	*11/23/11 14:31*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	6720		1000		ug/l		11/21/11 08:18	11/22/11 09:48	10.0

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-33-111611
Date Collected: 11/16/11 11:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-BFB (FID)	126		37.9 - 162	11/21/11 08:18	11/22/11 09:48	10.0

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.82	B1	0.0300		mg/l		12/05/11 17:45	12/06/11 08:36	1.00

Client Sample ID: DP-34-6.0-111611
Date Collected: 11/16/11 11:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-12
Matrix: Soil
Percent Solids: 77

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Chloromethane	ND		0.700	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Vinyl chloride	ND		0.0840	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Bromomethane	ND		0.700	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Chloroethane	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Trichlorofluoromethane	ND		0.0420	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,1-Dichloroethene	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Carbon disulfide	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Methylene chloride	ND		1.40	0.420	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Acetone	ND		2.80	1.32	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
trans-1,2-Dichloroethene	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Methyl tert-butyl ether	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,1-Dichloroethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
cis-1,2-Dichloroethene	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
2,2-Dichloropropane	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Bromochloromethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Chloroform	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Carbon tetrachloride	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,1,1-Trichloroethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
2-Butanone	ND		1.40	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,1-Dichloropropene	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Benzene	ND		0.0280	0.0112	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2-Dichloroethane (EDC)	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Trichloroethene	ND		0.0350	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Dibromomethane	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2-Dichloropropane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Bromodichloromethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
cis-1,3-Dichloropropene	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Toluene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
4-Methyl-2-pentanone	0.956	J	1.40	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
trans-1,3-Dichloropropene	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Tetrachloroethene	ND		0.0700	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,1,2-Trichloroethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Dibromochloromethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,3-Dichloropropane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2-Dibromoethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
2-Hexanone	ND		1.40	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Ethylbenzene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-34-6.0-111611
Date Collected: 11/16/11 11:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-12
Matrix: Soil
Percent Solids: 77

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,1,1,2-Tetrachloroethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
m,p-Xylene	0.0378	J	0.560	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
o-Xylene	0.0350	J	0.280	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Styrene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Bromoform	ND		0.140	0.0700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Isopropylbenzene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
n-Propylbenzene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,1,2,2-Tetrachloroethane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Bromobenzene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,3,5-Trimethylbenzene	0.0448	J	0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
2-Chlorotoluene	ND		0.140	0.00700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2,3-Trichloropropane	ND		0.140	0.0280	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
4-Chlorotoluene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
tert-Butylbenzene	ND		0.140	0.00700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2,4-Trimethylbenzene	0.0854	J	0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
sec-Butylbenzene	ND		0.140	0.00980	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
p-Isopropyltoluene	ND		0.140	0.00980	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,3-Dichlorobenzene	ND		0.140	0.00560	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,4-Dichlorobenzene	ND		0.140	0.00700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
n-Butylbenzene	ND		0.140	0.0140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2-Dichlorobenzene	ND		0.140	0.00700	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2-Dibromo-3-chloropropane	ND		0.700	0.140	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Hexachlorobutadiene	ND		0.140	0.0560	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2,4-Trichlorobenzene	ND		0.140	0.0420	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
Naphthalene	0.192	J	0.280	0.154	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00
1,2,3-Trichlorobenzene	ND		0.140	0.0420	mg/kg dry	☼	11/21/11 08:16	11/21/11 18:37	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*93.6*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 18:37*	*1.00*
Toluene-d8	*117*		*80 - 129*	*11/21/11 08:16*	*11/21/11 18:37*	*1.00*
4-bromofluorobenzene	*166*	*ZX*	*57.7 - 149*	*11/21/11 08:16*	*11/21/11 18:37*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.28		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:33	1.00
1,2-Dibromo-3-chloropropane	ND		1.28		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:33	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:34	1.00
PCB-1221	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00
PCB-1232	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00
PCB-1242	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00
PCB-1248	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00
PCB-1254	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00
PCB-1260	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:34	1.00
PCB-1268	ND		64.9		ug/kg dry	☼	11/21/11 11:11	11/23/11 09:22	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*44.5*		*27.9 - 154*	*11/21/11 11:11*	*11/23/11 09:34*	*1.00*

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-34-6.0-111611
Date Collected: 11/16/11 11:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-12
Matrix: Soil
Percent Solids: 77

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Decachlorobiphenyl	*72.2*		*35 - 157*	*11/21/11 11:11*	*11/23/11 09:34*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		13.0		mg/kg dry	☼	11/21/11 09:35	11/22/11 01:22	1.00
Heavy Oil Range Hydrocarbons	ND		32.5		mg/kg dry	☼	11/21/11 09:35	11/22/11 01:22	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*92.4*		*50 - 150*	*11/21/11 09:35*	*11/22/11 01:22*	*1.00*
p-Terphenyl-d14	*97.1*		*50 - 150*	*11/21/11 09:35*	*11/22/11 01:22*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		7.00		mg/kg dry	☼	11/20/11 07:08	11/20/11 21:38	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*103*		*50 - 150*	*11/20/11 07:08*	*11/20/11 21:38*	*1.00*

Client Sample ID: DP-34-111611
Date Collected: 11/16/11 12:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-13
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Chloromethane	ND		3.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Vinyl chloride	ND		0.200		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Bromomethane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Chloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Trichlorofluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,1-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Carbon disulfide	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Methylene chloride	ND		10.0		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Acetone	ND		25.0		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
trans-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Methyl tert-butyl ether	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,1-Dichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
cis-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
2,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Bromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Chloroform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Carbon tetrachloride	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,1,1-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
2-Butanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,1-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Benzene	ND		0.200		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2-Dichloroethane (EDC)	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Trichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Dibromomethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-34-111611
Date Collected: 11/16/11 12:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-13
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
cis-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Toluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
4-Methyl-2-pentanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
trans-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Tetrachloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,1,2-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Dibromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,3-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2-Dibromoethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
2-Hexanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Ethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Chlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,1,1,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
m,p-Xylene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
o-Xylene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Styrene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Bromoform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Isopropylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
n-Propylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,1,2,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Bromobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,3,5-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
2-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2,3-Trichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
4-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
tert-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2,4-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
sec-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
p-Isopropyltoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,3-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,4-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
n-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2-Dibromo-3-chloropropane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Hexachlorobutadiene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2,4-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
Naphthalene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00
1,2,3-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 18:03	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*95.4*		*66.5 - 145*	*11/20/11 07:12*	*11/20/11 18:03*	*1.00*
Toluene-d8	*96.4*		*75.4 - 120*	*11/20/11 07:12*	*11/20/11 18:03*	*1.00*
4-bromofluorobenzene	*96.4*		*68.4 - 123*	*11/20/11 07:12*	*11/20/11 18:03*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:27	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:27	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-34-111611
Date Collected: 11/16/11 12:10
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-13
Matrix: Water

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:48	1.00
PCB-1221	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:35	1.00
PCB-1232	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:35	1.00
PCB-1242	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:35	1.00
PCB-1248	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:35	1.00
PCB-1254	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:35	1.00
PCB-1260	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:48	1.00
PCB-1268	ND		0.108		ug/l		12/02/11 13:45	12/05/11 12:35	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*53.9*		*40 - 137*	*12/02/11 13:45*	*12/05/11 12:48*	*1.00*
Decachlorobiphenyl	*75.3*		*40 - 124*	*12/02/11 13:45*	*12/05/11 12:48*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		0.238		mg/l		11/21/11 09:38	11/23/11 14:48	1.00
Heavy Oil Range Hydrocarbons	ND		0.476		mg/l		11/21/11 09:38	11/23/11 14:48	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*79.3*		*50 - 150*	*11/21/11 09:38*	*11/23/11 14:48*	*1.00*
p-Terphenyl-d14	*81.2*		*50 - 150*	*11/21/11 09:38*	*11/23/11 14:48*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		100		ug/l		11/21/11 08:18	11/21/11 12:55	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*98.7*		*37.9 - 162*	*11/21/11 08:18*	*11/21/11 12:55*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	B	0.0300		mg/l		12/05/11 17:45	12/06/11 10:20	1.00

Client Sample ID: DP-35-4.0-111611
Date Collected: 11/16/11 12:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-14
Matrix: Soil
Percent Solids: 88.5

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Chloromethane	ND		0.605	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Vinyl chloride	ND		0.0726	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Bromomethane	ND		0.605	0.121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Chloroethane	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Trichlorofluoromethane	ND		0.0363	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,1-Dichloroethene	**0.0448**	**J**	0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Carbon disulfide	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Methylene chloride	ND		1.21	0.363	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Acetone	ND		2.42	1.14	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
trans-1,2-Dichloroethene	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Methyl tert-butyl ether	ND		0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-35-4.0-111611
Date Collected: 11/16/11 12:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-14
Matrix: Soil
Percent Solids: 88.5

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
cis-1,2-Dichloroethene	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
2,2-Dichloropropane	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Bromochloromethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Chloroform	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Carbon tetrachloride	ND		0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,1,1-Trichloroethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
2-Butanone	ND		1.21	0.121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,1-Dichloropropene	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Benzene	0.0775		0.0242	0.00968	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2-Dichloroethane (EDC)	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Trichloroethene	0.0508		0.0303	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Dibromomethane	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2-Dichloropropane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Bromodichloromethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
cis-1,3-Dichloropropene	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Toluene	0.0787	J	0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
4-Methyl-2-pentanone	ND		1.21	0.121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
trans-1,3-Dichloropropene	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Tetrachloroethene	ND		0.0605	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,1,2-Trichloroethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Dibromochloromethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,3-Dichloropropane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2-Dibromoethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
2-Hexanone	ND		1.21	0.121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Ethylbenzene	0.0363	J	0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Chlorobenzene	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,1,1,2-Tetrachloroethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
m,p-Xylene	0.122	J	0.484	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
o-Xylene	0.0508	J	0.242	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Styrene	ND		0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Bromoform	ND		0.121	0.0605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Isopropylbenzene	ND		0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
n-Propylbenzene	0.0266	J	0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,1,2,2-Tetrachloroethane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Bromobenzene	ND		0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,3,5-Trimethylbenzene	0.0399	J	0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
2-Chlorotoluene	ND		0.121	0.00605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2,3-Trichloropropane	ND		0.121	0.0242	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
4-Chlorotoluene	ND		0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
tert-Butylbenzene	ND		0.121	0.00605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2,4-Trimethylbenzene	0.0629	J	0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
sec-Butylbenzene	ND		0.121	0.00847	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
p-Isopropyltoluene	ND		0.121	0.00847	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,3-Dichlorobenzene	ND		0.121	0.00484	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,4-Dichlorobenzene	ND		0.121	0.00605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
n-Butylbenzene	ND		0.121	0.0121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2-Dichlorobenzene	ND		0.121	0.00605	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2-Dibromo-3-chloropropane	ND		0.605	0.121	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Hexachlorobutadiene	ND		0.121	0.0484	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00

Client Sample ID: DP-35-4.0-111611
Date Collected: 11/16/11 12:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-14
Matrix: Soil
Percent Solids: 88.5

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.121	0.0363	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
Naphthalene	ND		0.242	0.133	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00
1,2,3-Trichlorobenzene	ND		0.121	0.0363	mg/kg dry	☼	11/21/11 15:42	11/22/11 10:46	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.8*		*71.6 - 127*	*11/21/11 15:42*	*11/22/11 10:46*	*1.00*
Toluene-d8	*114*		*80 - 129*	*11/21/11 15:42*	*11/22/11 10:46*	*1.00*
4-bromofluorobenzene	*119*		*57.7 - 149*	*11/21/11 15:42*	*11/22/11 10:46*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.12		ug/kg dry	☼	11/21/11 08:22	11/23/11 23:32	1.00
1,2-Dibromo-3-chloropropane	ND		1.12		ug/kg dry	☼	11/21/11 08:22	11/23/11 23:32	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	217		22.6		mg/kg dry	☼	11/21/11 09:35	11/22/11 09:57	2.00
Heavy Oil Range Hydrocarbons	1060		56.5		mg/kg dry	☼	11/21/11 09:35	11/22/11 09:57	2.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*74.4*		*50 - 150*	*11/21/11 09:35*	*11/22/11 09:57*	*2.00*
p-Terphenyl-d14	*88.4*		*50 - 150*	*11/21/11 09:35*	*11/22/11 09:57*	*2.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		6.05		mg/kg dry	☼	11/20/11 07:08	11/20/11 22:27	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*98.9*		*50 - 150*	*11/20/11 07:08*	*11/20/11 22:27*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	113		1.69		mg/kg dry	☼	12/05/11 17:43	12/06/11 12:54	1.00

Client Sample ID: DP-36-8.0-111611
Date Collected: 11/16/11 13:00
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-16
Matrix: Soil
Percent Solids: 76.7

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Chloromethane	ND		0.760	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Vinyl chloride	ND		0.0912	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Bromomethane	ND		0.760	0.152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Chloroethane	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Trichlorofluoromethane	ND		0.0456	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,1-Dichloroethene	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Carbon disulfide	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Methylene chloride	ND		1.52	0.456	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Acetone	ND		3.04	1.43	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
trans-1,2-Dichloroethene	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00

Client Sample ID: DP-36-8.0-111611
Date Collected: 11/16/11 13:00
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-16
Matrix: Soil
Percent Solids: 76.7

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,1-Dichloroethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
cis-1,2-Dichloroethene	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
2,2-Dichloropropane	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Bromochloromethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Chloroform	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Carbon tetrachloride	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,1,1-Trichloroethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
2-Butanone	ND		1.52	0.152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,1-Dichloropropene	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Benzene	ND		0.0304	0.0122	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2-Dichloroethane (EDC)	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Trichloroethene	ND		0.0380	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Dibromomethane	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2-Dichloropropane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Bromodichloromethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
cis-1,3-Dichloropropene	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Toluene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
4-Methyl-2-pentanone	ND		1.52	0.152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
trans-1,3-Dichloropropene	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Tetrachloroethene	ND		0.0760	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,1,2-Trichloroethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Dibromochloromethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,3-Dichloropropane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2-Dibromoethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
2-Hexanone	ND		1.52	0.152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Ethylbenzene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Chlorobenzene	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,1,1,2-Tetrachloroethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
m,p-Xylene	ND		0.608	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
o-Xylene	ND		0.304	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Styrene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Bromoform	ND		0.152	0.0760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Isopropylbenzene	0.0304	J	0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
n-Propylbenzene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,1,2,2-Tetrachloroethane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Bromobenzene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,3,5-Trimethylbenzene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
2-Chlorotoluene	ND		0.152	0.00760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2,3-Trichloropropane	ND		0.152	0.0304	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
4-Chlorotoluene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
tert-Butylbenzene	ND		0.152	0.00760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2,4-Trimethylbenzene	0.0258	J	0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
sec-Butylbenzene	ND		0.152	0.0106	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
p-Isopropyltoluene	ND		0.152	0.0106	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,3-Dichlorobenzene	ND		0.152	0.00608	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,4-Dichlorobenzene	ND		0.152	0.00760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
n-Butylbenzene	ND		0.152	0.0152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2-Dichlorobenzene	ND		0.152	0.00760	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2-Dibromo-3-chloropropane	ND		0.760	0.152	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00

Client Sample ID: DP-36-8.0-111611
Date Collected: 11/16/11 13:00
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-16
Matrix: Soil
Percent Solids: 76.7

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.152	0.0608	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2,4-Trichlorobenzene	ND		0.152	0.0456	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
Naphthalene	ND		0.304	0.167	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00
1,2,3-Trichlorobenzene	ND		0.152	0.0456	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:14	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*90.8*		*71.6 - 127*	*11/21/11 15:42*	*11/22/11 11:14*	*1.00*
Toluene-d8	*109*		*80 - 129*	*11/21/11 15:42*	*11/22/11 11:14*	*1.00*
4-bromofluorobenzene	*132*		*57.7 - 149*	*11/21/11 15:42*	*11/22/11 11:14*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.30		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:46	1.00
1,2-Dibromo-3-chloropropane	ND		1.30		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:46	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		13.0		mg/kg dry	☼	11/28/11 13:33	11/29/11 12:31	1.00
Heavy Oil Range Hydrocarbons	ND		32.6		mg/kg dry	☼	11/28/11 13:33	11/29/11 12:31	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*67.2*		*50 - 150*	*11/28/11 13:33*	*11/29/11 12:31*	*1.00*
p-Terphenyl-d14	*87.3*		*50 - 150*	*11/28/11 13:33*	*11/29/11 12:31*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		7.60		mg/kg dry	☼	11/22/11 08:26	11/22/11 11:27	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*96.6*		*50 - 150*	*11/22/11 08:26*	*11/22/11 11:27*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.03		1.96		mg/kg dry	☼	12/05/11 17:43	12/06/11 13:07	1.00

Client Sample ID: DP-37-4.0-111611
Date Collected: 11/16/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-17
Matrix: Soil
Percent Solids: 76.1

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Chloromethane	ND		0.843	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Vinyl chloride	ND		0.101	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Bromomethane	ND		0.843	0.169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Chloroethane	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Trichlorofluoromethane	ND		0.0506	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,1-Dichloroethene	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Carbon disulfide	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Methylene chloride	ND		1.69	0.506	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Acetone	ND		3.37	1.58	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-37-4.0-111611
Date Collected: 11/16/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-17
Matrix: Soil
Percent Solids: 76.1

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Methyl tert-butyl ether	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,1-Dichloroethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
cis-1,2-Dichloroethene	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
2,2-Dichloropropane	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Bromochloromethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Chloroform	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Carbon tetrachloride	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,1,1-Trichloroethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
2-Butanone	ND		1.69	0.169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,1-Dichloropropene	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Benzene	ND		0.0337	0.0135	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2-Dichloroethane (EDC)	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Trichloroethene	ND		0.0421	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Dibromomethane	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2-Dichloropropane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Bromodichloromethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
cis-1,3-Dichloropropene	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Toluene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
4-Methyl-2-pentanone	ND		1.69	0.169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
trans-1,3-Dichloropropene	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Tetrachloroethene	ND		0.0843	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,1,2-Trichloroethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Dibromochloromethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,3-Dichloropropane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2-Dibromoethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
2-Hexanone	ND		1.69	0.169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Ethylbenzene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Chlorobenzene	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,1,1,2-Tetrachloroethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
m,p-Xylene	ND		0.674	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
o-Xylene	ND		0.337	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Styrene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Bromoform	ND		0.169	0.0843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Isopropylbenzene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
n-Propylbenzene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,1,2,2-Tetrachloroethane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Bromobenzene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,3,5-Trimethylbenzene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
2-Chlorotoluene	ND		0.169	0.00843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2,3-Trichloropropane	ND		0.169	0.0337	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
4-Chlorotoluene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
tert-Butylbenzene	ND		0.169	0.00843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2,4-Trimethylbenzene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
sec-Butylbenzene	ND		0.169	0.0118	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
p-Isopropyltoluene	ND		0.169	0.0118	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,3-Dichlorobenzene	ND		0.169	0.00674	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,4-Dichlorobenzene	ND		0.169	0.00843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
n-Butylbenzene	ND		0.169	0.0169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2-Dichlorobenzene	ND		0.169	0.00843	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-37-4.0-111611
Date Collected: 11/16/11 13:15
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-17
Matrix: Soil
Percent Solids: 76.1

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	ND		0.843	0.169	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Hexachlorobutadiene	ND		0.169	0.0674	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2,4-Trichlorobenzene	ND		0.169	0.0506	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
Naphthalene	ND		0.337	0.185	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00
1,2,3-Trichlorobenzene	ND		0.169	0.0506	mg/kg dry	☼	11/21/11 15:42	11/22/11 11:42	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.8*		*71.6 - 127*	*11/21/11 15:42*	*11/22/11 11:42*	*1.00*
Toluene-d8	*111*		*80 - 129*	*11/21/11 15:42*	*11/22/11 11:42*	*1.00*
4-bromofluorobenzene	*126*		*57.7 - 149*	*11/21/11 15:42*	*11/22/11 11:42*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.29		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:59	1.00
1,2-Dibromo-3-chloropropane	ND		1.29		ug/kg dry	☼	11/21/11 08:22	11/23/11 18:59	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		13.1		mg/kg dry	☼	11/21/11 09:35	11/22/11 01:54	1.00
Heavy Oil Range Hydrocarbons	ND		32.9		mg/kg dry	☼	11/21/11 09:35	11/22/11 01:54	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*88.9*		*50 - 150*	*11/21/11 09:35*	*11/22/11 01:54*	*1.00*
p-Terphenyl-d14	*92.1*		*50 - 150*	*11/21/11 09:35*	*11/22/11 01:54*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		8.43		mg/kg dry	☼	11/20/11 07:08	11/20/11 22:52	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*98.8*		*50 - 150*	*11/20/11 07:08*	*11/20/11 22:52*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.41		1.97		mg/kg dry	☼	12/05/11 17:43	12/06/11 13:11	1.00

Client Sample ID: DP-37-10.0-111611
Date Collected: 11/16/11 13:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-18
Matrix: Soil
Percent Solids: 69.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Chloromethane	ND		0.885	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Vinyl chloride	ND		0.106	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Bromomethane	ND		0.885	0.177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Chloroethane	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Trichlorofluoromethane	ND		0.0531	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,1-Dichloroethene	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Carbon disulfide	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Methylene chloride	ND		1.77	0.531	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-37-10.0-111611
Date Collected: 11/16/11 13:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-18
Matrix: Soil
Percent Solids: 69.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.54	1.66	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
trans-1,2-Dichloroethene	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Methyl tert-butyl ether	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,1-Dichloroethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
cis-1,2-Dichloroethene	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
2,2-Dichloropropane	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Bromochloromethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Chloroform	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Carbon tetrachloride	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,1,1-Trichloroethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
2-Butanone	ND		1.77	0.177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,1-Dichloropropene	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Benzene	ND		0.0354	0.0142	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2-Dichloroethane (EDC)	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Trichloroethene	ND		0.0443	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Dibromomethane	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2-Dichloropropane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Bromodichloromethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
cis-1,3-Dichloropropene	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Toluene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
4-Methyl-2-pentanone	ND		1.77	0.177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
trans-1,3-Dichloropropene	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Tetrachloroethene	ND		0.0885	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,1,2-Trichloroethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Dibromochloromethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,3-Dichloropropane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2-Dibromoethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
2-Hexanone	ND		1.77	0.177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Ethylbenzene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Chlorobenzene	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,1,1,2-Tetrachloroethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
m,p-Xylene	ND		0.708	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
o-Xylene	ND		0.354	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Styrene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Bromoform	ND		0.177	0.0885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Isopropylbenzene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
n-Propylbenzene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,1,2,2-Tetrachloroethane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Bromobenzene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,3,5-Trimethylbenzene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
2-Chlorotoluene	ND		0.177	0.00885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2,3-Trichloropropane	ND		0.177	0.0354	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
4-Chlorotoluene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
tert-Butylbenzene	ND		0.177	0.00885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2,4-Trimethylbenzene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
sec-Butylbenzene	ND		0.177	0.0124	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
p-Isopropyltoluene	ND		0.177	0.0124	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,3-Dichlorobenzene	ND		0.177	0.00708	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,4-Dichlorobenzene	ND		0.177	0.00885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
n-Butylbenzene	ND		0.177	0.0177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-37-10.0-111611
Date Collected: 11/16/11 13:25
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-18
Matrix: Soil
Percent Solids: 69.4

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.177	0.00885	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2-Dibromo-3-chloropropane	ND		0.885	0.177	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Hexachlorobutadiene	ND		0.177	0.0708	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2,4-Trichlorobenzene	ND		0.177	0.0531	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
Naphthalene	ND		0.354	0.195	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00
1,2,3-Trichlorobenzene	ND		0.177	0.0531	mg/kg dry	☼	11/21/11 15:42	11/22/11 12:11	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*92.0*		*71.6 - 127*	*11/21/11 15:42*	*11/22/11 12:11*	*1.00*
Toluene-d8	*116*		*80 - 129*	*11/21/11 15:42*	*11/22/11 12:11*	*1.00*
4-bromofluorobenzene	*139*		*57.7 - 149*	*11/21/11 15:42*	*11/22/11 12:11*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.42		ug/kg dry	☼	11/21/11 08:22	11/23/11 20:17	1.00
1,2-Dibromo-3-chloropropane	ND		1.42		ug/kg dry	☼	11/21/11 08:22	11/23/11 20:17	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		14.4		mg/kg dry	☼	11/21/11 09:35	11/22/11 02:44	1.00
Heavy Oil Range Hydrocarbons	ND		36.0		mg/kg dry	☼	11/21/11 09:35	11/22/11 02:44	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*87.5*		*50 - 150*	*11/21/11 09:35*	*11/22/11 02:44*	*1.00*
p-Terphenyl-d14	*93.2*		*50 - 150*	*11/21/11 09:35*	*11/22/11 02:44*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		8.85		mg/kg dry	☼	11/20/11 07:10	11/21/11 00:30	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*101*		*50 - 150*	*11/20/11 07:10*	*11/21/11 00:30*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.16		mg/kg dry	☼	12/05/11 17:43	12/06/11 13:15	1.00

Client Sample ID: DP-37-111611
Date Collected: 11/16/11 14:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-19
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Chloromethane	ND		3.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Vinyl chloride	ND		0.200		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Bromomethane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Chloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Trichlorofluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,1-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Carbon disulfide	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-37-111611
Date Collected: 11/16/11 14:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-19
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene chloride	ND		10.0		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Acetone	ND		25.0		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
trans-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Methyl tert-butyl ether	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,1-Dichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
cis-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
2,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Bromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Chloroform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Carbon tetrachloride	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,1,1-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
2-Butanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,1-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Benzene	ND		0.200		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2-Dichloroethane (EDC)	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Trichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Dibromomethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Bromodichloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
cis-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Toluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
4-Methyl-2-pentanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
trans-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Tetrachloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,1,2-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Dibromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,3-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2-Dibromoethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
2-Hexanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Ethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Chlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,1,1,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
m,p-Xylene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
o-Xylene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Styrene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Bromoform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Isopropylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
n-Propylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,1,2,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Bromobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,3,5-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
2-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2,3-Trichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
4-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
tert-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2,4-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
sec-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
p-Isopropyltoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,3-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,4-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Client Sample ID: DP-37-111611
Date Collected: 11/16/11 14:20
Date Received: 11/18/11 15:30

Lab Sample ID: SUK0109-19
Matrix: Water

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2-Dibromo-3-chloropropane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Hexachlorobutadiene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2,4-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
Naphthalene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00
1,2,3-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 11:32	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.0*		*66.5 - 145*	*11/20/11 07:12*	*11/20/11 11:32*	*1.00*
Toluene-d8	*102*		*75.4 - 120*	*11/20/11 07:12*	*11/20/11 11:32*	*1.00*
4-bromofluorobenzene	*114*		*68.4 - 123*	*11/20/11 07:12*	*11/20/11 11:32*	*1.00*

Method: EPA 8011 - EDB by EPA Method 8011

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:40	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 15:40	1.00

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.107		ug/l		12/02/11 13:45	12/05/11 13:34	1.00
PCB-1221	ND		0.107		ug/l		12/02/11 13:45	12/05/11 12:48	1.00
PCB-1232	ND		0.107		ug/l		12/02/11 13:45	12/05/11 12:48	1.00
PCB-1242	ND		0.107		ug/l		12/02/11 13:45	12/05/11 12:48	1.00
PCB-1248	ND		0.107		ug/l		12/02/11 13:45	12/05/11 12:48	1.00
PCB-1254	ND		0.107		ug/l		12/02/11 13:45	12/05/11 12:48	1.00
PCB-1260	ND		0.107		ug/l		12/02/11 13:45	12/05/11 13:34	1.00
PCB-1268	ND		0.107		ug/l		12/02/11 13:45	12/05/11 12:48	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*65.1*		*40 - 137*	*12/02/11 13:45*	*12/05/11 13:34*	*1.00*
Decachlorobiphenyl	*74.2*		*40 - 124*	*12/02/11 13:45*	*12/05/11 13:34*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		0.237		mg/l		11/21/11 09:38	11/23/11 15:04	1.00
Heavy Oil Range Hydrocarbons	ND		0.474		mg/l		11/21/11 09:38	11/23/11 15:04	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*82.0*		*50 - 150*	*11/21/11 09:38*	*11/23/11 15:04*	*1.00*
p-Terphenyl-d14	*81.9*		*50 - 150*	*11/21/11 09:38*	*11/23/11 15:04*	*1.00*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		100		ug/l		11/21/11 08:18	11/21/11 13:20	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*101*		*37.9 - 162*	*11/21/11 08:18*	*11/21/11 13:20*	*1.00*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	B	0.0300		mg/l		12/05/11 17:45	12/06/11 09:54	1.00

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 11K0116-BLK1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chloromethane	ND		3.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Vinyl chloride	ND		0.200		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromomethane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Trichlorofluoromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Carbon disulfide	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Methylene chloride	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Acetone	ND		25.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
trans-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Methyl tert-butyl ether	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1-Dichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
cis-1,2-Dichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
2,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chloroform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Carbon tetrachloride	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,1-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
2-Butanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Benzene	ND		0.200		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dichloroethane (EDC)	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Trichloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Dibromomethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromodichloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
cis-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Toluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
4-Methyl-2-pentanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
trans-1,3-Dichloropropene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Tetrachloroethene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,2-Trichloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Dibromochloromethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,3-Dichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dibromoethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
2-Hexanone	ND		10.0		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Ethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Chlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,1,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
m,p-Xylene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
o-Xylene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Styrene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromoform	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Isopropylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
n-Propylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,1,2,2-Tetrachloroethane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Bromobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,3,5-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11K0116-BLK1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,3-Trichloropropane	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
4-Chlorotoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
tert-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,4-Trimethylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
sec-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
p-Isopropyltoluene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,3-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,4-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
n-Butylbenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2-Dibromo-3-chloropropane	ND		5.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Hexachlorobutadiene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,4-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
Naphthalene	ND		2.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00
1,2,3-Trichlorobenzene	ND		1.00		ug/l		11/20/11 07:12	11/20/11 08:45	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.4*		*66.5 - 145*	*11/20/11 07:12*	*11/20/11 08:45*	*1.00*
Toluene-d8	*94.4*		*75.4 - 120*	*11/20/11 07:12*	*11/20/11 08:45*	*1.00*
4-bromofluorobenzene	*84.8*		*68.4 - 123*	*11/20/11 07:12*	*11/20/11 08:45*	*1.00*

Lab Sample ID: 11K0116-BS1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.6		ug/l		106	60.4 - 140
Benzene	10.0	10.5		ug/l		105	72.9 - 120
Trichloroethene	10.0	10.1		ug/l		101	73.7 - 120
Toluene	10.0	11.6		ug/l		116	72.4 - 132
Chlorobenzene	10.0	11.0		ug/l		110	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*91.6*		*66.5 - 145*
Toluene-d8	*93.0*		*75.4 - 120*
4-bromofluorobenzene	*86.2*		*68.4 - 123*

Lab Sample ID: 11K0116-MS1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: DP-37-111611
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		10.0	10.2		ug/l		102	52.5 - 135
Benzene	ND		10.0	10.2		ug/l		102	72.3 - 120
Trichloroethene	ND		10.0	9.46		ug/l		94.6	80 - 120
Toluene	ND		10.0	11.2		ug/l		112	62.7 - 137
Chlorobenzene	ND		10.0	10.5		ug/l		105	78.9 - 120

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11K0116-MS1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: DP-37-111611
Prep Type: Total
Prep Batch: 11K0116_P

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
Dibromofluoromethane	*96.2*		*66.5 - 145*
Toluene-d8	*97.2*		*75.4 - 120*
4-bromofluorobenzene	*102*		*68.4 - 123*

Lab Sample ID: 11K0116-MSD1
Matrix: Water
Analysis Batch: 11K0116

Client Sample ID: DP-37-111611
Prep Type: Total
Prep Batch: 11K0116_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		10.0	9.83		ug/l		98.3	52.5 - 135	3.40	10.5
Benzene	ND		10.0	10.2		ug/l		102	72.3 - 120	0.00	10.7
Trichloroethene	ND		10.0	9.47		ug/l		94.7	80 - 120	0.106	10
Toluene	ND		10.0	11.3		ug/l		113	62.7 - 137	0.621	13
Chlorobenzene	ND		10.0	10.6		ug/l		106	78.9 - 120	0.190	11.2

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
Dibromofluoromethane	*88.4*		*66.5 - 145*
Toluene-d8	*101*		*75.4 - 120*
4-bromofluorobenzene	*114*		*68.4 - 123*

Lab Sample ID: 11K0128-BLK1
Matrix: Water
Analysis Batch: 11K0128

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0128_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Chloromethane	ND		3.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Vinyl chloride	ND		0.200		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Bromomethane	ND		5.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Chloroethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Trichlorofluoromethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,1-Dichloroethene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Carbon disulfide	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Methylene chloride	ND		10.0		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Acetone	ND		25.0		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
trans-1,2-Dichloroethene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Methyl tert-butyl ether	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,1-Dichloroethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
cis-1,2-Dichloroethene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
2,2-Dichloropropane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Bromochloromethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Chloroform	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Carbon tetrachloride	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,1,1-Trichloroethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
2-Butanone	ND		10.0		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,1-Dichloropropene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Benzene	ND		0.200		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2-Dichloroethane (EDC)	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Trichloroethene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11K0128-BLK1
Matrix: Water
Analysis Batch: 11K0128

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0128_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2-Dichloropropane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Bromodichloromethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
cis-1,3-Dichloropropene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Toluene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
4-Methyl-2-pentanone	ND		10.0		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
trans-1,3-Dichloropropene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Tetrachloroethene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,1,2-Trichloroethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Dibromochloromethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,3-Dichloropropane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2-Dibromoethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
2-Hexanone	ND		10.0		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Ethylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Chlorobenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,1,1,2-Tetrachloroethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
m,p-Xylene	ND		2.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
o-Xylene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Styrene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Bromoform	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Isopropylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
n-Propylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,1,2,2-Tetrachloroethane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Bromobenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,3,5-Trimethylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
2-Chlorotoluene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2,3-Trichloropropane	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
4-Chlorotoluene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
tert-Butylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2,4-Trimethylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
sec-Butylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
p-Isopropyltoluene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,3-Dichlorobenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,4-Dichlorobenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
n-Butylbenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2-Dichlorobenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2-Dibromo-3-chloropropane	ND		5.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Hexachlorobutadiene	ND		2.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2,4-Trichlorobenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
Naphthalene	ND		2.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00
1,2,3-Trichlorobenzene	ND		1.00		ug/l		11/21/11 15:46	11/22/11 14:46	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*89.0*		*66.5 - 145*	*11/21/11 15:46*	*11/22/11 14:46*	*1.00*
Toluene-d8	*101*		*75.4 - 120*	*11/21/11 15:46*	*11/22/11 14:46*	*1.00*
4-bromofluorobenzene	*104*		*68.4 - 123*	*11/21/11 15:46*	*11/22/11 14:46*	*1.00*

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Method: EPA 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11K0128-BS1
Matrix: Water
Analysis Batch: 11K0128

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0128_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	9.39		ug/l		93.9	60.4 - 140
Benzene	10.0	9.53		ug/l		95.3	72.9 - 120
Trichloroethene	10.0	9.05		ug/l		90.5	73.7 - 120
Toluene	10.0	10.8		ug/l		108	72.4 - 132
Chlorobenzene	10.0	10.1		ug/l		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*88.2*		*66.5 - 145*
Toluene-d8	*98.0*		*75.4 - 120*
4-bromofluorobenzene	*98.2*		*68.4 - 123*

Lab Sample ID: 11K0128-BSD1
Matrix: Water
Analysis Batch: 11K0128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0128_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	10.0	10.0		ug/l		100	60.4 - 140	6.39	14
Benzene	10.0	10.0		ug/l		100	72.9 - 120	5.31	14.3
Trichloroethene	10.0	9.60		ug/l		96.0	73.7 - 120	5.90	10
Toluene	10.0	11.6		ug/l		116	72.4 - 132	6.85	12
Chlorobenzene	10.0	10.8		ug/l		108	80 - 120	5.93	11

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
Dibromofluoromethane	*88.4*		*66.5 - 145*
Toluene-d8	*98.2*		*75.4 - 120*
4-bromofluorobenzene	*94.8*		*68.4 - 123*

Lab Sample ID: 11K0128-DUP1
Matrix: Water
Analysis Batch: 11K0128

Client Sample ID: DP-33-111611
Prep Type: Total
Prep Batch: 11K0128_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethene	ND		ND		ug/l			20
Benzene	2.80		2.80		ug/l		0.00	20
Trichloroethene	ND		ND		ug/l			20
Toluene	9.40		10.2		ug/l		8.16	20
Chlorobenzene	ND		ND		ug/l			20

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
Dibromofluoromethane	*90.2*		*66.5 - 145*
Toluene-d8	*108*		*75.4 - 120*
4-bromofluorobenzene	*122*		*68.4 - 123*

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B

Lab Sample ID: 11K0118-BLK1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chloromethane	ND		0.500	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Vinyl chloride	ND		0.0600	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromomethane	ND		0.500	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chloroethane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Trichlorofluoromethane	ND		0.0300	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Carbon disulfide	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Methylene chloride	ND		1.00	0.300	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Acetone	ND		2.00	0.940	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
trans-1,2-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Methyl tert-butyl ether	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1-Dichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
cis-1,2-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
2,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromochloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chloroform	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Carbon tetrachloride	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,1-Trichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
2-Butanone	ND		1.00	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Benzene	ND		0.0200	0.00800	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dichloroethane (EDC)	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Trichloroethene	ND		0.0250	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Dibromomethane	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dichloropropane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromodichloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
cis-1,3-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Toluene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
4-Methyl-2-pentanone	ND		1.00	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
trans-1,3-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Tetrachloroethene	ND		0.0500	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,2-Trichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Dibromochloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,3-Dichloropropane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dibromoethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
2-Hexanone	ND		1.00	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Ethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Chlorobenzene	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,1,2-Tetrachloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
m,p-Xylene	ND		0.400	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
o-Xylene	ND		0.200	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Styrene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromoform	ND		0.100	0.0500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Isopropylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
n-Propylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,1,2,2-Tetrachloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Bromobenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,3,5-Trimethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Lab Sample ID: 11K0118-BLK1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,3-Trichloropropane	0.0330	J	0.100	0.0200	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
4-Chlorotoluene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
tert-Butylbenzene	ND		0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,4-Trimethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
sec-Butylbenzene	ND		0.100	0.00700	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
p-Isopropyltoluene	ND		0.100	0.00700	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,3-Dichlorobenzene	ND		0.100	0.00400	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,4-Dichlorobenzene	ND		0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
n-Butylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dichlorobenzene	0.0130	J	0.100	0.00500	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2-Dibromo-3-chloropropane	ND		0.500	0.100	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Hexachlorobutadiene	ND		0.100	0.0400	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,4-Trichlorobenzene	ND		0.100	0.0300	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
Naphthalene	ND		0.200	0.110	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00
1,2,3-Trichlorobenzene	0.0400	J	0.100	0.0300	mg/kg wet		11/21/11 08:16	11/21/11 09:44	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91.4*		*71.6 - 127*	*11/21/11 08:16*	*11/21/11 09:44*	*1.00*
Toluene-d8	*107*		*80 - 129*	*11/21/11 08:16*	*11/21/11 09:44*	*1.00*
4-bromofluorobenzene	*107*		*57.7 - 149*	*11/21/11 08:16*	*11/21/11 09:44*	*1.00*

Lab Sample ID: 11K0118-BS1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1.00	0.878		mg/kg wet		87.8	54.2 - 150
Benzene	1.00	0.998		mg/kg wet		99.8	75.8 - 122
Trichloroethene	1.00	0.924		mg/kg wet		92.4	78 - 122
Toluene	1.00	1.11		mg/kg wet		111	80 - 124
Chlorobenzene	1.00	1.05		mg/kg wet		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*90.8*		*71.6 - 127*
Toluene-d8	*109*		*80 - 129*
4-bromofluorobenzene	*107*		*57.7 - 149*

Lab Sample ID: 11K0118-MS1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: DP-29-2.5-111611
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		1.14	1.22		mg/kg dry	☼	107	58.8 - 134
Benzene	0.164		1.14	1.58	M7	mg/kg dry	☼	124	72 - 120
Trichloroethene	ND		1.14	1.28		mg/kg dry	☼	112	71.1 - 121
Toluene	0.0694	J	1.14	1.71	M7	mg/kg dry	☼	144	75.6 - 120
Chlorobenzene	ND		1.14	1.53	M7	mg/kg dry	☼	134	75.7 - 120

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Lab Sample ID: 11K0118-MS1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: DP-29-2.5-111611
Prep Type: Total
Prep Batch: 11K0118_P

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
Dibromofluoromethane	*89.2*		*71.6 - 127*
Toluene-d8	*122*		*80 - 129*
4-bromofluorobenzene	*141*		*57.7 - 149*

Lab Sample ID: 11K0118-MSD1
Matrix: Soil
Analysis Batch: 11K0118

Client Sample ID: DP-29-2.5-111611
Prep Type: Total
Prep Batch: 11K0118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		1.14	1.24		mg/kg dry	☼	109	58.8 - 134	1.38	26.4
Benzene	0.164		1.14	1.69	M7	mg/kg dry	☼	134	72 - 120	6.59	29.5
Trichloroethene	ND		1.14	1.32		mg/kg dry	☼	116	71.1 - 121	3.48	29.8
Toluene	0.0694	J	1.14	1.75	M7	mg/kg dry	☼	147	75.6 - 120	2.13	27
Chlorobenzene	ND		1.14	1.57	M7	mg/kg dry	☼	138	75.7 - 120	2.29	26.6

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
Dibromofluoromethane	*90.4*		*71.6 - 127*
Toluene-d8	*119*		*80 - 129*
4-bromofluorobenzene	*149*		*57.7 - 149*

Lab Sample ID: 11K0127-BLK1
Matrix: Soil
Analysis Batch: 11K0127

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0127_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Chloromethane	ND		0.500	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Vinyl chloride	ND		0.0600	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Bromomethane	ND		0.500	0.100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Chloroethane	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Trichlorofluoromethane	ND		0.0300	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,1-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Carbon disulfide	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Methylene chloride	ND		1.00	0.300	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Acetone	ND		2.00	0.940	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
trans-1,2-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Methyl tert-butyl ether	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,1-Dichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
cis-1,2-Dichloroethene	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
2,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Bromochloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Chloroform	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Carbon tetrachloride	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,1,1-Trichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
2-Butanone	ND		1.00	0.100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,1-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Benzene	ND		0.0200	0.00800	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2-Dichloroethane (EDC)	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Trichloroethene	ND		0.0250	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Lab Sample ID: 11K0127-BLK1
Matrix: Soil
Analysis Batch: 11K0127

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0127_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2-Dichloropropane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Bromodichloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
cis-1,3-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Toluene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
4-Methyl-2-pentanone	ND		1.00	0.100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
trans-1,3-Dichloropropene	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Tetrachloroethene	ND		0.0500	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,1,2-Trichloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Dibromochloromethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,3-Dichloropropane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2-Dibromoethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
2-Hexanone	ND		1.00	0.100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Ethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Chlorobenzene	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,1,1,2-Tetrachloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
m,p-Xylene	ND		0.400	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
o-Xylene	ND		0.200	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Styrene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Bromoform	ND		0.100	0.0500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Isopropylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
n-Propylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,1,2,2-Tetrachloroethane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Bromobenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,3,5-Trimethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
2-Chlorotoluene	ND		0.100	0.00500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2,3-Trichloropropane	ND		0.100	0.0200	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
4-Chlorotoluene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
tert-Butylbenzene	ND		0.100	0.00500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2,4-Trimethylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
sec-Butylbenzene	ND		0.100	0.00700	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
p-Isopropyltoluene	ND		0.100	0.00700	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,3-Dichlorobenzene	ND		0.100	0.00400	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,4-Dichlorobenzene	ND		0.100	0.00500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
n-Butylbenzene	ND		0.100	0.0100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2-Dichlorobenzene	ND		0.100	0.00500	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2-Dibromo-3-chloropropane	ND		0.500	0.100	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Hexachlorobutadiene	ND		0.100	0.0400	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2,4-Trichlorobenzene	ND		0.100	0.0300	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
Naphthalene	ND		0.200	0.110	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00
1,2,3-Trichlorobenzene	ND		0.100	0.0300	mg/kg wet		11/21/11 15:42	11/22/11 09:50	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*90.8*		*71.6 - 127*	*11/21/11 15:42*	*11/22/11 09:50*	*1.00*
Toluene-d8	*111*		*80 - 129*	*11/21/11 15:42*	*11/22/11 09:50*	*1.00*
4-bromofluorobenzene	*115*		*57.7 - 149*	*11/21/11 15:42*	*11/22/11 09:50*	*1.00*

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Method: EPA 8260B - Volatile Organic Compounds by EPA Methods 5035/8260B (Continued)

Lab Sample ID: 11K0127-BS1
Matrix: Soil
Analysis Batch: 11K0127

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0127_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1.00	0.801		mg/kg wet		80.1	54.2 - 150
Benzene	1.00	0.964		mg/kg wet		96.4	75.8 - 122
Trichloroethene	1.00	0.880		mg/kg wet		88.0	78 - 122
Toluene	1.00	1.11		mg/kg wet		111	80 - 124
Chlorobenzene	1.00	1.05		mg/kg wet		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*89.0*		*71.6 - 127*
Toluene-d8	*115*		*80 - 129*
4-bromofluorobenzene	*117*		*57.7 - 149*

Lab Sample ID: 11K0127-MS1
Matrix: Soil
Analysis Batch: 11K0127

Client Sample ID: DP-37-10.0-111611
Prep Type: Total
Prep Batch: 11K0127_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		1.33	1.54		mg/kg dry	☼	116	58.8 - 134
Benzene	ND		1.33	1.80	M7	mg/kg dry	☼	135	72 - 120
Trichloroethene	ND		1.33	1.61		mg/kg dry	☼	121	71.1 - 121
Toluene	ND		1.33	2.00	M7	mg/kg dry	☼	151	75.6 - 120
Chlorobenzene	ND		1.33	1.88	M7	mg/kg dry	☼	142	75.7 - 120

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
Dibromofluoromethane	*93.8*		*71.6 - 127*
Toluene-d8	*113*		*80 - 129*
4-bromofluorobenzene	*133*		*57.7 - 149*

Lab Sample ID: 11K0127-MSD1
Matrix: Soil
Analysis Batch: 11K0127

Client Sample ID: DP-37-10.0-111611
Prep Type: Total
Prep Batch: 11K0127_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		1.33	1.68		mg/kg dry	☼	127	58.8 - 134	8.67	26.4
Benzene	ND		1.33	1.95	M7	mg/kg dry	☼	146	72 - 120	7.84	29.5
Trichloroethene	ND		1.33	1.77	M7	mg/kg dry	☼	133	71.1 - 121	9.63	29.8
Toluene	ND		1.33	2.16	M7	mg/kg dry	☼	162	75.6 - 120	7.41	27
Chlorobenzene	ND		1.33	2.07	M7	mg/kg dry	☼	155	75.7 - 120	9.23	26.6

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
Dibromofluoromethane	*94.4*		*71.6 - 127*
Toluene-d8	*111*		*80 - 129*
4-bromofluorobenzene	*123*		*57.7 - 149*

Method: EPA 8011 - EDB by EPA Method 8011

Lab Sample ID: 11K0113-BLK1 — Client Sample ID: Method Blank
Matrix: Water — Prep Type: Total
Analysis Batch: 11K0113 — Prep Batch: 11K0113_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 14:10	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/19/11 07:17	11/19/11 14:10	1.00

Lab Sample ID: 11K0113-BS1 — Client Sample ID: Lab Control Sample
Matrix: Water — Prep Type: Total
Analysis Batch: 11K0113 — Prep Batch: 11K0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.125	0.0868		ug/l		69.5	60 - 140
1,2-Dibromo-3-chloropropane	0.125	0.132		ug/l		106	60 - 140

Lab Sample ID: 11K0113-BS2 — Client Sample ID: Lab Control Sample
Matrix: Water — Prep Type: Total
Analysis Batch: 11K0113 — Prep Batch: 11K0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.125	0.0976		ug/l		78.0	60 - 140
1,2-Dibromo-3-chloropropane	0.125	0.128		ug/l		102	60 - 140

Lab Sample ID: 11K0113-BSD1 — Client Sample ID: Lab Control Sample Dup
Matrix: Water — Prep Type: Total
Analysis Batch: 11K0113 — Prep Batch: 11K0113_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	0.125	0.0928		ug/l		74.2	60 - 140	6.63	20
1,2-Dibromo-3-chloropropane	0.125	0.131		ug/l		105	60 - 140	0.930	20

Lab Sample ID: 11K0120-BLK1 — Client Sample ID: Method Blank
Matrix: Soil — Prep Type: Total
Analysis Batch: 11K0120 — Prep Batch: 11K0120_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 14:24	1.00
1,2-Dibromo-3-chloropropane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 14:24	1.00

Lab Sample ID: 11K0120-BLK2 — Client Sample ID: Method Blank
Matrix: Soil — Prep Type: Total
Analysis Batch: 11K0120 — Prep Batch: 11K0120_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 19:38	1.00
1,2-Dibromo-3-chloropropane	ND		1.00		ug/kg wet		11/21/11 08:22	11/23/11 19:38	1.00

Lab Sample ID: 11K0120-BS1 — Client Sample ID: Lab Control Sample
Matrix: Soil — Prep Type: Total
Analysis Batch: 11K0120 — Prep Batch: 11K0120_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	5.00	5.63		ug/kg wet		113	60 - 140
1,2-Dibromo-3-chloropropane	5.00	5.61		ug/kg wet		112	60 - 140

Method: EPA 8011 - EDB by EPA Method 8011 (Continued)

Lab Sample ID: 11K0120-BS2
Matrix: Soil
Analysis Batch: 11K0120

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0120_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	5.00	5.50		ug/kg wet		110	60 - 140
1,2-Dibromo-3-chloropropane	5.00	5.35		ug/kg wet		107	60 - 140

Lab Sample ID: 11K0120-BS3
Matrix: Soil
Analysis Batch: 11K0120

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0120_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	5.00	5.59		ug/kg wet		112	60 - 140
1,2-Dibromo-3-chloropropane	5.00	5.41		ug/kg wet		108	60 - 140

Lab Sample ID: 11K0120-BSD1
Matrix: Soil
Analysis Batch: 11K0120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0120_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	5.00	5.57		ug/kg wet		111	60 - 140	1.00	20
1,2-Dibromo-3-chloropropane	5.00	5.37		ug/kg wet		107	60 - 140	4.39	20

Lab Sample ID: 11K0120-BSD2
Matrix: Soil
Analysis Batch: 11K0120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0120_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	5.00	5.73		ug/kg wet		115	60 - 140	4.11	20
1,2-Dibromo-3-chloropropane	5.00	5.63		ug/kg wet		113	60 - 140	5.10	20

Lab Sample ID: 11K0139-BLK1
Matrix: Water
Analysis Batch: 11K0139

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0139_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.0100		ug/l		11/23/11 06:54	11/23/11 12:40	1.00
1,2-Dibromo-3-chloropropane	ND		0.0100		ug/l		11/23/11 06:54	11/23/11 12:40	1.00

Lab Sample ID: 11K0139-BS1
Matrix: Water
Analysis Batch: 11K0139

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0139_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.125	0.123		ug/l		98.3	60 - 140
1,2-Dibromo-3-chloropropane	0.125	0.140		ug/l		112	60 - 140

Lab Sample ID: 11K0139-BS2
Matrix: Water
Analysis Batch: 11K0139

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0139_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.125	0.123		ug/l		98.7	60 - 140
1,2-Dibromo-3-chloropropane	0.125	0.141		ug/l		113	60 - 140

Method: EPA 8011 - EDB by EPA Method 8011 (Continued)

Lab Sample ID: 11K0139-BSD1
Matrix: Water
Analysis Batch: 11K0139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0139_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	0.125	0.107		ug/l		85.5	60 - 140	13.9	20
1,2-Dibromo-3-chloropropane	0.125	0.146		ug/l		117	60 - 140	4.02	20

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 11K0123-BLK1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1232	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1242	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1248	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1254	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00
PCB-1268	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:16	1.00

Lab Sample ID: 11K0123-BLK1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:28	1.00
PCB-1260	ND		50.0		ug/kg wet		11/21/11 11:11	11/22/11 13:28	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*66.6*		*27.9 - 154*	*11/21/11 11:11*	*11/22/11 13:28*	*1.00*
Decachlorobiphenyl	*106*		*35 - 157*	*11/21/11 11:11*	*11/22/11 13:28*	*1.00*

Lab Sample ID: 11K0123-BS1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	167	127		ug/kg wet		76.2	63.1 - 147
PCB-1260	167	155		ug/kg wet		92.8	74.4 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
TCX	*52.6*		*27.9 - 154*
Decachlorobiphenyl	*96.3*		*35 - 157*

Lab Sample ID: 11K0123-BSD1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	167	133		ug/kg wet		80.0	63.1 - 147	4.88	25
PCB-1260	167	160		ug/kg wet		96.2	74.4 - 130	3.54	25

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 11K0123-BSD1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0123_P

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
TCX	*54.7*		*27.9 - 154*
Decachlorobiphenyl	*103*		*35 - 157*

Lab Sample ID: 11K0123-MS1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		516	1730	M1	ug/kg dry	☼	335	50.6 - 145
PCB-1260	ND		516	548		ug/kg dry	☼	106	57.6 - 120

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
TCX	*97.7*		*27.9 - 154*
Decachlorobiphenyl	*80.9*		*35 - 157*

Lab Sample ID: 11K0123-MSD1
Matrix: Soil
Analysis Batch: 11K0123

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11K0123_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		516	1860	M1	ug/kg dry	☼	361	50.6 - 145	7.37	40
PCB-1260	ND		516	491		ug/kg dry	☼	95.1	57.6 - 120	11.1	27.4

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
TCX	*89.3*		*27.9 - 154*
Decachlorobiphenyl	*77.5*		*35 - 157*

Lab Sample ID: 11L0019-BLK1
Matrix: Water
Analysis Batch: 11L0019

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11L0019_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1232	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1242	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1248	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1254	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00
PCB-1268	ND		0.100		ug/l		12/02/11 13:45	12/05/11 11:48	1.00

Lab Sample ID: 11L0019-BLK1
Matrix: Water
Analysis Batch: 11L0019

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11L0019_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.100		ug/l		12/02/11 13:45	12/05/11 12:00	1.00
PCB-1260	ND		0.100		ug/l		12/02/11 13:45	12/05/11 12:00	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*58.2*		*40 - 137*	*12/02/11 13:45*	*12/05/11 12:00*	*1.00*

Method: EPA 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 11L0019-BLK1
Matrix: Water
Analysis Batch: 11L0019

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11L0019_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	79.2		40 - 124	12/02/11 13:45	12/05/11 12:00	1.00

Lab Sample ID: 11L0019-BS1
Matrix: Water
Analysis Batch: 11L0019

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11L0019_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.50	1.72		ug/l		68.8	42.6 - 134
PCB-1260	2.50	1.99		ug/l		79.6	43.1 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
TCX	66.8		40 - 137
Decachlorobiphenyl	79.4		40 - 124

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Lab Sample ID: 11K0112-BLK1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		10.0		mg/kg wet		11/19/11 07:15	11/19/11 11:35	1.00
Heavy Oil Range Hydrocarbons	ND		25.0		mg/kg wet		11/19/11 07:15	11/19/11 11:35	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-FBP	95.3		50 - 150	11/19/11 07:15	11/19/11 11:35	1.00
p-Terphenyl-d14	100		50 - 150	11/19/11 07:15	11/19/11 11:35	1.00

Lab Sample ID: 11K0112-BS1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons	83.3	77.5		mg/kg wet		92.9	73 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-FBP	92.9		50 - 150
p-Terphenyl-d14	99.9		50 - 150

Lab Sample ID: 11K0112-MS1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons	ND		169	157		mg/kg dry	☼	92.9	70.1 - 139

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-FBP	92.1		50 - 150

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx (Continued)

Lab Sample ID: 11K0112-MS1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0112_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
p-Terphenyl-d14	99.2		50 - 150

Lab Sample ID: 11K0112-DUP1
Matrix: Soil
Analysis Batch: 11K0112

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11K0112_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Hydrocarbons	ND		ND		mg/kg dry	☼		40
Heavy Oil Range Hydrocarbons	ND		ND		mg/kg dry	☼		40

Surrogate	Duplicate %Recovery	Duplicate Qualifier	Limits
2-FBP	82.4		50 - 150
p-Terphenyl-d14	95.0		50 - 150

Lab Sample ID: 11K0121-BLK1
Matrix: Soil
Analysis Batch: 11K0121

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0121_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		10.0		mg/kg wet		11/21/11 09:35	11/21/11 23:43	1.00
Heavy Oil Range Hydrocarbons	ND		25.0		mg/kg wet		11/21/11 09:35	11/21/11 23:43	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-FBP	90.2		50 - 150	11/21/11 09:35	11/21/11 23:43	1.00
p-Terphenyl-d14	95.9		50 - 150	11/21/11 09:35	11/21/11 23:43	1.00

Lab Sample ID: 11K0121-BS1
Matrix: Soil
Analysis Batch: 11K0121

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0121_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons	83.3	76.7		mg/kg wet		92.1	73 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-FBP	87.8		50 - 150
p-Terphenyl-d14	96.6		50 - 150

Lab Sample ID: 11K0121-DUP1
Matrix: Soil
Analysis Batch: 11K0121

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11K0121_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Hydrocarbons	16.6		ND		mg/kg dry	☼		40
Heavy Oil Range Hydrocarbons	22.6		ND		mg/kg dry	☼		40

Surrogate	Duplicate %Recovery	Duplicate Qualifier	Limits
2-FBP	88.1		50 - 150
p-Terphenyl-d14	92.9		50 - 150

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx (Continued)

Lab Sample ID: 11K0121-DUP2 — **Client Sample ID: Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0121 — **Prep Batch: 11K0121_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Hydrocarbons	ND		9.66		mg/kg dry	☼		40
Heavy Oil Range Hydrocarbons	23.2		46.2	R2	mg/kg dry	☼	66.4	40

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
2-FBP	*95.3*		*50 - 150*
p-Terphenyl-d14	*98.8*		*50 - 150*

Lab Sample ID: 11K0122-BLK1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11K0122 — **Prep Batch: 11K0122_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		0.250		mg/l		11/21/11 09:38	11/23/11 13:09	1.00
Heavy Oil Range Hydrocarbons	ND		0.500		mg/l		11/21/11 09:38	11/23/11 13:09	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-FBP	*88.0*		*50 - 150*	*11/21/11 09:38*	*11/23/11 13:09*	*1.00*
p-Terphenyl-d14	*90.2*		*50 - 150*	*11/21/11 09:38*	*11/23/11 13:09*	*1.00*

Lab Sample ID: 11K0122-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11K0122 — **Prep Batch: 11K0122_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons	2.50	2.13		mg/l		85.2	54.5 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-FBP	*83.2*		*50 - 150*
p-Terphenyl-d14	*85.3*		*50 - 150*

Lab Sample ID: 11K0122-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11K0122 — **Prep Batch: 11K0122_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Hydrocarbons	2.50	2.65		mg/l		106	54.5 - 136	21.6	32.5

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
2-FBP	*108*		*50 - 150*
p-Terphenyl-d14	*108*		*50 - 150*

Lab Sample ID: 11K0145-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 11K0145 — **Prep Batch: 11K0145_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		10.0		mg/kg wet		11/28/11 13:33	11/29/11 11:58	1.00
Heavy Oil Range Hydrocarbons	ND		25.0		mg/kg wet		11/28/11 13:33	11/29/11 11:58	1.00

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx (Continued)

Lab Sample ID: 11K0145-BLK1
Matrix: Soil
Analysis Batch: 11K0145

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0145_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-FBP	81.5		50 - 150	11/28/11 13:33	11/29/11 11:58	1.00
p-Terphenyl-d14	97.5		50 - 150	11/28/11 13:33	11/29/11 11:58	1.00

Lab Sample ID: 11K0145-BS1
Matrix: Soil
Analysis Batch: 11K0145

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0145_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons	83.3	67.3		mg/kg wet		80.8	73 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-FBP	83.2		50 - 150
p-Terphenyl-d14	92.3		50 - 150

Lab Sample ID: 11K0145-MS1
Matrix: Soil
Analysis Batch: 11K0145

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K0145_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons	ND		96.9	81.1		mg/kg dry	☼	83.7	70.1 - 139

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-FBP	69.5		50 - 150
p-Terphenyl-d14	92.9		50 - 150

Lab Sample ID: 11K0145-DUP1
Matrix: Soil
Analysis Batch: 11K0145

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11K0145_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Hydrocarbons	ND		ND		mg/kg dry	☼		40
Heavy Oil Range Hydrocarbons	ND		12.7		mg/kg dry	☼		40

Surrogate	Duplicate %Recovery	Duplicate Qualifier	Limits
2-FBP	79.7		50 - 150
p-Terphenyl-d14	93.2		50 - 150

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 11K6225-BLK1
Matrix: Soil
Analysis Batch: U020892

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6225_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Ethylbenzene	ND		0.0500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Methyl tert-Butyl Ether	ND		0.500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Naphthalene	ND		0.250		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11K6225-BLK1
Matrix: Soil
Analysis Batch: U020892

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6225_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.0500		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
Xylenes, total	ND		0.150		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C6 to C8 Ali	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C8 to C10 Ali	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C10 to C12 Ali	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C8 to C10 Aro	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C10 to C12 Aro	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0
>C12 to C13 Aro	ND		5.00		mg/kg wet		11/26/11 00:00	11/26/11 09:55	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (FID)	*98*		*60 - 140*	*11/26/11 00:00*	*11/26/11 09:55*	*50.0*
2,5-Dibromotoluene (PID)	*102*		*60 - 140*	*11/26/11 00:00*	*11/26/11 09:55*	*50.0*

Lab Sample ID: 11K6225-BS1
Matrix: Soil
Analysis Batch: U020892

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6225_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.0953		mg/kg wet		95	70 - 130
Ethylbenzene	0.100	0.0967		mg/kg wet		97	70 - 130
Methyl tert-Butyl Ether	0.100	0.0897		mg/kg wet		90	70 - 130
Naphthalene	0.100	0.0899		mg/kg wet		90	70 - 130
Toluene	0.100	0.0957		mg/kg wet		96	70 - 130
Xylenes, total	0.300	0.293		mg/kg wet		98	70 - 130
C5 - C6 Aliphatic Hydrocarbons	0.300	0.272		mg/kg wet		91	70 - 130
>C6 to C8 Ali	0.200	0.179		mg/kg wet		89	70 - 130
>C8 to C10 Ali	0.600	0.564		mg/kg wet		94	70 - 130
>C10 to C12 Ali	0.200	0.180		mg/kg wet		90	70 - 130
>C8 to C10 Aro	0.500	0.449		mg/kg wet		90	70 - 130
>C10 to C12 Aro	0.100	0.0996		mg/kg wet		100	70 - 130
>C12 to C13 Aro	0.100	0.112		mg/kg wet		112	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,5-Dibromotoluene (FID)	*95*		*60 - 140*
2,5-Dibromotoluene (PID)	*100*		*60 - 140*

Lab Sample ID: 11K6447-BLK1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Ethylbenzene	ND		0.0500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Methyl tert-Butyl Ether	ND		0.500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Naphthalene	ND		0.250		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Toluene	ND		0.0500		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
Xylenes, total	ND		0.150		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
C5 - C6 Aliphatic Hydrocarbons	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11K6447-BLK1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C6 to C8 Ali	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C8 to C10 Ali	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C10 to C12 Ali	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C8 to C10 Aro	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C10 to C12 Aro	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0
>C12 to C13 Aro	ND		5.00		mg/kg wet		11/28/11 00:00	11/28/11 15:51	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (FID)	*86*		*60 - 140*	*11/28/11 00:00*	*11/28/11 15:51*	*50.0*
2,5-Dibromotoluene (PID)	*83*		*60 - 140*	*11/28/11 00:00*	*11/28/11 15:51*	*50.0*

Lab Sample ID: 11K6447-BS1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.0945		mg/kg wet		94	70 - 130
Ethylbenzene	0.100	0.0931		mg/kg wet		93	70 - 130
Methyl tert-Butyl Ether	0.100	0.0931		mg/kg wet		93	70 - 130
Naphthalene	0.100	0.0813		mg/kg wet		81	70 - 130
Toluene	0.100	0.0937		mg/kg wet		94	70 - 130
Xylenes, total	0.300	0.284		mg/kg wet		95	70 - 130
C5 - C6 Aliphatic Hydrocarbons	0.300	0.209		mg/kg wet		70	70 - 130
>C6 to C8 Ali	0.200	0.166		mg/kg wet		83	70 - 130
>C8 to C10 Ali	0.600	0.534		mg/kg wet		89	70 - 130
>C10 to C12 Ali	0.200	0.170		mg/kg wet		85	70 - 130
>C8 to C10 Aro	0.500	0.431		mg/kg wet		86	70 - 130
>C10 to C12 Aro	0.100	0.0862		mg/kg wet		86	70 - 130
>C12 to C13 Aro	0.100	0.0802		mg/kg wet		80	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,5-Dibromotoluene (FID)	*95*		*60 - 140*
2,5-Dibromotoluene (PID)	*95*		*60 - 140*

Lab Sample ID: 11K6447-MS1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		125	123		mg/kg wet		98	70 - 130
Ethylbenzene	10.6		125	135		mg/kg wet		100	70 - 130
Methyl tert-Butyl Ether	ND		125	114		mg/kg wet		91	70 - 130
Naphthalene	46.1		125	146		mg/kg wet		80	70 - 130
Toluene	3.92		125	127		mg/kg wet		98	70 - 130
Xylenes, total	43.7		375	422		mg/kg wet		101	70 - 130
C5 - C6 Aliphatic Hydrocarbons	ND		375	336		mg/kg wet		90	70 - 130
>C6 to C8 Ali	ND		250	252		mg/kg wet		101	70 - 130
>C8 to C10 Ali	202		750	905		mg/kg wet		94	70 - 130
>C10 to C12 Ali	699		250	830	M8	mg/kg wet		52	70 - 130

Method: NWTPH VPH - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11K6447-MS1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
>C8 to C10 Aro	294		625	844		mg/kg wet		88	70 - 130
>C10 to C12 Aro	775		125	808	M8	mg/kg wet		27	70 - 130
>C12 to C13 Aro	350		125	358	M8	mg/kg wet		6	70 - 130

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
2,5-Dibromotoluene (FID)	*99*		*60 - 140*
2,5-Dibromotoluene (PID)	*105*		*60 - 140*

Lab Sample ID: 11K6447-MSD1
Matrix: Soil
Analysis Batch: U020985

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11K6447_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		125	126		mg/kg wet		101	70 - 130	3	25
Ethylbenzene	10.6		125	138		mg/kg wet		102	70 - 130	2	25
Methyl tert-Butyl Ether	ND		125	116		mg/kg wet		92	70 - 130	1	25
Naphthalene	46.1		125	169		mg/kg wet		98	70 - 130	14	25
Toluene	3.92		125	130		mg/kg wet		101	70 - 130	2	25
Xylenes, total	43.7		375	431		mg/kg wet		103	70 - 130	2	25
C5 - C6 Aliphatic Hydrocarbons	ND		375	380		mg/kg wet		101	70 - 130	12	25
>C6 to C8 Ali	ND		250	254		mg/kg wet		102	70 - 130	1	25
>C8 to C10 Ali	202		750	930		mg/kg wet		97	70 - 130	3	25
>C10 to C12 Ali	699		250	841	M8	mg/kg wet		57	70 - 130	1	25
>C8 to C10 Aro	294		625	857		mg/kg wet		90	70 - 130	2	25
>C10 to C12 Aro	775		125	823	M8	mg/kg wet		39	70 - 130	2	25
>C12 to C13 Aro	350		125	633	M7	mg/kg wet		226	70 - 130	56	25

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
2,5-Dibromotoluene (FID)	*121*		*60 - 140*
2,5-Dibromotoluene (PID)	*112*		*60 - 140*

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx

Lab Sample ID: 11K0114-BLK1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5.00		mg/kg wet		11/20/11 07:08	11/20/11 09:24	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*102*		*50 - 150*	*11/20/11 07:08*	*11/20/11 09:24*	*1.00*

Lab Sample ID: 11K0114-BS1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	25.0	22.7		mg/kg wet		90.9	74.4 - 124

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx (Continued)

Lab Sample ID: 11K0114-BS1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0114_P

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-BFB (FID)	*124*		*50 - 150*

Lab Sample ID: 11K0114-BSD1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Hydrocarbons	25.0	22.7		mg/kg wet		90.9	74.4 - 124	0.00449	20

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
4-BFB (FID)	*133*		*50 - 150*

Lab Sample ID: 11K0114-DUP1
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Gasoline Range Hydrocarbons	4.62		2.71	R4	mg/kg dry	☼	52.2	32.3

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
4-BFB (FID)	*113*		*50 - 150*

Lab Sample ID: 11K0114-DUP2
Matrix: Soil
Analysis Batch: 11K0114

Client Sample ID: DP-34-6.0-111611
Prep Type: Total
Prep Batch: 11K0114_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Gasoline Range Hydrocarbons	0.813		0.367	R4	mg/kg dry	☼	75.6	32.3

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
4-BFB (FID)	*96.7*		*50 - 150*

Lab Sample ID: 11K0115-BLK1
Matrix: Soil
Analysis Batch: 11K0115

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0115_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5.00		mg/kg wet		11/20/11 07:10	11/20/11 23:16	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*101*		*50 - 150*	*11/20/11 07:10*	*11/20/11 23:16*	*1.00*

Lab Sample ID: 11K0115-BS1
Matrix: Soil
Analysis Batch: 11K0115

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0115_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	25.0	20.9		mg/kg wet		83.5	74.4 - 124

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx (Continued)

Lab Sample ID: 11K0115-BS1
Matrix: Soil
Analysis Batch: 11K0115

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0115_P

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-BFB (FID)	*113*		*50 - 150*

Lab Sample ID: 11K0115-BSD1
Matrix: Soil
Analysis Batch: 11K0115

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0115_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Hydrocarbons	25.0	20.9		mg/kg wet		83.6	74.4 - 124	0.124	20

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
4-BFB (FID)	*117*		*50 - 150*

Lab Sample ID: 11K0115-DUP1
Matrix: Soil
Analysis Batch: 11K0115

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11K0115_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Gasoline Range Hydrocarbons	ND		ND		mg/kg dry	☼		32.3

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
4-BFB (FID)	*96.4*		*50 - 150*

Lab Sample ID: 11K0119-BLK1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		100		ug/l		11/21/11 08:18	11/21/11 11:15	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*97.7*		*37.9 - 162*	*11/21/11 08:18*	*11/21/11 11:15*	*1.00*

Lab Sample ID: 11K0119-BS1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	1000	910		ug/l		91.0	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-BFB (FID)	*121*		*37.9 - 162*

Lab Sample ID: 11K0119-MS1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: DP-37-111611
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	ND		1000	882		ug/l		88.2	55.6 - 126

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx (Continued)

Lab Sample ID: 11K0119-MS1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: DP-37-111611
Prep Type: Total
Prep Batch: 11K0119_P

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
4-BFB (FID)	*123*		*37.9 - 162*

Lab Sample ID: 11K0119-DUP1
Matrix: Water
Analysis Batch: 11K0119

Client Sample ID: DP-37-111611
Prep Type: Total
Prep Batch: 11K0119_P

Analyte	Sample Result	Sample Qualifier		Duplicate Result	Duplicate Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Hydrocarbons	ND			ND		ug/l					35

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
4-BFB (FID)	*100*		*37.9 - 162*

Lab Sample ID: 11K0130-BLK1
Matrix: Soil
Analysis Batch: 11K0130

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0130_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5.00		mg/kg wet		11/22/11 08:26	11/22/11 10:13	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-BFB (FID)	*102*		*50 - 150*	*11/22/11 08:26*	*11/22/11 10:13*	*1.00*

Lab Sample ID: 11K0130-BS1
Matrix: Soil
Analysis Batch: 11K0130

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0130_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Hydrocarbons			25.0	22.5		mg/kg wet		90.0	74.4 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-BFB (FID)	*124*		*50 - 150*

Lab Sample ID: 11K0130-BSD1
Matrix: Soil
Analysis Batch: 11K0130

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11K0130_P

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Hydrocarbons			25.0	21.8		mg/kg wet		87.0	74.4 - 124	3.38	20

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
4-BFB (FID)	*121*		*50 - 150*

Lab Sample ID: 11K0130-DUP1
Matrix: Soil
Analysis Batch: 11K0130

Client Sample ID: DP-36-8.0-111611
Prep Type: Total
Prep Batch: 11K0130_P

Analyte	Sample Result	Sample Qualifier		Duplicate Result	Duplicate Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Hydrocarbons	1.04			0.626	R4	mg/kg dry	☼			49.6	32.3

Method: NWTPH-Gx - Gasoline Hydrocarbons by NWTPH-Gx (Continued)

Lab Sample ID: 11K0130-DUP1
Matrix: Soil
Analysis Batch: 11K0130

Client Sample ID: DP-36-8.0-111611
Prep Type: Total
Prep Batch: 11K0130_P

Surrogate	*Duplicate %Recovery*	*Duplicate Qualifier*	*Limits*
4-BFB (FID)	*98.0*		*50 - 150*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons

Lab Sample ID: 11K6185-BLK1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C8-C10 Aliphatics	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C10 to C12 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C12 to C16 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C16 to C21 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00
>C21 to C34 Ali	ND		5.00		mg/kg wet		11/26/11 06:55	11/29/11 15:42	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane	*82*		*60 - 140*	*11/26/11 06:55*	*11/29/11 15:42*	*1.00*

Lab Sample ID: 11K6185-BLK1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10 to C12 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00
>C12 to C16 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00
>C16 to C21 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00
>C21 to C34 Aro	ND		5.00		mg/kg wet		11/26/11 06:55	11/30/11 15:26	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*104*		*60 - 140*	*11/26/11 06:55*	*11/30/11 15:26*	*1.00*
2-Fluorobiphenyl	*125*		*60 - 140*	*11/26/11 06:55*	*11/30/11 15:26*	*1.00*
2-Bromonaphthalene	*141*	*Z2*	*60 - 140*	*11/26/11 06:55*	*11/30/11 15:26*	*1.00*

Lab Sample ID: 11K6185-BS1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C8-C10 Aliphatics	10.0	6.71		mg/kg wet		67	50 - 150
>C10 to C12 Ali	5.00	3.91		mg/kg wet		78	70 - 130
>C12 to C16 Ali	10.0	8.66		mg/kg wet		87	70 - 130
>C16 to C21 Ali	15.0	14.2		mg/kg wet		95	70 - 130
>C21 to C34 Ali	25.0	23.5		mg/kg wet		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctadecane	*77*		*60 - 140*

Method: NWTPH EPH - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 11K6185-BS1
Matrix: Soil
Analysis Batch: U021053

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K6185_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
>C10 to C12 Aro	5.00	4.77		mg/kg wet		95	70 - 130
>C12 to C16 Aro	15.0	15.3		mg/kg wet		102	70 - 130
>C16 to C21 Aro	25.0	25.8		mg/kg wet		103	70 - 130
>C21 to C34 Aro	40.0	46.0		mg/kg wet		115	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*88*		*60 - 140*
2-Fluorobiphenyl	*117*		*60 - 140*
2-Bromonaphthalene	*129*		*60 - 140*

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods

Lab Sample ID: 11L0027-BLK1
Matrix: Soil
Analysis Batch: 11L0027

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11L0027_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.50		mg/kg wet		12/05/11 15:07	12/06/11 12:25	1.00

Lab Sample ID: 11L0027-BS1
Matrix: Soil
Analysis Batch: 11L0027

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11L0027_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	49.5		mg/kg wet		99.0	80 - 120

Lab Sample ID: 11L0027-MS1
Matrix: Soil
Analysis Batch: 11L0027

Client Sample ID: DP-30-4.0-111611
Prep Type: Total
Prep Batch: 11L0027_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	3.93		65.4	59.8		mg/kg dry	☼	85.4	75 - 125

Lab Sample ID: 11L0027-MSD1
Matrix: Soil
Analysis Batch: 11L0027

Client Sample ID: DP-30-4.0-111611
Prep Type: Total
Prep Batch: 11L0027_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	3.93		65.4	58.5		mg/kg dry	☼	83.4	75 - 125	2.21	20

Lab Sample ID: 11L0027-DUP1
Matrix: Soil
Analysis Batch: 11L0027

Client Sample ID: DP-30-4.0-111611
Prep Type: Total
Prep Batch: 11L0027_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Lead	3.93		3.84		mg/kg dry	☼	2.29	20

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods (Continued)

Lab Sample ID: 11L0028-BLK1 — Client Sample ID: Method Blank
Matrix: Soil — Prep Type: Total
Analysis Batch: 11L0028 — Prep Batch: 11L0028_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.50		mg/kg wet		12/05/11 15:15	12/06/11 14:04	1.00

Lab Sample ID: 11L0028-BS1 — Client Sample ID: Lab Control Sample
Matrix: Soil — Prep Type: Total
Analysis Batch: 11L0028 — Prep Batch: 11L0028_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	49.1		mg/kg wet		98.1	80 - 120

Lab Sample ID: 11L0028-MS1 — Client Sample ID: Matrix Spike
Matrix: Soil — Prep Type: Total
Analysis Batch: 11L0028 — Prep Batch: 11L0028_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	3.03		58.1	53.4		mg/kg dry	☼	86.6	75 - 125

Lab Sample ID: 11L0028-MSD1 — Client Sample ID: Matrix Spike Duplicate
Matrix: Soil — Prep Type: Total
Analysis Batch: 11L0028 — Prep Batch: 11L0028_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	3.03		58.1	53.5		mg/kg dry	☼	86.9	75 - 125	0.361	20

Lab Sample ID: 11L0028-DUP1 — Client Sample ID: Duplicate
Matrix: Soil — Prep Type: Total
Analysis Batch: 11L0028 — Prep Batch: 11L0028_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Lead	3.03		2.79		mg/kg dry	☼	8.35	20

Lab Sample ID: 11L0030-BLK1 — Client Sample ID: Method Blank
Matrix: Water — Prep Type: Total
Analysis Batch: 11L0030 — Prep Batch: 11L0030_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0972	B	0.0300		mg/l		12/05/11 17:45	12/06/11 08:27	1.00

Lab Sample ID: 11L0030-BS1 — Client Sample ID: Lab Control Sample
Matrix: Water — Prep Type: Total
Analysis Batch: 11L0030 — Prep Batch: 11L0030_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	49.3		mg/l		98.6	80 - 120

Lab Sample ID: 11L0030-MS1 — Client Sample ID: DP-33-111611
Matrix: Water — Prep Type: Total
Analysis Batch: 11L0030 — Prep Batch: 11L0030_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.82	B1	50.0	50.0		mg/l		96.3	75 - 125

Method: EPA 6010C - Total Metals by EPA 6010/7000 Series Methods (Continued)

Lab Sample ID: 11L0030-MSD1 — **Client Sample ID: DP-33-111611**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11L0030 — **Prep Batch: 11L0030_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.82	B1	50.0	51.0		mg/l		98.3	75 - 125	2.01	20

Lab Sample ID: 11L0030-DUP1 — **Client Sample ID: DP-33-111611**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11L0030 — **Prep Batch: 11L0030_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Lead	1.82	B1	2.01		mg/l		9.90	20

Certification Summary

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Spokane	Alaska	Alaska UST	10	UST-071
TestAmerica Spokane	Washington	State Program	10	C569
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	A2LA	WY UST		453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska	Alaska UST	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canada (CALA)	Canada (CALA)		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	Kentucky UST	4	19
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA100011
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana	MT DEQ UST	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina	North Carolina DENR	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio	OVAP	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	USDA		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC Secondary AB	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia	West Virginia DEP	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Geo Engineers - Spokane
Project/Site: 0504-060-02

TestAmerica Job ID: SUK0109

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
EPA 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL SPK
EPA 8260B	Volatile Organic Compounds by EPA Methods 5035/8260B		TAL SPK
EPA 8011	EDB by EPA Method 8011		TAL SPK
EPA 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL SPK
NWTPH-Dx	Semivolatile Petroleum Products by NWTPH-Dx		TAL SPK
NWTPH VPH	Purgeable Petroleum Hydrocarbons		TAL NSH
NWTPH-Gx	Gasoline Hydrocarbons by NWTPH-Gx		TAL SPK
NWTPH EPH	Extractable Petroleum Hydrocarbons		TAL NSH
EPA 6010C	Total Metals by EPA 6010/7000 Series Methods		TAL SPK
TA SOP	Conventional Chemistry Parameters by APHA/EPA Methods		TAL SPK

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (800) 765-0980

TAL SPK = TestAmerica Spokane, 11922 East 1st. Avenue, Spokane, WA 99206, TEL (509)924-9200

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290 [X]
9405 SW Nimbus Ave,Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/30/2011

CHAIN OF CUSTODY REPORT

Work Order #: SUK0109

CLIENT: GeoEngineers, Inc.
REPORT TO: Dave Lauder
ADDRESS: 523 E 2nd Ave., Spokane, WA 99202
PHONE: 509-363-3125 FAX:

INVOICE TO: ← Same as report
P.O. NUMBER: 0504-060-02

PROJECT NAME: Roby's Station - Buena
PROJECT NUMBER: 0504-060-02
SAMPLED BY: Robert N. Miyahira

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: [X] STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: [X] STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: GRPH NWTPH-Gx	DRPH+ ORPH NWTPH-Dx	VOCs EPA 8260	SVOCs 8270	Total Lead (200.8 or 6010)	PCBs 8082	EDB 8011	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	DP-29-2.5-111611	11/16/11 0805		X	X	X		X		X	S	5		
2	DP-29-8.0-111611	0810		X	X	X		X		X	S	5		
3	DP-29-111611	0840									W	8	hold	
4	DP-30-4.0-111611	0855		X	X	X		X		X	S	5		
5	DP-30-10.0-111611	0905									S	5	hold	
6	DP-31-7.0-111611	0915		X	X	X		X			S	5		
7	DP-31-10.0-111611	0920		X	X	X		X			S	5		
8	DP-32-4.0-111611	0950		X	X	X		X	X	X	S	5		
9	DP-32-111611	1030									W	8	hold	
10	DP-33-7.0-111611	1040									S	5	hold	

RELEASED BY: Robert Miyahira — PRINT NAME: Robert Miyahira — FIRM: GeoEngineers, Inc. — DATE: 11-16-11 — TIME: 1620
RECEIVED BY: Brant Ramsdell — PRINT NAME: Brant Ramsdell — FIRM: GEI — DATE: 11-18-11 — TIME: 1700
RELEASED BY: [signature] — PRINT NAME: [signature] — FIRM: GEI — DATE: 11-18-11 — TIME: 1530
RECEIVED BY: [signature] — PRINT NAME: Chris Williams — FIRM: TA — DATE: 11/18/11 — TIME: 1530

ADDITIONAL REMARKS:

TEMP: 0°C

PAGE 1 OF 2

TAL-1000(0408)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave,Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/30/2011

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: GeoEngineers, Inc.

INVOICE TO: ← Same as report

REPORT TO: Dave Lauder

ADDRESS: 523 E 2nd Ave., Spokane, WA 99202

PHONE: 509-363-3125 FAX:

P.O. NUMBER: 0504-060-02

PROJECT NAME: Roby's Station - Buena

PROJECT NUMBER: 0504-060-02

SAMPLED BY: Robert N. Miyahira

TURNAROUND REQUEST In Business Days *

Organic & Inorganic Analyses: [X] STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: [X] STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES: GRPH+ NWTPH-Gx	DRPH+ ORTH NWTPH-Dx	VOCs EPA 8260	Total Lead (low)	PCBs 8082	EDB 8011	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	DP-33-111611	11/16/11 1115	X	X	X	X		X	W	8	hold	
2	DP-34-6.0-111611	1125	X	X	X		X	X	S	5		
3	DP-34-111611	1210	X	X	X	X	X	X	W	7		
4	DP-35-4.0-111611	1225	X	X	X	X		X	S	5		
5	DP-36-4.0-111611	1255							S	5	hold	
6	DP-36-8.0-111611	1300							S	5	hold	
7	DP-37-4.0-111611	1315	X	X	X	X		X	S	5		
8	DP-37-10.0-111611	1325	X	X	X	X		X	S	5		
9	DP-37-111611	1420	X	X	X	X	X	X	W	7		
10												

RELEASED BY:	PRINT NAME: Robert Miyahira	FIRM: GeoEngineers, Inc.	DATE: 11-16-11 TIME: 1620	RECEIVED BY: PRINT NAME:	FIRM: GEE	DATE: 11-18-11 TIME: 1400
RELEASED BY:	PRINT NAME:	FIRM: GEE	DATE: 11-18-11 TIME: 1530	RECEIVED BY: PRINT NAME: Chris Williams	FIRM: TA	DATE: 11/18/14 TIME: 1530

ADDITIONAL REMARKS:

TEMP: 0°C

PAGE 2 OF 2

TAL-1000(0408)

TestAmerica Spokane
Sample Receipt Form

Work Order #: SWY0109	Client: Ges Engineers	Project: Ruby's Station - Buena
Date/Time Received: 15:30 11/8/11	By: CW	
Samples Delivered By: ☐Shipping Service ☐Courier ☒Client ☐Other:		
List Air Bill Number(s) or Attach a photocopy of the Air Bill:		

Receipt Phase	Yes	No	NA	Comments
Were samples received in a cooler:	X			
Custody Seals are present and intact:	X			
Are CoC documents present:	X			
Necessary signatures:	X			

Thermal Preservation Type: ☐Blue Ice ☐Gel Ice ☒Real Ice ☐Dry Ice ☐None ☐Other:

Temperature by IR Gun: 0 °C °C Thermometer Serial #81500 (acceptance criteria 0-6 °C)

Temperature out of range: ☐Not enough ice ☐Ice melted ☐w/in 4hrs of collection ☐NA ☐Other:

Log-In Phase Date/Time: 11/8/11 16:07 By:	Yes	No	NA	Comments
Are sample labels affixed and completed for each container	X			
Samples containers were received intact:	X			
Do sample IDs match the CoC	X			
Appropriate sample containers were received for tests requested		X		Did not receive unpreserved vocas for EDB or HNO3 for Pb
Are sample volumes adequate for tests requested	X			
Appropriate preservatives were used for the tests requested		X		No HNO3 preserved containers
pH of inorganic samples checked and is within method specification			X	
Are VOC samples free of bubbles >6mm (1/4" diameter)	X			
Are dissolved parameters field filtered			X	
Do any samples need to be filtered or preserved by the lab	X			preserved for Lead
Does this project require quick turnaround analysis		X		
Are there any short hold time tests (see chart below)		X		
Are any samples within 2 days of or past expiration	X			EDB
Was the CoC scanned	X			
Were there Non-conformance issues at login	X			
If yes, was a CAR generated #	X			

24 hours or less	48 hours	7 days
Coliform Bacteria	BOD, Color, MBAS	TDS, TSS, VDS, FDS
Chromium +6	Nitrate/Nitrite	Sulfide
	Orthophosphate	Aqueous Organic Prep