

Site Characterization Report

Ione Petroleum Contamination Site
Ione, Washington

for

**Washington State Department of Ecology and
Science Applications International Corporation**

October 14, 2010



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File No. 0504-058-00

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1.0 INTRODUCTION

This report presents results of site characterization activities conducted between April 26, 2010 and August 27, 2010 at four contiguous properties located near Ione, Washington. The approximate location of the site is presented in the Vicinity Map, Figure 1. The four properties collectively referred to as the “site”, include: 1) the Ione Airport 2) the Airport Kwik Stop 3) the Cabin Grill property and 4) the Vacant property north of the Cabin Grill. These properties are located at the intersection of State Route 31 and Greenhouse/Dewitt Roads with the airport, Kwik Stop, Cabin Grill and vacant properties located in the southwest, northwest, southeast, and northeast corners, respectively, of the intersection. The site and areas of interest are shown in the Site Plan, Figure 2.

The activities described in this report were conducted to characterize the nature and extent of petroleum contamination of soil and groundwater at the site, and provide information regarding the characteristics of the unconfined aquifer underlying the site. These activities were prompted by the detection of petroleum hydrocarbons, particularly gasoline-range petroleum hydrocarbons (GRPH) and BTEX compounds in groundwater samples collected from a domestic water well servicing the Cabin Grill. Additionally, underground storage tanks were previously located on the Ione Airport property and the Airport Kwik Stop property. A known release of gasoline from the fuel dispensers at the Airport Kwik Stop was documented in 2008. Additional information is presented in the following sections of this report.

This report describes the field investigation and chemical analytical results from soil and groundwater sampling. Logs of borings and monitoring wells are presented in Appendix A. Detailed description of field procedures are presented in Appendix B. Analytical reports are presented in Appendix C. Survey data is presented in Appendix D.

2.0 BACKGROUND

2.1. Property Description

2.1.1. Ione Airport

The Ione Airport is located southwest of the intersection of State Route 31 and Greenhouse Road. The site is bounded on the north by Greenhouse Road, on the east by State Route 31, on the west by sparsely populated residential and undeveloped property. The airport extends approximately 4,000 feet to the south. The subject area of the airport is located generally north of the runway in the area of two former underground storage tanks (USTs) which were removed in 2008. The ground surface near the former tank locations generally is level. Additional site improvements at the airport include a paved runway and several pre-fabricated metal airplane hangars.

2.1.2. Airport Kwik Stop

The Airport Kwik Stop is a convenience store and retail fuel sales operation located northwest of the intersection of State Route 31 and Greenhouse Road. The site is bounded on the east by State Route 31, on the south by Greenhouse Road, and on the west and north by residential, commercial and undeveloped property. The ground surface is relatively level. The Kwik Stop building is located

near the southeast portion of the property, fronting State Route 31 and Greenhouse Road. The fuel dispensers are located about 50 to 75 feet northwest of the intersection. Three former USTs were located on the north side of the building (about 100 to 120 feet from the intersection). Two tanks were removed in 1994. According to Ecology records, the third tank likely was closed in place. Currently, aboveground storage tanks (ASTs) are located behind (west) of the building, about 200 feet from the intersection.

2.1.3. Cabin Grill

The Cabin Grill property is located southeast of the intersection of State Route 31 and Dewitt Road. The site is bounded on the north by Dewitt Road, on the west by State Route 31, and on the east and south by residential and undeveloped property. The site generally is level, with a slight topographic high point near the Cabin Grill Building. Most of the ground surface is covered with field grass and stands of pine trees. A gravel parking area surrounds the Cabin Grill building. A domestic water well is located near the south side of the building, approximately 200 feet from the southeast corner of the intersection. The Pend Oreille River is located approximately $\frac{1}{4}$ mile east of the Cabin Grill site. The Cabin Grill is an operating restaurant and the existing water well is utilized for restaurant operations.

2.1.4. Vacant Property

The vacant property is located northeast of the intersection of State Route 31 and Dewitt Road. The property is bounded on the south by Dewitt Road and on the west by State Route 31. The vacant property is generally level and extends about 850 feet north of Dewitt Road and 530 feet east of State Route 31. The property is undeveloped and most of the ground surface is covered with field grass. A hand dug well is located about 100 feet north of Dewitt Road and 60 feet east of State Route 31. The hand-dug well is about 8 feet in diameter and constructed of concrete. An approximate 3-foot-diameter concrete hatch provides access to the well. At the time of field activities concrete blocks had been stacked on top of the access hatch and wire fences had been erected around the well.

2.2. Historical Operations and Existing Data

2.2.1. Ione Airport

Based on information provided by Ecology, two USTs were installed at the Airport in about 1974/1975. Initially, the tanks stored aviation gasoline (Avgas). During the mid- to late-1980s, airplanes utilizing the airport were retrofitted to use unleaded gasoline. The tanks were removed and disposed in 2008. Soil contamination was discovered during removal of the westernmost tank which showed signs of structural failure. Analytical results from samples collected from the tank excavations were provided by Ecology and are presented in Table 1:

TABLE 1. ANALYTICAL RESULTS OF IONE AIRPORT TANK REMOVAL

| Sample ID | Gasoline (ppm) | Benzene (ppm) | Toluene (ppm) | Ethylbenzene (ppm) | Xylenes (ppm) | MTBE (ppm) |
|--------------------------------------|-------------------------------|---------------|---------------|--------------------|---------------|------------|
| 1A-SAG-7 bottom | 13,300 | 216 | 1,340 | 283 | 1,790 | 10.1 |
| 1A-SAG-8 west side wall | 29.9 | 0.349 | 1.12 | 0.208 | 2.75 | ND |
| 1A-SAG-9 east side wall | 2,010 | 12.4 | 73.9 | 18.4 | 197 | 0.808 |
| MTCA Method A Cleanup Level for soil | 100; 30 if benzene is present | 0.03 | 7 | 6 | 9 | 0.1 |

Notes:

- MTBE = methyl tert-butyl ether
- MTCA = Model Toxics Control Act
- ND = not detected
- ppm – parts per million

Contaminated soil adjacent to the tank excavations was not removed. The excavations were backfilled with clean imported fill material and the site was restored to grade.

2.2.2. Airport Kwik Stop

The Airport Kwik Stop formerly was known as Crandall's Airport Grocery and Bob & Cindy's Airport Grocery. The site was registered with Ecology in 1987 with three USTs. The Airport Kwik Stop historically sold regular and premium gasoline and diesel. As indicated previously, two tanks were removed in 1994 and a third tank reportedly was closed in place. ASTs located west of the building were subsequently utilized for fuel storage. In May 2008, a flex pipe beneath the premium gasoline dispenser was observed to be spraying gasoline inside the dispenser. The flex pipe was repaired and subsequently, with the attached supply line, passed a tightness test before returning to operation. The site has not been in operation since approximately fall 2008. Analytical data from the 1994 tank removal was not available.

2.2.3. Cabin Grill

The Cabin Grill property was developed in 1985 as a realty office. Subsequent site uses included a cabinet maker, a pottery business, Pend Oreille North Realty and, currently, the Cabin Grill restaurant. Records indicate the domestic water well at the Cabin Grill property was installed in 1986. Petroleum compounds have been detected in groundwater samples collected from the domestic well on at least two separate occasions. Ecology conducted an initial investigation in 1993 following notification by Pend Oreille North Realty of a strong petroleum odor emanating from the drinking water tap. A water sample was collected and sent to North Creek Analytical in Spokane, Washington for analysis of gasoline-range petroleum hydrocarbons (GRPH) and volatile organic compounds (VOCs). Ecology was notified in April 2008 by the Cabin Grill owners of a strong petroleum odor emanating from the drinking water tap. A water sample was collected and sent to TestAmerica (formerly North Creek Analytical) in Spokane, Washington for analysis of VOCs. The results from the analytical samples are presented below in Table 2:

TABLE 2. ANALYTICAL RESULTS OF CABIN GRILL WELL WATER

| Sample Date | Matrix | Sample ID | Gasoline-Range TPH (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|--|--------|-----------|--------------------------|---------------|---------------|--------------------|---------------|
| 1993 | Water | NA | 1,100 | 460 | 140 | 16 | 190 |
| 2008 | Water | NA | NT | 2,200 | 6,200 | 370 | 1,900 |
| MTCA Method A Cleanup Groundwater Levels | | | 800 ¹ | 5 | 1,000 | 700 | 1,000 |

Notes:

¹Cleanup level for groundwater where benzene is present.

ppb = parts per billion

MTCA = Model Toxics Control Act

NA = not available

NT = not tested

In May 2008, the Department of Health issued a Health Advisory for the Cabin Grill. Following the Health Advisory, Cabin Grill began using bottled water. The Cabin Grill burned down in July 2008, and was subsequently rebuilt and reopened in March 2009. A carbon filtration system was installed during the reconstruction of the restaurant. The filtration system consists of two carbon canisters and associated plumbing, located within a shed situated between the well and Cabin Grill Restaurant.

2.3. Site Contaminants of Potential Concern (COPCs)

COPCs for site soil and groundwater include contaminants previously detected at levels exceeding Model Toxics Control Act (MTCA) Method A cleanup levels and contaminants associated with historic storage and distribution of petroleum products. COPCs for the site include the following constituents:

- GRPH and diesel-range petroleum hydrocarbons (DRPH);
- VOCs including benzene, toluene, ethylbenzene, and xylenes (BTEX), ethylene dibromide (EDB), 1,2 dichloroethane (EDC) and methyl tert-butyl ether (MTBE); and
- Lead.

3.0 SCOPE OF SERVICES

The purpose of the Site Characterization was to delineate the nature and extent of soil and groundwater contamination beneath the site.

3.1. Phase I: Direct-Push Explorations

Soil and groundwater conditions at the site were evaluated using direct-push drilling techniques at locations agreed upon by Ecology. The information obtained during the direct-push soil and groundwater assessment was used to identify locations for permanent groundwater monitoring wells. Specific tasks conducted during the direct-push soil and groundwater assessment are listed below:

- Coordinated utility locating services in advance of drilling activities.
- Conducted subsurface explorations using direct-push drilling techniques. Twenty-six direct-push explorations (DP-1, DP-2, DP-2A, DP-3, DP-4, DP-4A, DP-5 through DP-19, and DP-21 through DP-25) were advanced to depths ranging between 5 and 50 feet below ground surface (bgs).
- Collected soil samples continuously from each direct-push exploration.
- Field-screened soil samples using water sheen and headspace vapor measurements to assess possible presence of petroleum-related contaminants and documented petroleum odors emanating from direct-push samples.
- Submitted soil samples to Anatek Labs Inc. (Anatek) in Spokane, Washington for analysis of total petroleum hydrocarbons (TPH) identification using Northwest Method NWTPH-HCID and total lead using United States Environmental Protection Agency (EPA) Method 6020A. Results of field-screening and NWTPH-HCID analyses were utilized to determine additional analytical testing, including GRPH and DRPH by Northwest Methods NWTPH-Gx and NWTPH-Dx and VOCs using EPA Method 8260. NWTPH-Gx and VOC analyses were performed for samples with detections of GRPH.
- Provided Ecology with preliminary results of Phase I activities.

3.2. Phase II: Monitoring Well Installation and Sampling

Groundwater monitoring wells were installed and exploratory borings were drilled during the second phase of the field investigation. The monitoring wells were installed at locations identified during the direct-push investigation at locations agreed upon by Ecology and were intended to both delineate the boundaries of the petroleum hydrocarbon plume in groundwater and identify contaminants of concern and concentrations in groundwater within the plume. Specific tasks conducted during the monitoring well installation phase of work are listed below:

- Drilled and abandoned three exploratory borings (B-1, B-3, and B-4) and drilled, installed, and developed eight monitoring wells (MW-1 through MW-8) based on the results of Phase 1 field work. The borings were drilled using a hollow-stem auger drill rig to depths ranging from 33 to 53 feet bgs.
- Submitted soil samples with field-screening results indicating the presence of petroleum contamination to Anatek for analysis of GRPH, and/or DRPH using Northwest Methods NWTPH-Gx and NWTPH-Dx, VOCs including BTEX, EDB, EDC, MTBE and naphthalene using EPA Method 8260. The analytical methods and samples selected for analysis were based on the results of previous analytical testing from Phase 1 field work and were coordinated with Ecology.
- Collected groundwater samples from each groundwater monitoring well and the Cabin Grill well. Submitted samples to Anatek for analysis of GRPH and DRPH using Northwest Methods NWTPH-Gx and NWTPH-Dx, and VOCs using EPA Method 8260B, EDB using EPA Method 8011 and total and dissolved lead using EPA Method 200.8. Monitoring wells were purged and sampled using low-flow sampling procedures. Water quality parameters (temperature, pH, dissolved oxygen, conductivity and turbidity) were measured during purging and sampling.

- Subcontracted a licensed surveyor to record elevations and locations of monitoring wells, direct-push explorations and other pertinent site features including the Cabin Grill Well, Airport Kwik Stop building, pumps and storage tanks, and Ione Airport buildings.

4.0 FIELD ACTIVITIES

4.1. Direct-Push Explorations

Pacific Soil and Water (PSW) and GeoEngineers' mobilized to the site between April 26 through April 30, 2010 to advance 26 direct-push borings at the Ione Airport, the Airport Kwik Stop, and the Cabin Grill property. No direct-push explorations were advanced on the vacant property north of the Cabin Grill. PSW used an AMS 9500 VTR direct-push drill rig to advance the soil borings and continuous soil samples were collected using 5-foot acrylic slip-sleeve samplers. Direct-push boring locations are shown in Figure 3, Exploration Locations.

4.1.1. Ione Airport

Borings DP-1 through DP-8 were advanced to depths ranging from about 5 to 35 feet bgs at the Ione Airport near the former USTs. Borings DP-9 and DP-10 were advanced east of the former USTs. Groundwater was observed at about 31 to 35½ feet bgs in borings DP-1, DP-5, DP-7 and DP-9. No sheens were observed. Headspace vapors, measured with a photoionization detector (PID), were either not detected or detected at concentrations less than 20 ppm.

4.1.2. Airport Kwik Stop

Borings DP-11 through DP-19 were advanced to depths ranging from about 5 to 45 feet bgs at the Airport Kwik Stop property. DP-11 and DP-12 were advanced near the location of the ASTs and borings DP-13 through DP-16 were advanced along the underground piping system and near the former USTs. Borings DP-17 through DP-19 were advanced near the fuel dispensers and near the east property boundary. Groundwater was observed about 32 to 42 feet bgs.

No sheens were observed and headspace vapors were either not detected or detected at concentrations less than 25 ppm in soil samples from borings DP-11 through DP-17. Slight to heavy sheens and high concentrations of headspace vapors were observed in soil samples from DP-18 from about 2 feet bgs to 40 feet bgs. Headspace vapor concentrations ranged from 23.2 ppm at about 2 feet bgs to 3,482 ppm at about 18 feet bgs. Headspace vapor concentrations also were observed in boring DP-19 from about 33 feet bgs to 38 feet bgs ranging between 47 ppm and 857 ppm. A slight sheen was observed at about 32 feet bgs. The greatest indication of sheen and/or headspace vapor measurements in boring DP-18 were between 15 and 25 feet bgs and near groundwater (about 38 feet bgs).

4.1.3. Cabin Grill

Borings DP-21 through DP-25 were advanced at the Cabin Grill property to depths ranging between 45 to 50 feet bgs. Borings DP-21, DP-24, and DP-25 were advanced on the west side of the property between the Cabin Grill and State Route 31. Boring DP-22 was advanced near the location of the existing domestic well. Boring DP-23 was advanced east of the Cabin Grill. Groundwater was observed about 37½ feet to 41 feet bgs.

Headspace vapor concentrations were measured in soil samples from DP-21 ranging from 1 ppm to 940 ppm between about 21 feet bgs and 43 feet bgs and a moderate sheen was observed at about 32 feet bgs. Headspace vapors were detected in soil samples from DP-22 between 15 feet bgs and 50 feet bgs at concentrations ranging between 7.5 ppm and 918 ppm; no sheens were observed. Headspace vapors were detected in soil samples from boring DP-23 at concentrations ranging from 2.2 ppm to 38.7 ppm between about 33 feet bgs and 45 feet bgs; no sheen was observed. Headspace vapors were detected in soil samples from boring DP-24 at concentrations ranging from 1.4 ppm to 1212 ppm between about 17 feet bgs and 45 feet bgs; a heavy sheen was observed at about 38 feet bgs. Headspace vapors were detected in soil samples from boring DP-25 at concentrations ranging from 1 ppm to 245 ppm between about 10 feet bgs and 40 feet bgs; a moderate sheen was observed at about 38 feet bgs. The greatest indications of sheen and/or headspace vapor measurements in each Cabin Grill boring were at or within a couple feet of groundwater.

4.1.4. Groundwater Sampling

Groundwater samples were collected from direct-push borings DP-5, DP-17 through DP-19, DP-21, DP-22, DP-24, DP-25, and from the Cabin Grill domestic well. Groundwater samples from the direct push borings were collected using a pneumatic pump through a sampling screen driven into the soil at the bottom of the boring. Groundwater in each boring was purged before sampling. Low-flow sampling procedures were not possible within the direct-push borings given the depth to groundwater and available sampling equipment. The water sample from the Cabin Grill domestic well was obtained from an in-line tap located between the well and the existing carbon filtration treatment system.

4.2 Exploratory Borings and Monitoring Well Installation

Eight monitoring wells (MW-1 through MW-8) and three exploratory borings (B-1, B-3, and B-4) were advanced at the site between July 12 and July 23, 2010. Note that the exploration identified as B-2 on the applicable laboratory test report was converted to monitoring well MW-3. Refer to the log for MW-3 for details.

GeoEngineers' hollow-stem auger drill rig was used to advance the borings. Exploratory boring and monitoring well locations were chosen based on chemical analytical results obtained from soil and groundwater samples collected during the direct-push assessment and after consultation with Ecology. Soil samples were collected using a standard penetration test (SPT) sampler. Following installation, the monitoring wells were developed between July 13, 2010 and July 29, 2010 by gently surging and bailing to stabilize the filter pack and formation materials surrounding the well screens. Monitoring well and exploratory boring locations are shown on Figure 3.

4.2.1. Ione Airport

Monitoring well MW-2 and exploratory boring B-4 were advanced to depths of 42 and 40 feet bgs, respectively. No sheen was observed and headspace vapors were either not detected or detected at low concentrations (<5 ppm) from soil samples collected from MW-2 and B-4. Groundwater was observed at about 34 feet in B-4 and 37½ feet in MW-2.

4.2.2. Airport Kwik Stop

Monitoring wells MW-1, MW-7, and MW-8 are located at the Airport Kwik Stop site. MW-1 was installed east of the building to about 33 feet bgs. Headspace vapors were not detected and no sheen was observed in soil samples collected from MW-1. Groundwater was observed at about 29½ feet bgs. MW-7 was installed north of the building to about 43½ feet bgs. Headspace vapors were detected in soil samples at concentrations ranging from 1 ppm to 7 ppm and a slight sheen was observed in the soil sample collected from about 33½ feet to 35 feet bgs. Groundwater was observed at about 36 feet bgs. MW-8 was installed near the fuel dispensers to about 43½ feet bgs. Headspace vapors were detected at concentrations ranging from 31.8 ppm to 3,800 ppm and slight to heavy sheens were observed in soil samples collected from about 13½ feet to 43½ feet bgs. Depth to groundwater was measured at about 38 feet bgs.

4.2.3. Cabin Grill

Monitoring wells MW-4 through MW-6 and exploratory boring B-3 were advanced on the Cabin Grill property. Exploratory boring B-3 was advanced south of the Cabin Grill parking lot to about 40 feet bgs. Groundwater was observed at about 38 feet bgs. A faint petroleum-like odor and low headspace vapors were detected in the soil sample collected from about 38½ feet to 40 feet bgs; no sheen was observed. Based on the field screening results, boring B-3 was abandoned and a new boring (MW-4) was advanced about 65 feet farther south. MW-4 was installed to 49 feet bgs. No sheen was observed and headspace vapors were detected at low concentrations (<6 ppm) in soil samples obtained from the boring. Groundwater was observed at about 38 feet bgs.

Monitoring well MW-5 was advanced near the Cabin Grill domestic well to a depth of about 48½ feet bgs. Headspace vapors were detected at concentrations ranging from 3.2 ppm to 2,435 ppm and slight to heavy sheens were observed in soil samples obtained from about 25 feet to 45 feet bgs. The slight sheens observed in soil samples collected at about 25 feet and 35 feet were possibly related to the presence of silt and clay. Groundwater was observed at about 38½ feet bgs.

Monitoring well MW-6 was installed near the southeast corner of the Cabin Grill property to about 50 feet bgs. Headspace vapors were detected at 380 ppm at about 43½ feet bgs; no sheen was observed. Groundwater was observed at about 39½ feet bgs.

4.2.4. Vacant Property

Exploratory boring B-1 and monitoring well MW-3 were advanced at the vacant property. Boring B 1 was advanced near the southwest corner of the property. Headspace vapors were detected in soil samples at about 33½ feet bgs and 38½ feet bgs at concentrations of 8.7 ppm and 2,147 ppm, respectively. A heavy sheen was observed from the soil sample collected at about 38½ feet bgs. Based on the field screening results observed from boring B-1, monitoring well MW-3 was installed about 50 feet to the east to about 42 feet bgs. No sheen or headspace vapors were observed in soil samples obtained from MW-3. Depth to groundwater was measured at about 38½ feet bgs.

The hand dug well was accessed to assess the water quality and measure the depth to water. Groundwater was measured at about 40 feet below the concrete monument. Water was removed from the well using a disposable bailer. No odor and no sheen were observed in the water sample.

4.3 Groundwater Sampling

Groundwater sampling was conducted on August 5 and 6, 2010 from monitoring wells MW-1 through MW-8 and the Cabin Grill domestic well. Depth to groundwater was measured in each well and water quality parameters were recorded while purging the wells using low-flow sampling techniques. Water quality parameters were recorded during purging activities and are presented in Appendix B. Development and purge water was drummed and stored onsite pending chemical analytical results. Low flow sampling techniques were used to collect the groundwater samples. This groundwater sampling event is the first quarterly monitoring event.

4.4 Surveying

Thomas Dean and Hoskins Inc. (TD&H) mobilized to the site on August 27, 2010 to survey the locations and elevations of the monitoring wells, exploratory borings, and direct-push borings. Survey data is presented in Appendix D.

5.0 GEOLOGIC AND HYDROGEOLOGIC SETTING

5.1 General

This summary of geologic and hydrogeologic setting was developed by review of readily-available information from the literature, our experience near the study area, and reconnaissance at and near the subject site. Geologic conditions within and surrounding the site are presented in Surficial Geology Map, Figure 4.

5.2 Geologic Setting

The Town of Ione is situated within the Pend Oreille River Valley in Pend Oreille County, Washington. Topography slopes gently downward to the north along the main axis of the river valley, and the valley is bounded by upland areas to the east and west.

Basement rocks near the subject site generally consist of a complex assemblage of variously metamorphosed and folded sedimentary and volcanic rocks. These include Pre-Cambrian-age (greater than about 570 million years old [MA]) metasedimentary and metavolcanics, Cambrian-age (about 570 to 510 MA) phyllite, and Ordovician-age (about 510 to 440 MA) metacarbonate rocks. These rocks were later intruded by Cretaceous granite, which outcrops in abundance on both sides of the river valley to the south of Ione.

During the Quaternary (as recently as 15,000 years ago), glacial ice flowed through the ancestral Pend Oreille River Valley and is thought to have extended as far south as Newport. Subsequently as the climate warmed, the ice melted in-place and deposited large quantities of poorly-sorted glacial till on the surrounding mountains. The voluminous melt waters reworked some of the till into outwash plains and carried abundant silt and clay to quiescent marginal lakes. These marginal lakes were ideal depositional sites for thick laminated silts and clays which are found in

abundance within the Pend Oreille River Valley. Near Ione, glacial deposits are widely distributed and generally are mapped as glacial drift (found within upland areas and primarily consisting of till and outwash) and glaciolacustrine deposits (found on the valley floor and primarily consisting of silt and clay). Alluvial deposits associated with the Pend Oreille River and its tributaries occur in close proximity to surface water and floodplain areas.

5.3 Hydrogeologic Setting

The complex distribution and geometry of bedrock and unconsolidated formations within the Pend Oreille River valley has resulted in numerous locally-important aquifers of limited areal extent and storage capacity. Aquifer systems within the valley occur within basement rocks and unconsolidated glacial and alluvial deposits.

A hydrogeologic evaluation performed by Golder Associates (2002) for the Town of Ione identified three primary hydrogeologic units including: 1) an unconfined aquifer of relatively high permeability consisting of outwash and alluvial sand and gravel; (2) an aquitard consisting of glacial till and glaciolacustrine silt and clay, and 3) a confined aquifer of moderate permeability within Ordovician-age carbonate rocks. Over 60 percent of the area wells inventoried by Golder Associates were completed within the unconfined aquifer. The maximum specific capacity (well discharge per foot of drawdown) in wells completed in the unconfined aquifer was reported at about 80 gallons per minute per foot (gpm/foot), whereas maximum specific capacity was reported at less than 2 gpm/foot for wells completed within the confined aquifer.

6.0 SUBSURFACE CONDITIONS

6.1 Soil Conditions

Variable subsurface conditions were encountered to the depths explored in site borings. For the purposes of this report, soil underlying the site was characterized in two general units: 1) sand; and 2) silt and clay.

Loose to medium dense sand with variable silt and gravel content was encountered in all soil borings. The sand unit extended from the ground surface to the full depths in borings DP-2, DP-2A, DP-3, DP-4, DP-4A, DP-10, DP-11, DP-13 through DP-16, DP-19, B-1, B-3 and MW-5. At the locations of the remaining borings, the sand and gravel unit extended from the ground surface to depths in the range of about 31½ to 50 feet bgs. The sand unit encountered in the explorations was consistent with geologic descriptions for the outwash- and alluvially-deposited unconfined aquifer of sand and gravel.

Below the sand unit, soft to stiff silt and clay was encountered. Where encountered, the top of the silt and clay unit was located at depths in the range of about 31½ to 50 feet bgs, and extended to the depths explored. The silt and clay unit is consistent with the geologic descriptions for the glaciolacustrine-deposited aquitard of silt and clay.

Two cross sections depicting subsurface conditions were developed based on results of the explorations and are presented in Figure 5 , Cross Section A-A' and Figure 6, Cross Section B-B'.

Locations of soil and groundwater samples also are shown on the cross sections. The locations of the cross sections are shown in Figure 3.

6.2 Groundwater Conditions

Groundwater was encountered at depths in the range of about 30 to 42 feet bgs during drilling. Based on the soil conditions encountered at the locations of the borings, the shallow groundwater table underlying the site appears to be unconfined and situated above the low-permeability silt and clay unit. Refer to Section 8 for results of groundwater measurements and flow direction.

7.0 SOIL AND GROUNDWATER CHEMICAL ANALYTICAL RESULTS

7.1 General

During the direct-push field investigation, 37 soil samples were submitted to Anatek for analysis. Eleven soil samples were submitted from borings completed at the Ione Airport, 14 samples from the Airport Kwik Stop, and 12 samples from the Cabin Grill property. Ten soil samples were submitted to Anatek from exploratory borings B-1 and B-4 and from monitoring wells MW-2 through MW-7.

During the direct-push assessment, eight groundwater samples were collected from the borings and a water sample was collected from the Cabin Grill domestic well. One groundwater sample was collected from each monitoring well from the Cabin Grill domestic well during the quarterly sampling event. One duplicate groundwater sample also was collected from monitoring well MW-4.

A summary of BTEX, MTBE, and total petroleum hydrocarbon analytical results from soil samples are presented in Table 3. A summary of the VOC analytical results from soil samples collected during the direct-push assessment are presented in Table 4. Groundwater chemical analytical results from the direct-push assessment are presented in Table 5 and groundwater chemical analytical results from the first quarterly monitoring event are presented in Table 6. Exploration locations where GRPH and BTEX compounds were detected in soil samples at concentrations greater than MTCA Method A cleanup levels are presented in Figure 7, GRPH and BTEX in Soil Samples. Exploration locations where GRPH and BTEX compounds were detected in groundwater samples at concentrations greater than MTCA Method A cleanup levels are presented in Figure 8, GRPH and BTEX in Groundwater Samples. Laboratory reports are included in Appendix B. Note that GRPH, DRPH and lead concentrations from groundwater samples are presented in units of micrograms per liter ($\mu\text{g/L}$) in the text and tables, and in units of milligrams per liter (mg/L) in the analytical reports.

During the groundwater sampling event, disposable bailers were lowered into each monitoring well to measure the presence of free product before commencing with groundwater sampling. Two inches of free product were measured in the bailer sample collected from MW-5. Free product was not measured in the bailer samples collected from the other seven monitoring wells.

7.2 Ione Airport

7.2.1 Soil and Groundwater Analyses

Eleven soil samples from the direct-push assessment were submitted for either hydrocarbon identification analysis using Northwest Method NWTPH-HCID or GRPH analyses using NWTPH-Gx. Two samples also were analyzed for total lead using EPA Method 6020A and VOCs using EPA Method 8260B. Two soil samples from the monitoring wells and exploratory borings were analyzed for GRPH analysis using Northwest Method NWTPH-Gx, BTEX analysis using EPA Methods 8260B and 8021, and MTBE analysis using EPA Method 8021.

One groundwater sample from DP-5 was collected during the direct-push assessment and submitted for GRPH, DRPH, and ORPH analysis using Northwest Method NWTPH-HCID. One groundwater sample from MW-2 was collected during the August 2010 quarterly monitoring event and submitted for VOC analysis using EPA Method 8260B, GRPH using Northwest Method NWTPH-Gx, DRPH and ORPH using Northwest Method NWTPH-Dx, and total and dissolved lead using EPA Method 200.8.

7.2.2 Soil Analytical Results

GRPH, DRPH, and ORPH were not detected from soil samples collected during the direct-push assessment from the Ione Airport site. Lead was detected in both soil samples submitted for lead analyses at 5.32 milligrams per kilogram (mg/kg) and 7.52 mg/kg, respectively. 1,2,3-trimethylbenzene and 1,3,5-trimethylbenzene were detected in both soil samples submitted for VOC analyses. No other VOCs were detected.

GRPH, BTEX, and MTBE were not detected from soil samples collected from the exploratory boring and monitoring well on the Ione Airport site.

7.2.3 Groundwater Analytical Results

GRPH, DRPH, and ORPH were not detected in groundwater sample collected from DP-5. Lead (total and dissolved), GRPH, DRPH, and ORPH were not detected in the sample collected from monitoring well MW-2. EDB was detected at the MTCA Method A cleanup level (0.01 µg/L); no other VOCs were detected.

7.3 Airport Kwik Stop

7.3.1 Soil and Groundwater Analyses

Fourteen soil samples from the direct-push assessment were submitted for either hydrocarbon identification analysis using Northwest Method NWTPH-HCID or total petroleum hydrocarbon analysis using NWTPH-Gx and NWTPH-Dx. Four samples were analyzed for total lead using EPA Method 6020A and eight samples were analyzed for VOCs using EPA Method 8260B. One soil sample from the monitoring well installation phase was submitted for GRPH analysis using northwest Method NWTPH-Gx, BTEX analysis using EPA Methods 8260B and 8021, and MTBE analysis using EPA Method 8021.

Three groundwater samples (from DP-17, DP-18 and DP-19) were collected during the direct-push assessment and submitted for GRPH analysis using Northwest Method NWTPH-Gx, DRPH and

ORPH analysis using Northwest Method NWTPH-Dx, and MTBE and BTEX analysis using EPA Method 8021. Three groundwater samples (from MW-1, MW-7 and MW-8) were collected during the August 2010 monitoring event and submitted for VOC analysis using EPA Method 8260B, GRPH using Northwest Method NWTPH-Gx, DRPH and ORPH using Northwest Method NWTPH-Dx, and total and dissolved lead using EPA Method 200.8.

7.3.2 Soil Analytical Results

DRPH and ORPH were either not detected or detected at concentrations less than MTCA Method A unrestricted land use cleanup levels from the direct-push assessment. GRPH was detected in two direct-push soil samples collected from DP-18 between 18 and 22 feet bgs at concentrations (11,500 mg/kg and 11,400 mg/kg, respectively) greater than MTCA Method A unrestricted land use cleanup levels (100 mg/kg). GRPH was either not detected or detected at concentrations less than MTCA Method A unrestricted land use cleanup levels in the remaining direct-push samples. Lead was detected from samples at concentrations (ranging between 5.07 mg/kg to 9.62 mg/kg) less than MTCA Method A unrestricted land use cleanup levels (250 mg/kg).

VOCs were detected in five direct-push soil samples. Benzene was detected in three soil samples collected from DP-18, including the two samples collected between 18 and 22 feet bgs and a sample collected near groundwater at about 37 feet bgs at concentrations (12.8, 1.10, and 0.132 mg/kg, respectively) greater than MTCA Method A unrestricted land use cleanup levels (0.03 mg/kg). The soil samples collected from DP-18 between 18 and 22 feet bgs also contained toluene, ethylbenzene and total xylenes at concentrations greater than MTCA Method A unrestricted land use cleanup levels (7 mg/kg, 6 mg/kg, 9 mg/kg, respectively). Naphthalene was detected in a soil sample from DP-18 at a concentration (87.4 mg/kg) greater than the MTCA Method A unrestricted land use cleanup level (5 mg/kg). Additional VOC detections are summarized in Table 3.

GRPH, BTEX, and MTBE were not detected in the soil analyzed from monitoring well MW-7 sample. PQL were reported at concentrations less than MTCA Method A unrestricted land use cleanup levels.

7.3.3 Groundwater Analytical Results

Benzene was detected in groundwater samples collected from DP-17, DP-18 and DP-19 at concentrations (14.1 µg/L, 2,080 µg/L, and 833 µg/L, respectively) greater than MTCA Method A cleanup levels (5 µg/L). GRPH was detected in the groundwater samples from DP-18 and DP-19 at concentrations (5,020 µg/L and 2,680 µg/L, respectively) greater than MTCA Method A cleanup levels (800 µg/L). DRPH was detected in the groundwater sample from DP-18 at a concentration (1,140 µg/L) greater than MTCA Method A cleanup levels (500 µg/L). Anatek reported that DRPH detections appeared to be predominately gasoline contamination.

GRPH, DRPH, ORPH, VOCs, and lead were either not detected or detected at concentrations less than MTCA Method cleanup levels from groundwater samples collected from MW-1 and MW-7. DRPH, ORPH, and lead were not detected in the sample collected from MW-8. However, GRPH, benzene, toluene, and total xylenes were detected at concentrations (14,800 µg/L, 2,620 µg/L, 1,750 µg/L, and 1,305 µg/L, respectively) greater than MTCA Method A cleanup levels. Other VOCs were not detected. However, the reported PQLs were elevated for the non-detected VOCs

because the high concentrations of BTEX contaminants required dilution of the samples before analyzation.

7.4 Cabin Grill

7.4.1 Soil and Groundwater Analyses

Twelve direct-push soil samples were submitted for petroleum hydrocarbon analysis using Northwest Method NWTPH-Gx and NWTPH-Dx, and VOC analysis using EPA Method 8260B. Five samples were analyzed for total lead using EPA Method 6020A. Five soil samples from the monitoring wells were submitted to Anatek for GRPH analysis using Northwest Method NWTPH-GX, BTEX analysis using EPA Methods 8260B and 8021, and MTBE analysis using EPA Method 8021. Soil sample MW-5-38.5 also was analyzed for naphthalene using EPA Method 8021.

Five groundwater samples (from DP-21, DP-22, DP-24 and DP-25 and the Cabin Grill well) were collected during the direct-push assessment for GRPH analysis using Northwest Method NWTPH-Gx, DRPH and ORPH analysis using Northwest Method NWTPH-Dx, and MTBE and BTEX analysis using EPA Method 8021. Four groundwater samples (MW-4, MW-5, MW-6 and the Cabin Well) were collected during the August 2010 monitoring event and submitted for VOC analysis using EPA Method 8260B, GRPH using Northwest Method NWTPH-Gx, DRPH and ORPH using Northwest Method NWTPH-Dx, and total and dissolved lead using EPA Method 200.8.

7.4.2 Soil Analytical Results

DRPH and ORPH were either not detected or detected at concentrations less than MTCA Method A unrestricted land use cleanup levels from the direct-push assessment. GRPH was detected in three direct-push soil samples at concentrations (768 mg/kg, 1,060 mg/kg, and 1,130 mg/kg, respectively) greater than MTCA Method A unrestricted land use cleanup levels. GRPH was not detected in the remaining direct-push samples. Lead was detected in five samples at concentrations (ranging between 4.16 mg/kg to 5.46 mg/kg) less than MTCA Method A unrestricted land use cleanup levels.

VOCs were detected in six direct-push soil samples. In the sample collected from DP-21 at about 38 feet bgs, Ethylbenzene was detected at a concentration (6.08 mg/kg) greater than MTCA Method A unrestricted land use cleanup levels and total xylenes (m,p-xylene and o-xylene) were detected at a concentration (40.7 mg/kg) greater than MTCA Method A unrestricted land use cleanup levels. Additional VOC detections are summarized in Table 3.

GRPH was either not detected or detected at concentrations less than MTCA Method A unrestricted land use cleanup levels in four soil samples. BTEX and MTBE were not detected or detected at concentrations less than or equal to MTCA Method A unrestricted land use cleanup levels in three samples. PQLs were reported at concentrations less than MTCA Method A unrestricted land use cleanup levels.

GRPH and BTEX were detected in soil sample MW-5-38.5 at concentrations greater than MTCA Method A unrestricted land use cleanup levels. Naphthalene also was detected at a concentration (7.14 mg/kg) greater than MTCA Method A unrestricted land use cleanup levels. Benzene was

detected in sample MW-6-43.5 at a concentration greater than MTCA Method A unrestricted land use cleanup levels. MTBE was not detected in samples MW-5-38.5 and MW-6-43.5.

7.4.3 Groundwater Analytical Results

GRPH, DRPH, ORPH, BTEX, and MTBE were not detected or were detected at concentrations less than MTCA Method A cleanup levels in samples collected from DP-24 and DP-25 during the direct-push assessment. Benzene was detected in samples collected from DP-21 and DP-22 at concentrations (254 µg/L and 593 µg/L) greater than MTCA Method A cleanup levels. GRPH, DRPH, and BTEX were detected in the sample collected from the Cabin Grill well during the direct-push assessment, at concentrations greater than MTCA Method A cleanup levels. Anatek reported that DRPH detections appeared to be predominantly gasoline contamination.

GRPH was detected in groundwater samples collected from MW-4, MW-5 and MW-6 and the Cabin Grill well collected during the August 2010 monitoring event at concentrations (4,940 µg/L, 188,000 µg/L, 76,400 µg/L and 40,000 µg/L, respectively) greater than the MTCA Method A cleanup level. Benzene was detected in these four groundwater samples at concentrations (21.3 µg/L, 2,210 µg/L, 9,880 µg/L, and 770 µg/L, respectively) greater than the MTCA Method A cleanup level. Samples from wells MW-5, MW-6 and the Cabin Grill well also contained toluene, ethylbenzene and total xylenes greater than the MTCA Method A cleanup levels.

Other VOCs were not detected or were detected at concentrations less than cleanup levels. However, the reported PQLs also have been elevated greater than applicable cleanup levels for the non-detected VOCs because the high concentrations of BTEX contaminants required dilution of the samples before analyzation.

7.5 Vacant Property

7.5.1 Soil and Groundwater Analyses

Two soil samples were submitted for GRPH analysis using Northwest Method NWTPH-Gx, BTEX analysis using EPA Methods 8260B and 8021, and MTBE analysis using EPA Method 8021.

One groundwater sample from MW-3 was collected from the vacant property during the August 2010 monitoring event and submitted for VOC analysis using EPA Method 8260B, GRPH using Northwest Method NWTPH-Gx, DRPH and ORPH using Northwest Method NWTPH-Dx, and total and dissolved lead using EPA Method 200.8.

7.5.2 Soil Analytical Results

GRPH, toluene, ethylbenzene, total xylenes, and MTBE were either not detected or detected at concentrations less than MTCA Method A unrestricted land use cleanup levels in soil sample MW-3-40.0. Benzene was detected in soil sample MW-3-40.0 at a concentration (0.401 mg/kg) greater than MTCA Method A unrestricted land use cleanup levels.

GRPH, benzene, toluene, and total xylenes were detected at concentrations (198 mg/kg, 1.31.mg/kg, 13.6 mg/kg and 20.5 mg/kg, respectively) greater than MTCA Method A unrestricted land use cleanup levels in soil sample B-1-40.0.

7.5.3 Groundwater Analytical Results

GRPH was detected in the groundwater sample collected from MW-3 during the August 2010 monitoring event at a concentration (24,500 µg/L) greater than the MTCA Method A cleanup level. Benzene, toluene, ethylbenzene and total xylenes were detected at concentrations greater than the MTCA Method A cleanup levels.

Other VOCs were not detected or were detected at concentrations less than cleanup levels. However, the reported PQLs also have been elevated greater than applicable cleanup levels for the VOCs not detected because the high concentrations of BTEX contaminants required dilution of the samples before analyzation.

8.0 GROUNDWATER ELEVATIONS AND HYDRAULIC GRADIENT

8.1 General

Groundwater levels were measured on August 5, 2010 at the eight existing site monitoring wells (MW-1 through MW-8). Groundwater elevations were calculated by comparing measured groundwater depth to wellhead elevation and are referenced to the North American Vertical Datum of 1988 (NAVD 88).

Groundwater depths and elevations are presented in Table 7. Groundwater elevation data, and interpreted groundwater elevation distribution and flow direction, are graphically presented in Figure 9, Groundwater Elevations and Flow Direction – August 5, 2010. Field methods are described in Appendix B.

8.2 Groundwater Elevations

Depth to groundwater measurements during the August 5, 2010 monitoring event, referenced to the top rim of the PVC well casing, ranged from 29.41 feet in MW-1 to 39.72 feet in MW-6. Corresponding groundwater elevations ranged from 2,070.62 feet in MW-6 to 2,077.04 feet in MW-1. The average groundwater elevation during this monitoring event, as measured in the eight site monitoring wells, was 2,072.21 feet.

8.3 Hydraulic Gradient and Flow Direction

Interpreted groundwater flow direction during the August 5, 2010 groundwater monitoring event generally was to the east-southeast, away from upland recharge areas to the west and towards the Pend Oreille River. However, the local distribution in groundwater elevation observed at the site was relatively complex. Within the west portion of the site (approximately between monitoring wells MW-1 and MW-2), hydraulic gradient was relatively steep at about 2×10^{-2} feet per foot (about 105 feet per mile). Within the east portion of the site (approximately between monitoring wells MW-2 and MW-6), hydraulic gradient flattened significantly, averaging about 2×10^{-3} feet per foot (about 11 feet per mile). Variation in hydraulic gradient could be caused by soil permeability variation across the site (an increase in permeability to the east) or by the geometry of perching layers.

A slight depression in the groundwater table was observed near MW-5. This could reflect a cone of depression centered around the domestic well that serves the Cabin Grill. Indications of groundwater mounding related to the septic drain field located to the east of the Cabin Grill could not be evaluated because the spacing of monitoring wells is too distant from the septic field.

9.0 SUMMARY

Soil and groundwater assessment activities were conducted from April 2010 through August 2010 for the site located in Ione, Washington. Field activities consisted of 1) soil and groundwater sampling using a direct-push drill rig and 2) advancement of 11 borings and installation of 8 new monitoring wells with soil and groundwater sampling. Monitoring well and direct-push soil boring locations and elevations were surveyed by a licensed surveyor. The following is a summary of field and laboratory results completed to date for the project:

- Subsurface explorations indicate that the groundwater table underlying the site is within an unconfined aquifer of sand with variable silt content, overlying a confining layer of low-permeability silt and clay.
- Groundwater flow in the unconfined aquifer was calculated to be approximately east-southeast on August 5, 2010 (generally flowing from the Ione Airport and Airport Kwik Stop properties towards the Cabin Grill property and the Vacant property).
- Results of field screening and analytical testing of soil and groundwater samples indicate that soil and groundwater underlying the Ione Airport site is not contaminated with petroleum-related contaminants at concentrations above MTCA Method A cleanup levels with the exception of previously identified soil contamination located immediately adjacent to the USTs.
- Results of field screening and analytical testing indicate the presence of petroleum-related soil and groundwater contamination at the Airport Kwik Stop property near the fuel dispensers. Field screening results indicated possible petroleum contamination in soil samples obtained from boring DP-18, located adjacent to the fuel dispensers, from near the ground surface to a depth of about 39 feet (the approximate depth to the groundwater table). Field screening also indicated possible petroleum contamination in soil samples obtained from borings DP-17 and DP-19, located near the fuel dispensers, at depths greater than about 15 feet bgs. GRPH and/or VOCs were detected at concentrations greater than MTCA Method A unrestricted land use cleanup levels in all three samples analyzed from boring DP-18. GRPH and benzene were detected in the groundwater samples obtained from borings DP-17, DP-18 and DP-19 at concentrations greater than MTCA Method A cleanup levels. GRPH and VOCs also were detected at concentrations greater than MTCA Method A cleanup levels from the groundwater sample collected from monitoring well MW-8.
- Results of field screening and analytical testing did not indicate the presence of petroleum-related contamination from soil and groundwater samples collected from up-gradient monitoring wells MW-1 and MW-7 on the Airport Kwik Stop property.
- Results of field screening and analytical testing indicate the presence of petroleum-related soil and groundwater contamination on the Vacant property. Field screening indicated possible petroleum contamination in the soil sample collected at a depth of about 40 feet (near the

groundwater table) in boring B-1. GRPH and VOCs were detected at concentrations greater than MTCA Method A unrestricted land use cleanup levels from both soil samples analyzed from boring B-1 and monitoring well MW-3 (collected near the groundwater table). GRPH and VOCs were detected at concentrations greater than MTCA Method A cleanup levels in the groundwater sample collected from MW-3.

- Results of field screening and analytical testing indicate the presence of petroleum-related soil and groundwater contamination at the Cabin Grill property. Free product was observed in a bailer sample collected from monitoring well MW-5. Field screening indicated possible petroleum contamination in soil samples obtained from borings DP-21, DP-22, DP-24, DP-25, B-3, and monitoring wells MW-5 and MW-6. GRPH and/or VOCs were detected at concentrations greater than MTCA Method A unrestricted land use cleanup levels in soil samples collected from near the groundwater table in borings DP-21, DP-24, DP-25 and monitoring wells MW-5 and MW-6. GRPH and/or VOCs were detected at concentrations greater than MTCA Method A cleanup levels in groundwater samples collected from MW-4, MW-5, MW-6 and the Cabin Grill domestic well.
- The highest concentration of GRPH in groundwater detected during the first quarterly groundwater monitoring event was at monitoring well MW-5 at a concentration of 188,000 µg/L (235 times greater than the MTCA Method A cleanup level).
- The highest concentration of benzene detected during the first quarterly groundwater monitoring event was at monitoring well MW-6 at a concentration of 9,880 µg/L (1976 times greater than the MTCA Method A cleanup level).
- DRPH was detected at a concentration greater than MTCA Method A cleanup levels in the groundwater sample collected from boring DP-18 and the Cabin Grill domestic well sample collected in April 2010. However, the laboratory report indicated that the DRPH detection appeared to be predominantly gasoline contamination.
- Lead was not detected at concentrations greater than MTCA Method A unrestricted land use cleanup levels in soil samples, and was not detected in groundwater samples.

10.0 CONCLUSIONS

Results of analytical testing indicate that soil and groundwater underlying the Airport Kwik Stop, Cabin Grill and Vacant properties are contaminated with GRPH and VOCs, particularly BTEX compounds. Soil and groundwater do not appear to be contaminated with DRPH and lead.

Results of subsurface explorations and analytical testing indicate that the contaminant plume likely originates on the Airport Kwik Stop property based on the presence of contaminated soil in the vadose zone in the boring nearest to the fuel dispensers (DP-18). Furthermore, borings and wells located upgradient (west-northwest) of the fuel dispensers did not contain evidence of petroleum contamination. The plume extends downgradient to the east-southeast onto the Cabin Grill property and the vacant property to the north of the Cabin Grill. The Ione Airport does not appear to contribute to the contaminant plume based on the lack of petroleum hydrocarbons in soil and groundwater samples collected from the airport site and groundwater flow direction.

The Cabin Grill domestic well appears to create a cone of groundwater depression, which could help to direct contaminated groundwater toward the well. The presence of a cone of depression surrounding the domestic well could explain the presence of free product measured in monitoring well MW-5 and the lower relative groundwater elevation in this well.

Detections of GRPH and VOCs in soil and groundwater samples collected from monitoring wells MW-3, MW-4 and MW-6 indicate that the contaminant plume is not defined to the south and east of the Cabin Grill property. Furthermore, the groundwater sample collected from MW-6, the most downgradient well, had the highest benzene concentrations and the highest benzene to GRPH ratios, indicative of the leading edge of a gasoline plume. Additional monitoring wells would be needed to define the down-gradient and cross-gradient extents of the plume (east and south) of the Cabin Grill property.

11.0 REFERENCES

Golder Associates, 2002. Phase I Hydrogeological Investigation, Town of Ione. Technical Memorandum Prepared for the Town of Ione, June, 2002.

12.0 LIMITATIONS

We have prepared this report for the exclusive use of the Science Applications International Corporation, Washington State Department of Ecology and their authorized agents for the Ione Petroleum Contamination Site located in Ione, Washington.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. The conclusions and opinions presented in this report are based on our professional knowledge, judgment and experience. No warranty or other conditions, express or implied, should be understood.

Any electronic form, facsimile or hard copy of the original document (email, text, table and/or figure), if provided, and any attachments should be considered a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record.

Please refer to the Appendix E titled "Report Limitations and Guidelines for Use" for additional information pertaining to use of this report.

Table 3

Summary of Chemical Analytical Results - Soil Samples¹

Ione Petroleum Contamination

Ione, Washington

| Sample Number | Exploration Number | Sample Depth (feet) | Date Sampled | Lead ² (mg/kg) | DRPH ³ (mg/kg) | GRPH ⁴ (mg/kg) | ORPH ⁵ (mg/kg) | Benzene ⁸ (mg/kg) | Toluene ⁸ (mg/kg) | Ethyl-Benzene ⁸ (mg/kg) | Total Xylenes ⁸ (mg/kg) | MTBE ⁸ (mg/kg) | Naphthalene ⁸ (mg/kg) |
|--------------------------------|--------------------|---------------------|--------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------------|------------------------------------|---------------------------|----------------------------------|
| Ione Airport | | | | | | | | | | | | | |
| IADP01-31.5-32.1 ⁶ | DP-1 | 31.5-32.1 | 04/26/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP03-18-18.7 ⁷ | DP-3 | 18-18.7 | 04/27/10 | 5.32 | <25 | <5 | <100 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| IADP03-30-31 ⁶ | DP-3 | 30-31 | 04/27/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP05-17.5-18.5 ⁷ | DP-5 | 17.5-18.5 | 04/26/10 | 7.52 | <25 | <5 | <100 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| IADP06-25-26 ⁶ | DP-6 | 25-26 | 04/26/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP05-32-33.3 ⁶ | DP-5 | 32-33.3 | 04/26/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP07-32-33.3 ⁶ | DP-7 | 32-33.3 | 04/26/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP07-25-26 ⁶ | DP-7 | 25-26 | 04/26/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP08-31.5-32.5 ⁶ | DP-8 | 31.5-32.5 | 04/26/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP09-32.5-33.5 ⁶ | DP-9 | 32.5-33.5 | 04/27/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IADP10-33-34.5 ⁶ | DP-10 | 33-34.5 | 04/27/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| MW-2-37.5 ⁷ | MW-2 | 37.5 | 07/12/10 | NA | NA | <2.62 | NA | <0.0262 | <0.0262 | <0.0262 | <0.0524 | <0.0262 | NA |
| B-4-33.5 ^{7,9} | B-4 | 33.5 | 07/21/10 | NA | NA | <5.37 | NA | <0.03 | <0.0537 | <0.0537 | <0.1074 | <0.0537 | NA |
| Airport Kwik Stop | | | | | | | | | | | | | |
| IKSDP11-2.5-3.5 ⁶ | DP-11 | 2.5-3.5 | 04/27/10 | NA | 70 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP12-31-31.8 ⁶ | DP-12 | 31-31.8 | 04/27/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP13-5-6 ⁶ | DP-13 | 5-6 | 04/27/10 | NA | 110 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP14-17.5-18.5 ⁶ | DP-14 | 17.5-18.5 | 04/27/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP15-10-11 ⁶ | DP-15 | 10-11 | 04/27/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP16-10-11 ⁶ | DP-16 | 10-11 | 04/27/10 | NA | <50 | <25 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP17-22-23 ⁷ | DP-17 | 22-23 | 04/28/10 | NA | <25 | <5 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP17-34-35 ⁷ | DP-17 | 34-35 | 04/28/10 | 6.38 | <25 | <5 | <100 | NA | NA | NA | NA | NA | NA |
| IKSDP17-40.5-41.5 ⁷ | DP-17 | 40.5-41.5 | 04/28/10 | NA | <25 | <5 | <100 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| IKSDP18-18-19 ⁷ | DP-18 | 18-19 | 04/28/10 | 9.62 | 1,740 | 11,500 | <1,000 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| IKSDP18-21-22 ⁷ | DP-18 | 21-22 | 04/28/10 | NA | 1,780 | 11,400 | <1,000 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| IKSDP18-36.5-37.5 ⁷ | DP-18 | 36.5-37.5 | 04/28/10 | 5.07 | <25 | 23.2 | <100 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| IKSDP19-26-27 ⁷ | DP-19 | 26-27 | 04/28/10 | NA | <25 | <5 | <100 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| IKSDP19-35.5-36.5 ⁷ | DP-19 | 35.5-36.5 | 04/28/10 | 7.63 | <25 | <5 | <100 | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ | . ₁₂ |
| MW-7-38.5 ⁷ | MW-7 | 38.5 | 07/23/10 | NA | NA | <2.81 | NA | <0.0281 | <0.0281 | <0.0281 | <0.0562 | <0.0281 | NA |

| Sample Number | Exploration Number | Sample Depth (feet) | Date Sampled | Lead ² (mg/kg) | DRPH ³ (mg/kg) | GRPH ⁴ (mg/kg) | ORPH ⁵ (mg/kg) | Benzene ⁸ (mg/kg) | Toluene ⁸ (mg/kg) | Ethyl-Benzene ⁸ (mg/kg) | Total Xylenes ⁸ (mg/kg) | MTBE ⁸ (mg/kg) | Naphthalene ⁸ (mg/kg) | |
|--|--------------------|---------------------|--------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------------|------------------------------------|---------------------------|----------------------------------|------|
| Vacant Lot | | | | | | | | | | | | | | |
| B-1-40.0 ⁷ | B-1 | 40 | 07/13/10 | NA | NA | 198 | NA | 1.31 | 13.6 | 3.78 | 20.5 | <0.025 | NA | |
| MW-3-40.0 ^{7,10} | MW-3 | 40 | 07/13/10 | NA | NA | <5.95 | NA | 0.401 | 0.869 | 0.300 | 0.981 | <0.0595 | NA | |
| Cabin Grill | | | | | | | | | | | | | | |
| CGDP21-15-16 ⁷ | DP-21 | 15-16 | 04/29/10 | NA | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP21-27-27.8 ⁷ | DP-21 | 27-27.8 | 04/29/10 | NA | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP21-37-38 ⁷ | DP-21 | 37-38 | 04/29/10 | NA | 188 | 768 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP21-41.5-42.5 ⁷ | DP-21 | 41.5-42.5 | 04/29/10 | 4.25 | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP21-42.5-43.5 ⁷ | DP-21 | 42.5-43.5 | 04/29/10 | NA | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP22-16-17 ⁷ | DP-22 | 16-17 | 04/29/10 | NA | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP22-32-33 ⁷ | DP-22 | 32-33 | 04/29/10 | NA | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP22-40-41 ⁷ | DP-22 | 40-41 | 04/29/10 | 5.46 | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CDP23-41.5-42.3 ⁷ | DP-23 | 41.5-42.3 | 04/29/10 | 5.35 | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP24-27-28 ⁷ | DP-24 | 27-28 | 04/29/10 | NA | <25 | <5 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP24-37.4-38 ⁷ | DP-24 | 37.4-38 | 04/29/10 | 4.16 | 27.8 | 1,060 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| CGDP25-37-38 ⁷ | DP-25 | 37-38 | 04/30/10 | 4.41 | 40.5 | 1,130 | <100 | _12 | _12 | _12 | _12 | _12 | _12 | |
| MW-4-40.0 ^{7,9} | MW-4 | 40 | 07/20/10 | NA | NA | <5.53 | NA | <0.03 | 0.0682 | <0.0553 | <0.1106 | <0.0553 | NA | |
| MW-5-33.5 ⁷ | MW-5 | 33.5 | 07/21/10 | NA | NA | 16.3 | NA | <0.025 | 0.652 | 0.270 | 1.98 | <0.025 | NA | |
| MW-5-38.5 ⁷ | MW-5 | 38.5 | 07/21/10 | NA | NA | 2,670 | NA | 9.32 | 189 | 52.8 | 302 | <0.571 | 7.14 | |
| MW-5-43.5 ⁷ | MW-5 | 43.5 | 07/21/10 | NA | NA | 7.81 | NA | <0.025 | 0.0601 | <0.025 | 0.508 | <0.025 | NA | |
| MW-6-43.5 ⁷ | MW-6 | 43.5 | 07/22/10 | NA | NA | 9.48 | NA | 1.42 | 2.65 | 0.275 | 2.69 | <0.0596 | NA | |
| MTCA ¹¹ Method A cleanup levels | | | | | 250 | 2,000 | 100 | 2,000 | 0.03 | 7 | 6 | 9 | 0.01 | 5.00 |

Notes:

¹Chemical analyses conducted by Anatek Labs, Inc. located in Spokane Washington.

²Lead analyzed using EPA Method 6020A.

³DRPH = Diesel-range petroleum hydrocarbons by either Northwest Ecology Method NWTPH-HCID or NWTPH-Dx, see notes next to individual samples for specific test method.

⁴GRPH = Gasoline-range petroleum hydrocarbons by either Ecology Northwest Method NWTPH-HCID or NWTPH-Gx, see note next to individual samples for specific test method.

⁵ORPH = Oil-range petroleum hydrocarbons analyzed using either Ecology Northwest Method NWTPH-HCID or NWTPH-Dx, see note next to individual samples for specific test method.

⁶GRPH, DRPH and ORPH analyzed using Ecology Northwest Method NWTPH-HCID.

⁷GRPH analyzed using Ecology Northwest Method NWTPH-Gx. DRPH and ORPH analyzed using NWTPH-Dx.

⁸Benzene, toluene, ethylbenzene, total xylenes, methyl-tert-butyl ether (MTBE) and naphthalene were analyzed using EPA Method 8021, with the exception of samples B-4-33.5 and MW-4-40.0.

⁹Benzene was analyzed using EPA Method 8260B.

¹⁰Sample labeled B-2-40.0 and sample labeled MW-3-40.0 are the same sample. (B-2 and MW-3 are the same exploration.)

¹¹MTCA = Washington State, Model Toxics Control Act, Method A Cleanup levels

¹²See Table 4 for analytical results.

mg/kg = milligrams per kilogram; NA = not analyzed; - = results not presented in this table; Bold indicates detection limit exceeds cleanup level.

[https://projects.geoengineers.com/sites/0050405800/Final/Report/\[lone_tables.xlsx\]Table 3](https://projects.geoengineers.com/sites/0050405800/Final/Report/[lone_tables.xlsx]Table 3)

Table 4
Summary of Volatile Organic Compounds Analytical Results - Direct-Push Phase Soil Samples¹

Ione Petroleum Contamination
Ione, Washington

| Analyte | Units | MTCA Method A Cleanup Level | Sample Number Date Boring Number Depth | Ione Airport | | Airport Kwik Stop | | | | | | Cabin Grill | | | |
|-----------------------------|-------|-----------------------------|---|------------------------------|--------------------------------|----------------------------|----------------------------|--------------------------------|----------------------------|----------------------------|--------------------------------|----------------------------|--------------------------------|----------------------------|------------------------------|
| | | | | IADP03-18-18.7 | IADP05-17.5-18.5 | IKSDP17-22-23 | IKSDP17-34-35 | IKSDP17-40.5-41.5 | IKSDP18-18-19 | IKSDP18-21-22 | IKSDP18-36.5-37.5 | IKSDP19-26-27 | IKSDP19-35.5-36.5 | CGDP21-15-16 | CGDP21-27-27.8 |
| | | | | 04/27/10 DP-03 18-18.7 | 04/26/10 DP-05 17.5-18.5 | 04/28/10 DP-17 22-23 | 04/28/10 DP-17 34-35 | 04/28/10 DP-17 40.5-41.5 | 04/28/10 DP-18 18-19 | 04/28/10 DP-18 21-22 | 04/28/10 DP-18 36.5-37.5 | 04/28/10 DP-19 26-27 | 04/28/10 DP-19 35.5-36.5 | 04/29/10 DP-21 15-16 | 04/29/10 DP-21 27-27.8 |
| 1,1,1,2-Tetrachloroethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,1,1-Trichloroethane | mg/kg | 2 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,1,2,2-Tetrachloroethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,1,2-Trichloroethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,1-Dichloroethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,1-Dichloroethene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,1-Dichloropropene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,2,3-Trichlorobenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,2,3-Trichloropropane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,2,4-Trichlorobenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,2,4-Trimethylbenzene | mg/kg | NE | | 0.0197 | 0.0147 | <0.0125 | <0.0125 | <0.0125 | 596 | 633 | 0.943 | 0.0127 | 0.0618 | <0.0125 | <0.0125 |
| 1,2-Dibromo-3-chloropropane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,2-Dibromoethane (EDB) | mg/kg | 0.005 | | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 | <0.096 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| 1,2-Dichlorobenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,2-Dichloroethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,2-Dichloropropane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,3,5-Trimethylbenzene | mg/kg | NE | | 0.0194 | 0.0137 | <0.0125 | <0.0125 | <0.0125 | 196 | 167 | 0.299 | <0.125 | <0.0125 | <0.0125 | <0.0125 |
| 1,3-Dichlorobenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,3-Dichloropropane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 1,4-Dichlorobenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 2,2-Dichloropropane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 2-Chlorotoluene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| 2-Hexanone | mg/kg | NE | | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <1.2 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 |
| 4-Chlorotoluene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Acetone | mg/kg | NE | | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <1.2 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 |
| Acrylonitrile | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Benzene | mg/kg | 0.03 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 12.8 | 1.10 | 0.132 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Bromobenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Bromochloromethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Bromodichloromethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Bromoform | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Bromomethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Carbon disulfide | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Carbon Tetrachloride | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Chlorobenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Chloroethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Chloroform | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Chloromethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| cis-1,2-Dichloroethene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| cis-1,3-Dichloropropene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Dibromochloromethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Dibromomethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Dichlorodifluoromethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |

| Analyte | Units | MTCA Method A Cleanup Level | Sample Number Date Boring Number Depth | Ione Airport | | Airport Kwik Stop | | | | | | Cabin Grill | | | |
|-------------------------------|-------|--------------------------------------|---|------------------------------|--------------------------------|----------------------------|----------------------------|--------------------------------|----------------------------|----------------------------|--------------------------------|----------------------------|--------------------------------|----------------------------|------------------------------|
| | | | | IADP03-18-18.7 | IADP05-17.5-18.5 | IKSDP17-22-23 | IKSDP17-34-35 | IKSDP17-40.5-41.5 | IKSDP18-18-19 | IKSDP-18-21-22 | IKSDP18-36.5-37.5 | IKSDP19-26-27 | IKSDP19-35.5-36.5 | CGDP21-15-16 | CGDP21-27-27.8 |
| | | | | 04/27/10 DP-03 18-18.7 | 04/26/10 DP-05 17.5-18.5 | 04/28/10 DP-17 22-23 | 04/28/10 DP-17 34-35 | 04/28/10 DP-17 40.5-41.5 | 04/28/10 DP-18 18-19 | 04/28/10 DP-18 21-22 | 04/28/10 DP-18 36.5-37.5 | 04/28/10 DP-19 26-27 | 04/28/10 DP-19 35.5-36.5 | 04/29/10 DP-21 15-16 | 04/29/10 DP-21 27-27.8 |
| Ethylbenzene | mg/kg | 6 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 219 | 189 | 0.242 | <0.0125 | 0.0139 | <0.0125 | <0.0125 |
| Hexachlorobutadiene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Isopropylbenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 16.6 | 19.1 | 0.0248 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| m,p-Xylene | mg/kg | 9 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 970 | 942 | 1.13 | <0.0125 | 0.0633 | <0.0125 | <0.0125 |
| Methyl ethyl ketone (MEK) | mg/kg | NE | | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <1.2 | <0.625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 |
| Methyl isobutyl ketone (MIBK) | mg/kg | NE | | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <1.2 | <0.625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 |
| Methylene chloride | mg/kg | 0.02 | | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <1.2 | <0.625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 |
| Methylt buytl ether (MTBE) | mg/kg | 0.1 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Naphthalene | mg/kg | 5 | | 0.0131 | 0.0182 | <0.0125 | <0.0125 | <0.0125 | 0.900 | 87.4 | 0.242 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| n-Butylbenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 19.2 | 20.2 | 0.0408 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| n-Propylbenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 70.7 | 77.0 | 0.115 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| o-Xylene | mg/kg | 9 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <1.25 | 389 | 0.618 | <0.0125 | 0.034 | <0.0125 | <0.0125 |
| p-Isopropyltoluene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 4.27 | 4.94 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| sec-Butylbenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Styrene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| tert-Butylbenzene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Tetrachloroethene | mg/kg | 0.05 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Toluene | mg/kg | 7 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 612 | 369 | 0.823 | <0.0125 | 0.0441 | <0.0125 | <0.0125 |
| trans-1,2-Dichloroethene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| trans-1,3-Dichloropropene | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Trichloroethene | mg/kg | 0.03 | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Trichlorofluoromethane | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |
| Vinyl chloride | mg/kg | NE | | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.24 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 |

Notes:

¹Chemical analyses conducted by Anatek Labs, Inc. located in Spokane, Washington.

²Volatile organic compounds analyzed using by EPA Method 8260B.

mg/kg = milligrams per kilogram; NE = not established; MTCA = Model Toxics Control Act

| Analyte | Units | MTCA Method A Cleanup Level | Cabin Grill | | | | | | | | | | | |
|-----------------------------|-------|-----------------------------|------------------------|----------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|----------------|------------------|----------------|----------|
| | | | Sample Number | CGDP21-37-38 | CGDP21-41.5-42.5 | CGDP21-42.5-43.5 | CGDP22-16-17 | CGDP22-32-33 | CDPG22-40-41 | CGDP23-41.5-42.3 | CGDP24-27-28 | CGDP24-37.4-38 | CGDP25-37-38 | |
| | | | Date | 04/29/10 | 04/29/10 | 04/29/10 | 04/29/10 | 04/29/10 | 04/29/10 | 04/29/10 | 04/29/10 | 04/29/10 | 04/29/10 | 04/30/10 |
| | | | Boring Number Depth | DP-21 37-38 | DP-21 41.5-42.5 | DP-21 42.5-43.5 | DP-22 16-17 | DP-22 32-33 | DP-22 40-41 | DP-23 41.5-42.3 | DP-24 27-28 | DP-24 37.4-38 | DP-25 37-38 | |
| 1,1,1,2-Tetrachloroethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,1,1-Trichloroethane | mg/kg | 2 | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,1,2,2-Tetrachloroethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,1,2-Trichloroethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,1-Dichloroethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,1-Dichloroethene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,1-Dichloropropene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,2,3-Trichlorobenzene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,2,3-Trichloropropane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,2,4-Trichlorobenzene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,2,4-Trimethylbenzene | mg/kg | NE | | 30.5 | 0.0261 | 0.0353 | <0.0125 | <0.0125 | 0.0309 | <0.0125 | <0.0125 | 11.9 | 17.3 | |
| 1,2-Dibromo-3-chloropropane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,2-Dibromoethane (EDB) | mg/kg | 0.005 | | <0.05 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 | <0.05 | |
| 1,2-Dichlorobenzene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,2-Dichloroethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,2-Dichloropropane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,3,5-Trimethylbenzene | mg/kg | NE | | 9.28 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 3.28 | 4.02 | |
| 1,3-Dichlorobenzene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,3-Dichloropropane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 1,4-Dichlorobenzene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 2,2-Dichloropropane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 2-Chlorotoluene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| 2-Hexanone | mg/kg | NE | | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <0.625 | |
| 4-Chlorotoluene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Acetone | mg/kg | NE | | <0.625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <0.625 | |
| Acrylonitrile | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Benzene | mg/kg | 0.03 | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Bromobenzene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Bromochloromethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Bromodichloromethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Bromoform | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Bromomethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Carbon disulfide | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Carbon Tetrachloride | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Chlorobenzene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Chloroethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Chloroform | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Chloromethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| cis-1,2-Dichloroethene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| cis-1,3-Dichloropropene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Dibromochloromethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Dibromomethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |
| Dichlorodifluoromethane | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 | |

| Analyte | Units | MTCA Method A Cleanup Level | Cabin Grill | | | | | | | | | | | |
|-------------------------------|-------|-----------------------------|--------------------------------|----------------------------|--------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|----------------------------|------------------------------|----------------------------|--------|
| | | | Sample Number | CGDP21-37-38 | CGDP21-41.5-42.5 | CGDP21-42.5-43.5 | CGDP22-16-17 | CGDP22-32-33 | CDPG22-40-41 | CGDP23-41.5-42.3 | CGDP24-27-28 | CGDP24-37.4-38 | CGDP25-37-38 | |
| | | | Date Boring Number Depth | 04/29/10 DP-21 37-38 | 04/29/10 DP-21 41.5-42.5 | 04/29/10 DP-21 42.5-43.5 | 04/29/10 DP-22 16-17 | 04/29/10 DP-22 32-33 | 04/29/10 DP-22 40-41 | 04/29/10 DP-23 41.5-42.3 | 04/29/10 DP-24 27-28 | 04/29/10 DP-24 37.4-38 | 04/30/10 DP-25 37-38 | |
| Ethylbenzene | mg/kg | 6 | | 6.08 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | 0.252 |
| Hexachlorobutadiene | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Isopropylbenzene | mg/kg | NE | | 0.865 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | 0.225 |
| m,p-Xylene | mg/kg | 9 | | 27.4 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 0.0259 | <0.0125 | <0.0125 | 1.01 | 2.51 |
| Methyl ethyl ketone (MEK) | mg/kg | NE | | <0.625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <0.625 | <0.625 | <0.625 | <0.625 |
| Methyl isobutyl ketone (MIBK) | mg/kg | NE | | <0.625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <0.625 | <0.625 | <0.625 | <0.625 |
| Methylene chloride | mg/kg | 0.02 | | <0.625 | <0.0625 | <0.0625 | <0.0625 | <0.0625 | <0.625 | <0.625 | <0.625 | <0.625 | <0.625 | <0.625 |
| Methylt buytl ether (MTBE) | mg/kg | 0.1 | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Naphthalene | mg/kg | 5 | | 5.00 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 4.39 | 2.72 |
| n-Butylbenzene | mg/kg | NE | | 1.17 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 0.928 | 0.668 |
| n-Propylbenzene | mg/kg | NE | | 4.09 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 0.735 | 1.25 |
| o-Xylene | mg/kg | 9 | | 13.3 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 0.0148 | <0.0125 | <0.0125 | 0.662 | 1.48 |
| p-Isopropyltoluene | mg/kg | NE | | 0.249 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | 0.148 | 0.131 |
| sec-Butylbenzene | mg/kg | NE | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Styrene | mg/kg | NE | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| tert-Butylbenzene | mg/kg | NE | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Tetrachloroethene | mg/kg | 0.05 | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Toluene | mg/kg | 7 | | 1.67 | 0.0225 | 0.0161 | <0.0125 | <0.0125 | <0.0125 | 0.0252 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| trans-1,2-Dichloroethene | mg/kg | NE | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| trans-1,3-Dichloropropene | mg/kg | NE | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Trichloroethene | mg/kg | 0.03 | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Trichlorofluoromethane | mg/kg | NE | | <0.125 | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |
| Vinyl chloride | mg/kg | NE | | <0.125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.0125 | <0.125 | <0.125 |

Notes:

¹Chemical analyses conducted by Anatek Labs, Inc. located in Spokane, Washington.

²Analyzed using by EPA Method 8260B.

mg/kg = milligrams per kilogram; NE = not established; MTCA = Model Toxics Control Act

[https://projects.geoengineers.com/sites/0050405800/Final/Report/\[lone_Tables.xlsx\]Table 4](https://projects.geoengineers.com/sites/0050405800/Final/Report/[lone_Tables.xlsx]Table 4)

Table 5**Summary of Chemical Analytical Results - Groundwater Samples - Direct-Push Phase¹****Ione Petroleum Contamination****Ione, Washington**

| Sample Number | Exploration Number | Date Sampled | Benzene ² (µg/L) | Ethyl-Benzene ² (µg/L) | m+p-Xylene ² (µg/L) | MTBE ² (µg/L) | o-Xylenes ² (µg/L) | Toluene ² (µg/L) | DRPH ³ (µg/L) | ORPH ³ (µg/L) | GRPH ⁴ (µg/L) |
|---|--------------------|--------------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Ione Airport | | | | | | | | | | | |
| IADP05-W | | 04/26/10 | NA | NA | NA | NA | NA | NA | <100 | <500 | <250 ⁵ |
| Airport Kwik Stop | | | | | | | | | | | |
| IKDP17-W | | 04/28/10 | 14.1 | <1 | <2 | <1 | <1 | <1 | <100 | <500 | <250 |
| IKDP18-W | | 04/28/10 | 2,080 | 187 | 537 | 8.33 | 260 | 707 | 1,140 | <500 | 5,020 |
| IKDP19-W | | 04/28/10 | 833 | 45.1 | 209 | 6.55 | 77.4 | 652 | 303 | <500 | 2,680 |
| Cabin Grill | | | | | | | | | | | |
| CGDP25-W | | 04/30/10 | <1 | <1 | 2.22 | <1 | 1.15 | 1.62 | <100 | <500 | <250 |
| CGDP21-W | | 04/29/10 | 254 | 1.32 | 30.1 | 3.56 | 18.2 | 10.8 | 156 | <500 | 362 |
| CGDP22-W | | 04/29/10 | 593 | 35.8 | 32.7 | 4.98 | 6.83 | 39.8 | 241 | <500 | 614 |
| CGDP24-W | | 04/29/10 | <1 | 2.93 | 5.99 | <1 | 3.42 | 7.73 | <100 | <500 | <250 |
| CGWT ⁶ | | 04/29/10 | 1,300 | 1,030 | 3,020 | 7.63 | 1,470 | 4,400 | 4,840 | <500 | 29,100 |
| MTCA ⁶ Method A cleanup levels | | | 5 | 700 | 1,000 ⁸ | 20 | 1,000 ⁸ | 1,000 | 500 | 500 | 800 |

Notes:¹Chemical analyses conducted by Anatek Labs, Inc. of Spokane, Washington.²Benzene, ethylbenzene, m+p-xylene, methyl-t-butyl ether (MTBE), o-xylene and toluene analyzed using EPA Method 8021.³Diesel and Lube Oil analyzed using Northwest Method NWTPH-Dx. Note that laboratory reports are in units of mg/L.⁴Gasoline analyzed using Northwest Method NWTPH-Gx. Note that laboratory reports are in units of mg/L.⁵Analyzed using Northwest Method NWTPH-HCID. Note that laboratory reports are in units of mg/L.⁶CGWT = Cabin Grill Domestic Well.⁷MTCA = Washington State, Model Toxics Control Act, Method A Cleanup levels.⁸Cleanup levels for total xylenes.µg/L = micrograms per liter; mg/L = milligrams per liter; **Bolding** indicates analyte was detected at concentrations greater than MTCA Method A cleanup levels.[https://projects.geoengineers.com/sites/0050405800/Final/Report/\[Ione_Tables.xlsx\]Table 5](https://projects.geoengineers.com/sites/0050405800/Final/Report/[Ione_Tables.xlsx]Table 5)

Table 6

Summary of Groundwater Chemical Analytical Results - Monitoring Well Samples¹
Ione Petroleum Contamination
Ione, Washington

| Analyte | Unit | MTCA Method A Cleanup Level | Sample Number Date | MW-1-080510 08/05/10 | MW-2-080610 08/06/10 | MW-3-080610 08/06/10 | MW-4-080610 08/06/10 | MW-5-080610 08/06/10 | MW-6-080610 08/06/10 | MW-7-080610 08/06/10 | MW-8-080610 08/06/10 | Cabin Well-080610 08/06/10 | Duplicate-1-080610 08/06/10 |
|---|------|-----------------------------|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|-----------------------------|
| DRPH ² | µg/L | 500 | | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| ORPH ² | µg/L | 500 | | <500 | <100 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| GRPH ³ | µg/L | 800 | | <100 | <100 | 24,500 | 4,940 | 188,000 | 76,400 | <100 | 14,800 | 40,000 | 4,920 |
| Volatile Organic Compounds⁴ | | | | | | | | | | | | | |
| Benzene | µg/L | 5 | | <0.5 | <0.5 | 2,680 | 21.3 | 2,210 | 9,880 | <0.5 | 2,620 | 770 | 21.6 |
| Ethylbenzene | µg/L | 700 | | <0.5 | <0.5 | 831 | 80.6 | 3,210 | 1,640 | <0.5 | 334 | 877 | 81.5 |
| Toluene | µg/L | 1,000 | | 1.81 | <0.5 | 3,330 | 462 | 37,900 | 14,400 | <0.5 | 1,750 | 4,920 | 472 |
| m,p-Xylene | µg/L | 1,000 ⁵ | | 1.93 | <0.5 | 1,940 | 425 | 13,900 | 5,180 | <0.5 | 902 | 2,600 | 419 |
| o-Xylene | µg/L | 1,000 ⁵ | | 0.89 | <0.5 | 615 | 189 | 5,510 | 2,720 | <0.5 | 403 | 1,390 | 194 |
| 1,1,1,2-Tetrachloroethane | µg/L | NE | | <0.5 | <0.5 | <50 | 188 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,1,1-Trichloroethane | µg/L | 200 | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,1,2,2-Tetrachloroethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,1,2-Trichloroethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,1-Dichloroethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,1-Dichloroethene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,1-Dichloropropene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,2,3-Trichlorobenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,2,3-Trichloropropane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,2,4-Trichlorobenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,2,4-Trimethylbenzene | µg/L | NE | | 0.62 | <0.5 | 305 | 154 | 2,000 | 376 | <0.5 | 186 | 369 | 148 |
| 1,2-Dibromo-3-chloropropane (DBCP) | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,2-Dibromoethane (EDB) | µg/L | 0.01 | | <0.01 | 0.01 | <50 | <5 | <500 | <250 | <0.01 | <25 | <50 | <5 |
| 1,2-Dichlorobenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,2-Dichloroethane (EDC) | µg/L | 5 | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,2-Dichloropropane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,3,5-Trimethylbenzene | µg/L | NE | | 0.58 | <0.5 | <50 | 68.3 | 968 | <250 | <0.5 | 70.7 | 199 | 65.0 |
| 1,3-Dichlorobenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,3-Dichloropropane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 1,4-Dichlorobenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 2,2-Dichloropropane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 2-Chlorotoluene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| 2-Hexanone | µg/L | NE | | <2.5 | <2.5 | <250 | <25 | <2,500 | <1,250 | <2.5 | <125 | <250 | <2.5 |
| 4-Chlorotoluene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Acetone | µg/L | NE | | <2.5 | <2.5 | <250 | 36.0 | <2,500 | <1,250 | 2.93 | <125 | <250 | 34.8 |
| Acrylonitrile | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Bromobenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Bromochloromethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Bromodichloromethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Bromoform | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Bromomethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Carbon disulfide | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Carbon Tetrachloride | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Chlorobenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Chloroethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Chloroform | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |

| Analyte | Unit | MTCA Method A Cleanup Level | Sample Number Date | MW-1-080510 08/05/10 | MW-2-080610 08/06/10 | MW-3-080610 08/06/10 | MW-4-080610 08/06/10 | MW-5-080610 08/06/10 | MW-6-080610 08/06/10 | MW-7-080610 08/06/10 | MW-8-080610 08/06/10 | Cabin Well-080610 08/06/10 | Duplicate-1-080610 08/06/10 |
|--------------------------------|------|-----------------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------------|--------------------------------|
| Chloromethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| cis-1,2-Dichloroethene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| cis-1,3-Dichloropropene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Dibromochloromethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Dibromomethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Dichlorodifluoromethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Hexachlorobutadiene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Isopropylbenzene | µg/L | NE | | <0.5 | <0.5 | 104 | 6.39 | 945 | 466 | <0.5 | <25 | <50 | 6.12 |
| Methyl ethyl ketone (MEK) | µg/L | NE | | <2.5 | <2.5 | <250 | <25 | <2,500 | <1,250 | <2.5 | <125 | <250 | <2.5 |
| Methyl isobutyl ketone (MIBK) | µg/L | NE | | <2.5 | <2.5 | <250 | <25 | <2,500 | <1,250 | <2.5 | <125 | <250 | <2.5 |
| Methylene chloride | µg/L | 5 | | <2.5 | <2.5 | <250 | <25 | <2,500 | <1,250 | <2.5 | <125 | <250 | <2.5 |
| Methyl tert buytl ether (MTBE) | µg/L | 20 | | <0.5 | <0.5 | <50 | <25 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Naphthalene | µg/L | 160 | | <0.5 | <0.5 | 80.1 | 10.3 | <500 | <250 | <0.5 | <25 | 147 | 7.54 |
| n-Butylbenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| n-Propylbenzene | µg/L | NE | | 0.55 | <0.5 | 92.2 | 15.1 | 691 | 312 | <0.5 | 37.1 | 88.1 | 14.7 |
| p-Isopropyltoluene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| sec-Butylbenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Styrene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| tert-Butylbenzene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Tetrachloroethene | µg/L | 5 | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| trans-1,2-Dichloroethene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| trans-1,3-Dichloropropene | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Trichloroethene | µg/L | 5 | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Trichlorofluoromethane | µg/L | NE | | <0.5 | <0.5 | <50 | <5 | <500 | <250 | <0.5 | <25 | <50 | <5 |
| Vinyl chloride | µg/L | 0.02 | | <0.2 | <0.2 | <50 | <5 | <500 | <250 | <0.2 | <25 | <50 | <5 |
| Dissolved Lead ⁵ | µg/L | 15 | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| Lead ⁶ | µg/L | 15 | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

Notes:

¹Chemical analyses conducted by Anatek Labs, Inc. located in Spokane, Washington.

²Diesel and Lube Oil analyzed using Northwest Method NWTPH-Dx.

³Gasoline analyzed using Northwest Method NWTPH-Gx.

⁴Volatile organic compounds analyzed using by EPA Method 8260B.

⁵Cleanup level for total xylenes is 1,000 µg/L.

⁶Lead and dissolved lead analyzed using by EPA Method 200.8. Note that laboratory reports are in units of mg/L.

µg/L - micrograms per liter; mg/L = milligrams per liter; NE = not established; MTCA = Model Toxics Control Act

Table 7
Summary of Groundwater Level Measurements
Ione Petroleum Contamination
Ione, Washington

| Well Number | Date Measured | Top of Casing Elevation¹ (feet) | Depth to Water² (feet) | Groundwater Elevation (feet) |
|--------------------|----------------------|---|--|-------------------------------------|
| MW-1 | 08/05/10 | 2,106.45 | 29.41 | 2,077.04 |
| MW-2 | 08/05/10 | 2,109.36 | 37.54 | 2,071.82 |
| MW-3 | 08/05/10 | 2,110.17 | 38.66 | 2,071.51 |
| MW-4 | 08/05/10 | 2,109.31 | 38.17 | 2,071.14 |
| MW-5 | 08/05/10 | 2,109.28 | 38.57 | 2,070.71 |
| MW-6 | 08/05/10 | 2,110.34 | 39.72 | 2,070.62 |
| MW-7 | 08/05/10 | 2,109.31 | 36.27 | 2,073.04 |
| MW-8 | 08/05/10 | 2,109.72 | 37.93 | 2,071.79 |

Notes:

¹Top of casing elevation survey performed by Thomas, Dean & Hoskins, Inc. (TD&H). Elevations are referenced to NAVD 88.

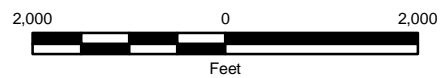
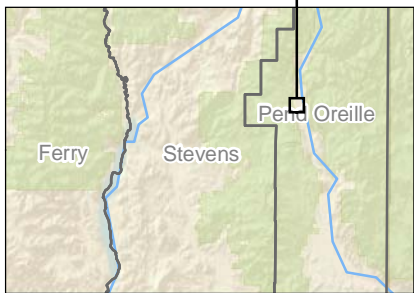
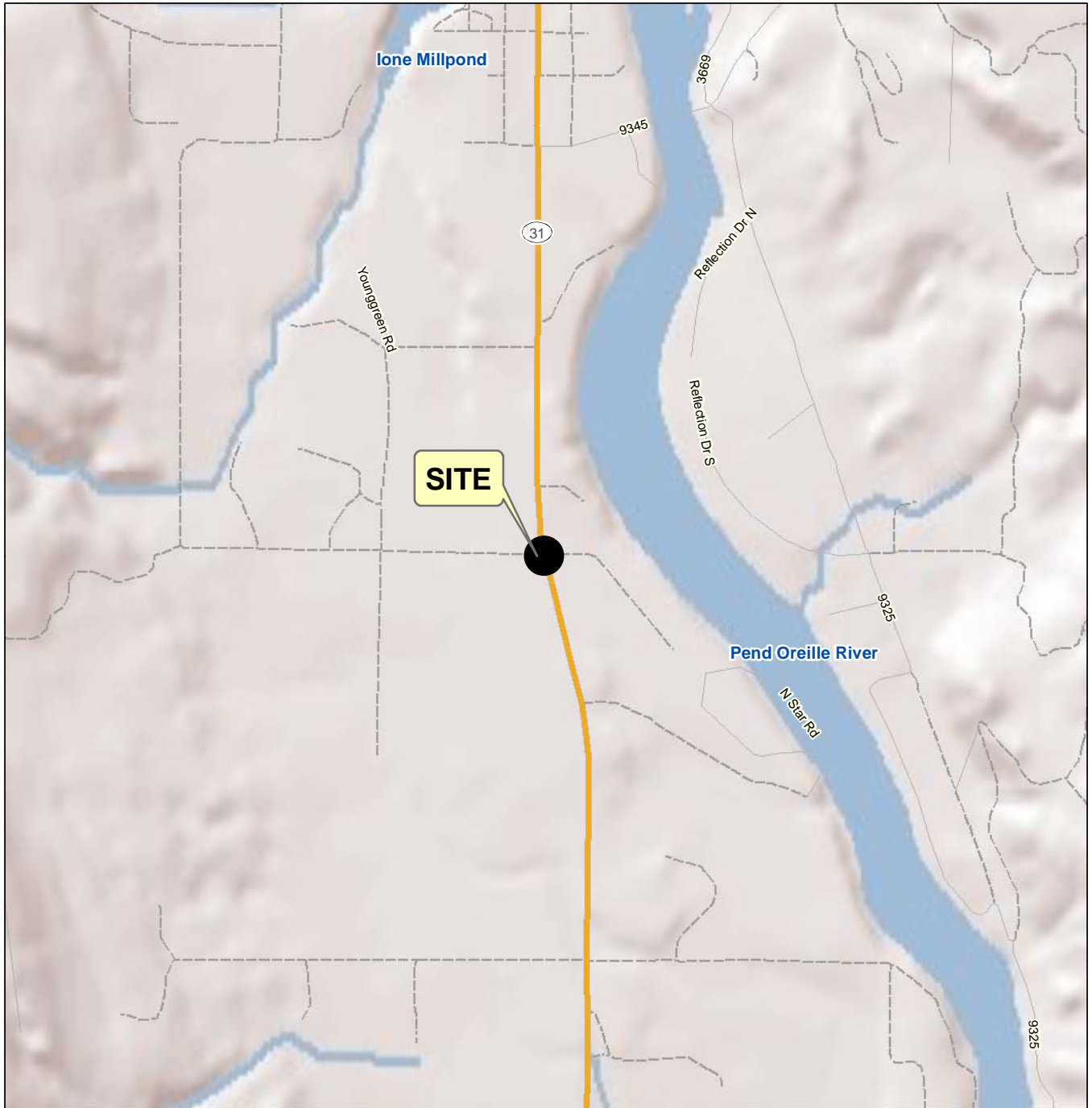
²Depth to water measurements referenced to the top of PVC casing.

[https://projects.geoengineers.com/sites/0050405800/Final/Report/\[Ione_Tables.xlsx\]Table 7](https://projects.geoengineers.com/sites/0050405800/Final/Report/[Ione_Tables.xlsx]Table 7)

Map Revised: 09/09/2010 CRC


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Office: SPO



Notes:

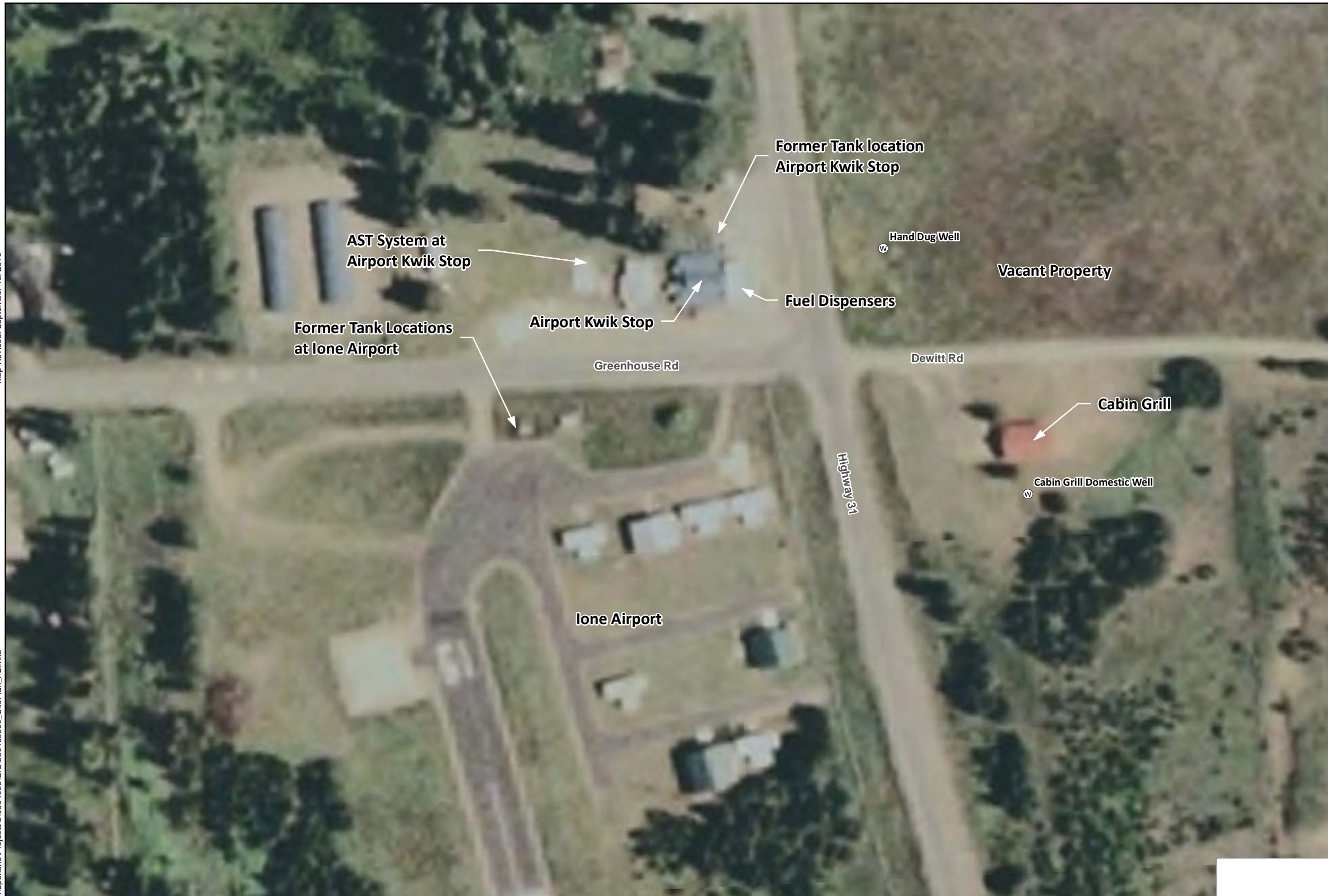
- 1. The locations of all features shown are approximate.
- 2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication. Data Sources: ESRI Data & Maps, Street Maps 2008. Projection: NAD 1983, UTM Zone 11 North.

| | |
|--|-----------------|
| Vicinity Map | |
| Ione Petroleum Contamination Ione, Washington | |
|  | Figure 1 |

Map Revised: September 13, 2010

Path: W:\Spokane\Projects\0504058\GIS\050405800_SitePlan_F2.mxd

Office Location: SPO



Legend


Ⓜ Existing Water Well

Reference: Bing Maps aerial from ESRI, Online Data Resource Center.
ESRI Data & Maps, Street Maps 2008

Notes:

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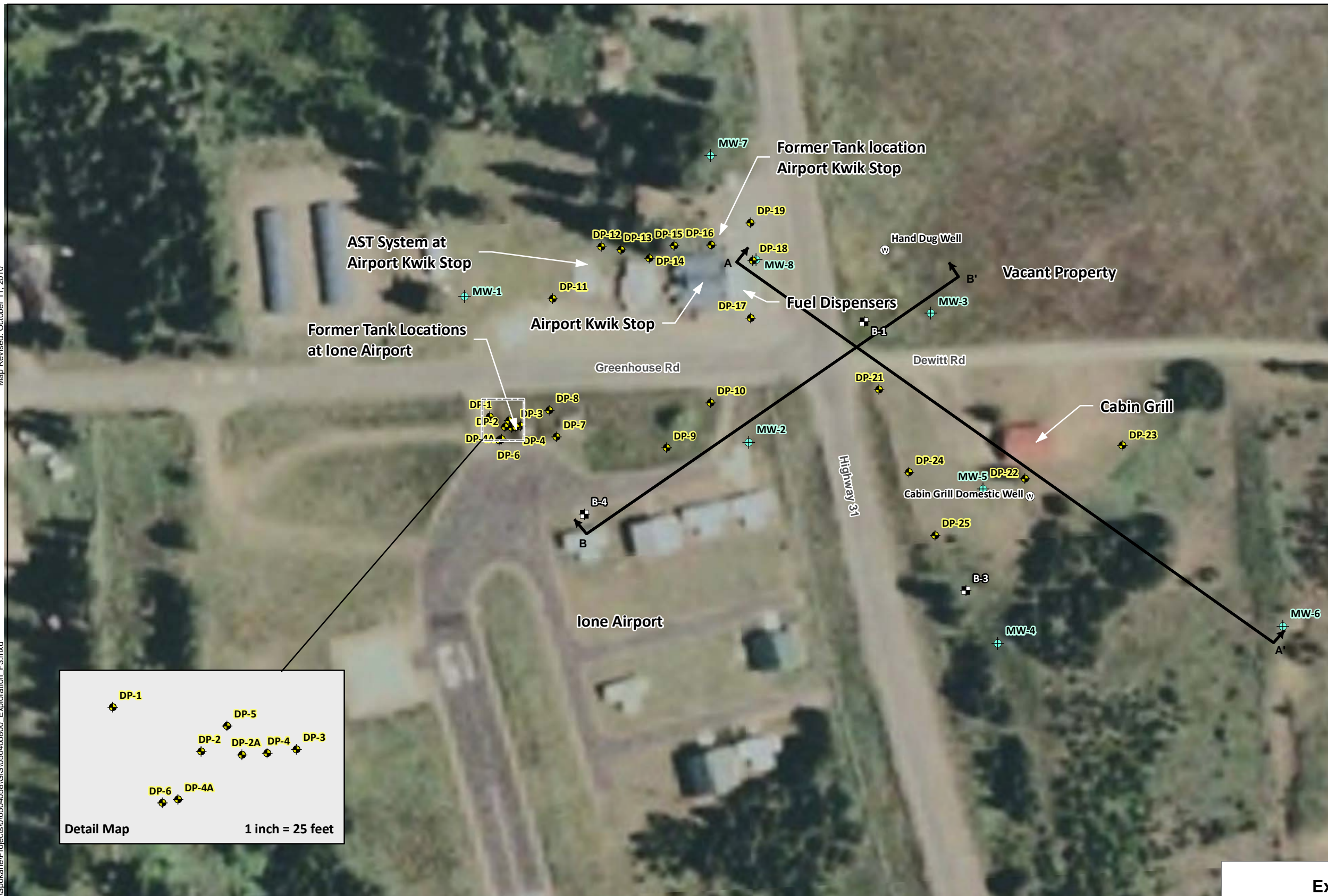


| | |
|---|-----------------|
| Site Plan | |
| Ione Petroleum Contamination Ione, Washington | |
|  | Figure 2 |

Map Revised: October 11, 2010

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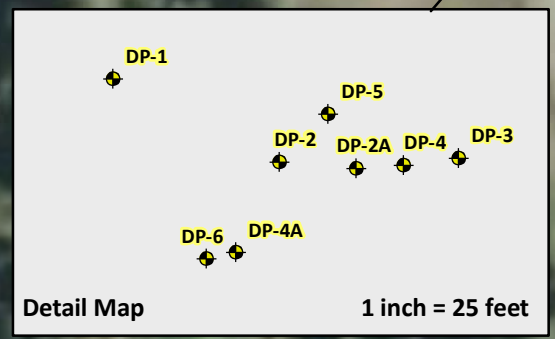
Office Location: SPO



Legend

- DP-1 Direct-Push Boring Number and Approximate Location
- BA-1 Hollow-Stem Auger Boring Number and Approximate Location
- MW-1 Monitoring Well Number and Approximate Location
- W Existing Water Well

A A' Cross Section



Reference: Bing Maps aerial from ESRI, Online Data Resource Center.
 ESRI Data & Maps, Street Maps 2008

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.

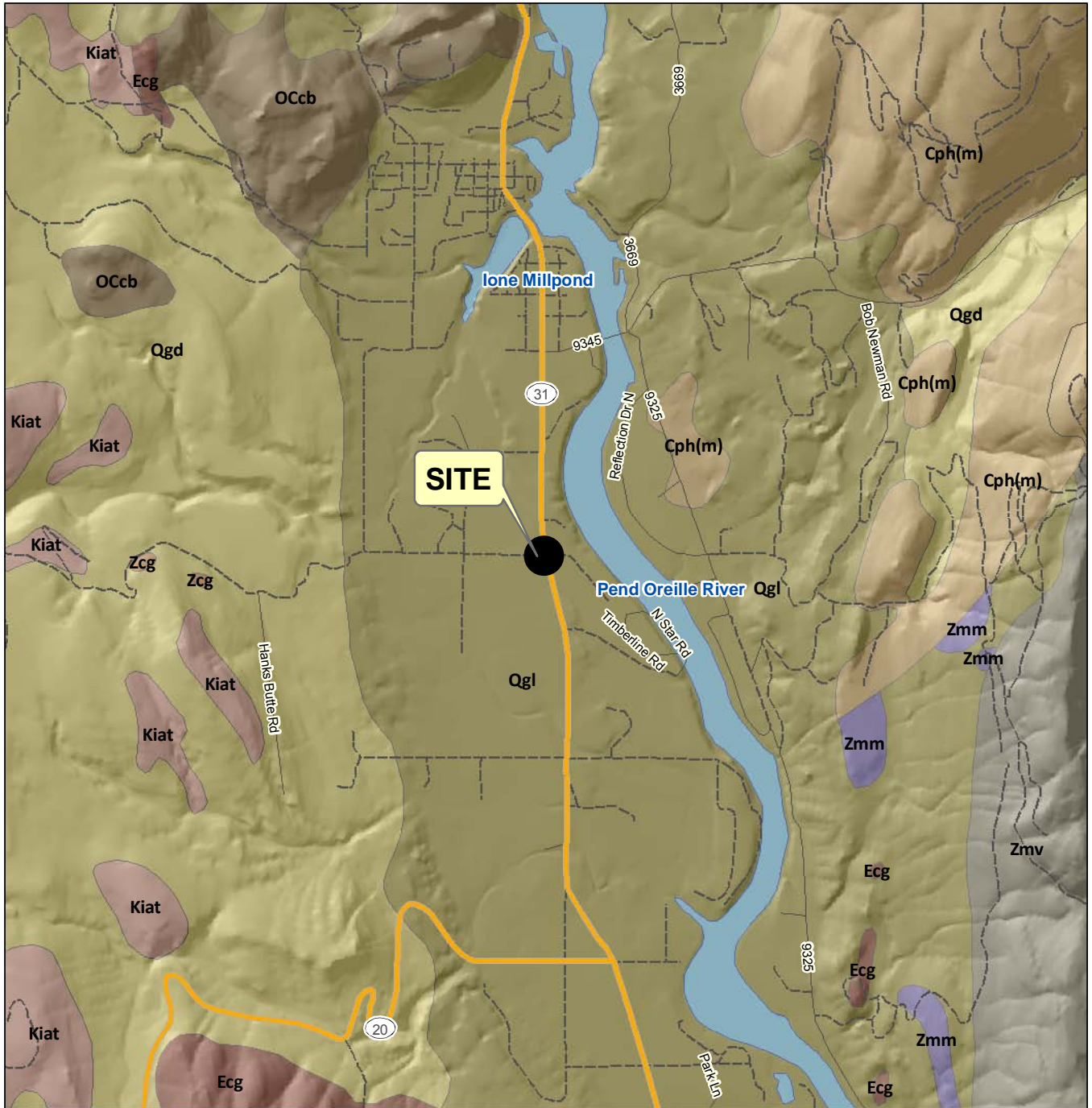


| | |
|--|-----------------|
| Exploration Locations | |
| Ione Petroleum Contamination Ione, Washington | |
| | Figure 3 |

Map Revised: 09/13/2010 CRC

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Office: SPO



Surficial Geology

Map Label, Lithology

- Qgd: Quaternary – age continental glacial drift, Fraser-age
- Qgl: Quaternary – age glaciolacustrine deposits, Fraser-age
- Ecg: Eocene – age conglomerate
- Kiat: Cretaceous – age granite

- OCcb: Ordovician – age metacarbonate
- Cph(m): Cambrian – age phyllite
- Zcg: Pre-Cambrian – age metaconglomerate
- Zmm: Pre-Cambrian – age metasedimentary rocks
- Zmv: Pre-Cambrian - age metavolcanic rocks
- Water



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. Geology from WA DNR. Hillshade derived from USGS 10 meter DEM. Projection: NAD 1983, UTM Zone 11 North.

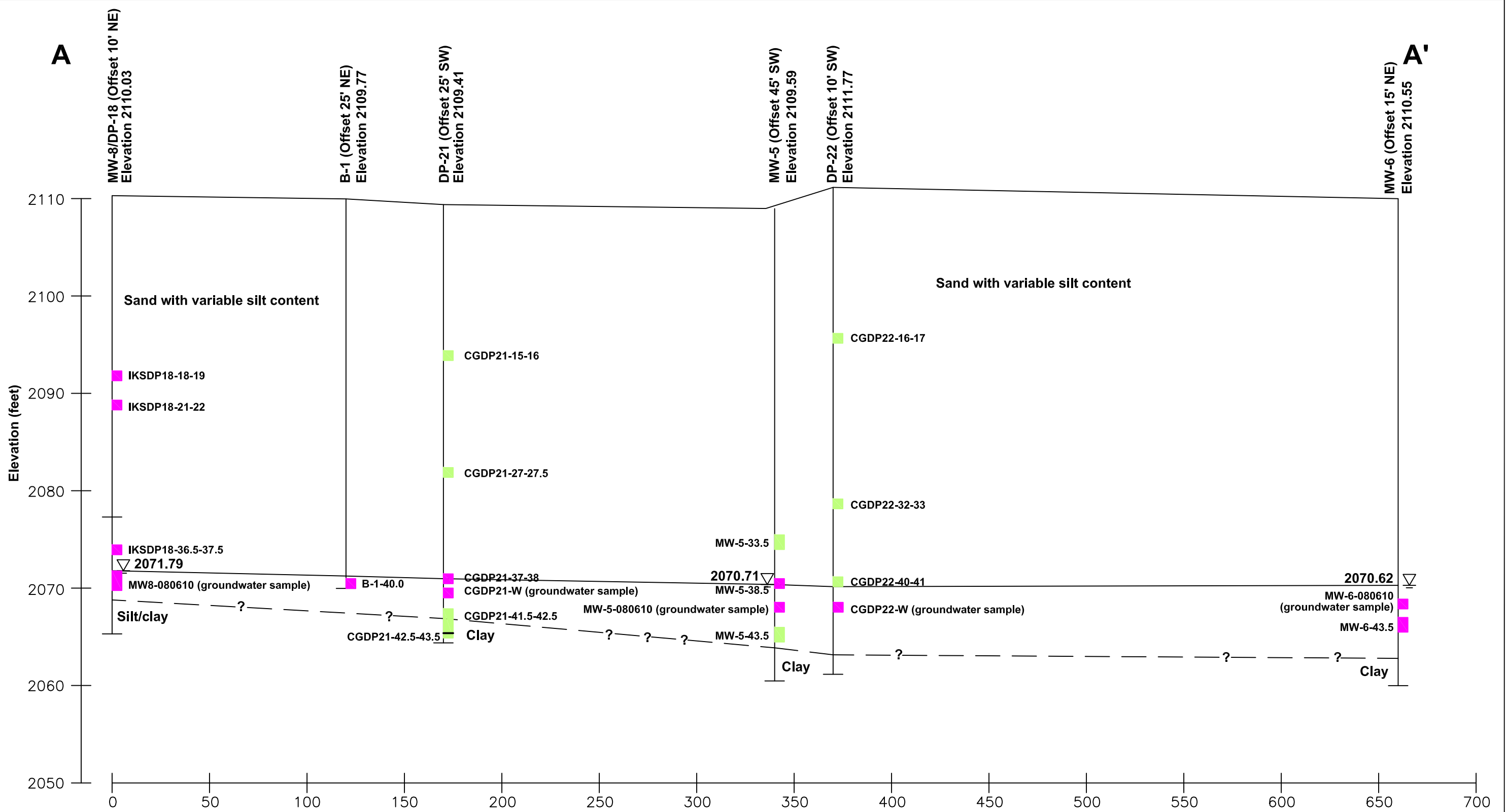
Surficial Geology Map

Ione Petroleum Contamination
Ione, Washington



Figure 4

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 OFFICE:SPK PM DRL




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. can not 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. This cross section is a diagrammatic interpretation of subsurface conditions based on interpretation of data from widely spaced explorations. Actual conditions are substantially more complex than depicted. GeoEngineers does not represent the conditions illustrated as exact.

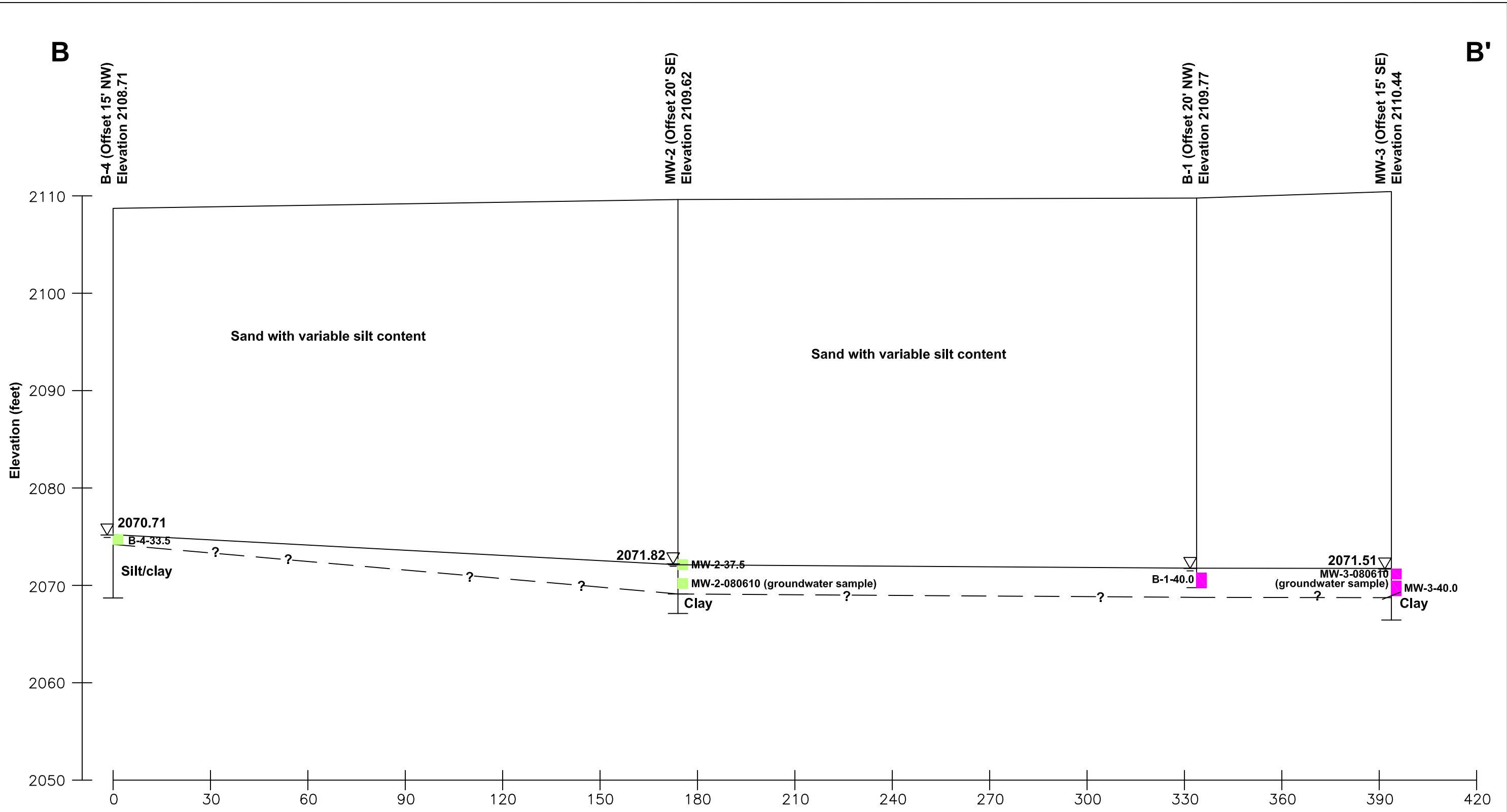
Legend

- Green square: Contaminants not detected at concentrations greater than MTCA Method A cleanup levels
- Pink square: Contaminants detected at concentrations greater than MTCA Method A cleanup levels

SCALE
 Vertical Scale: 1" = 10'
 Horizontal Scale: 1" = 50'

| | |
|---|-----------------|
| Cross Section A-A' | |
| Ione Petroleum Contamination Ione, Washington | |
| GEOENGINEERS  | Figure 5 |


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OFFICE:SPDK PM DRL

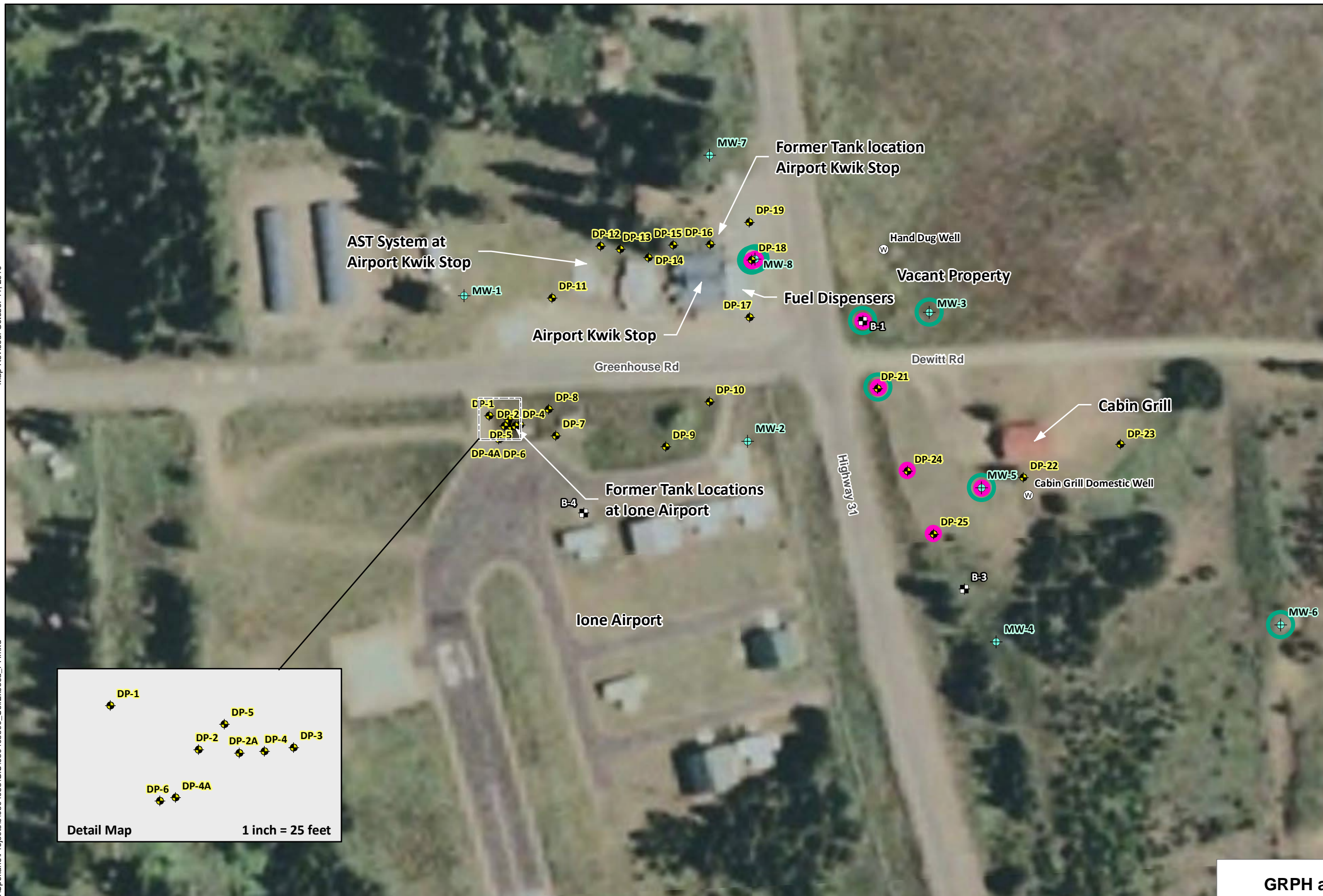


Notes:
 1. The locations of all features shown are approximate.
 2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
 3. This cross section is a diagrammatic interpretation of subsurface conditions based on interpretation of data from widely spaced explorations. Actual conditions are substantially more complex than depicted. GeoEngineers does not represent the conditions illustrated as exact.

Legend
 [Green Square] Contaminants not detected at concentrations greater than MTCA Method A cleanup levels
 [Pink Square] Contaminants detected at concentrations greater than MTCA Method A cleanup levels

SCALE
 Vertical Scale: 1" = 10'
 Horizontal Scale: 1" = 30'

| | |
|---|-----------------|
| Cross Section B-B' | |
| Ione Petroleum Contamination Ione, Washington | |
| GEOENGINEERS  | Figure 6 |



- Legend**
- DP-1 Direct-Push Boring Number and Approximate Location
 - B-1 Hollow-Stem Auger Boring Number and Approximate Location
 - MW-1 Monitoring Well Number and Approximate Location
 - Existing Water Well
 - GRPH Detected in Soil Samples at Concentrations Greater Than MTCA Method A Cleanup Levels.
 - BTEX Detected in Soil Samples at Concentrations Greater Than MTCA Method A Cleanup Levels.

GRPH and BTEX in Soil Samples

Ione Petroleum Contamination
Ione, Washington

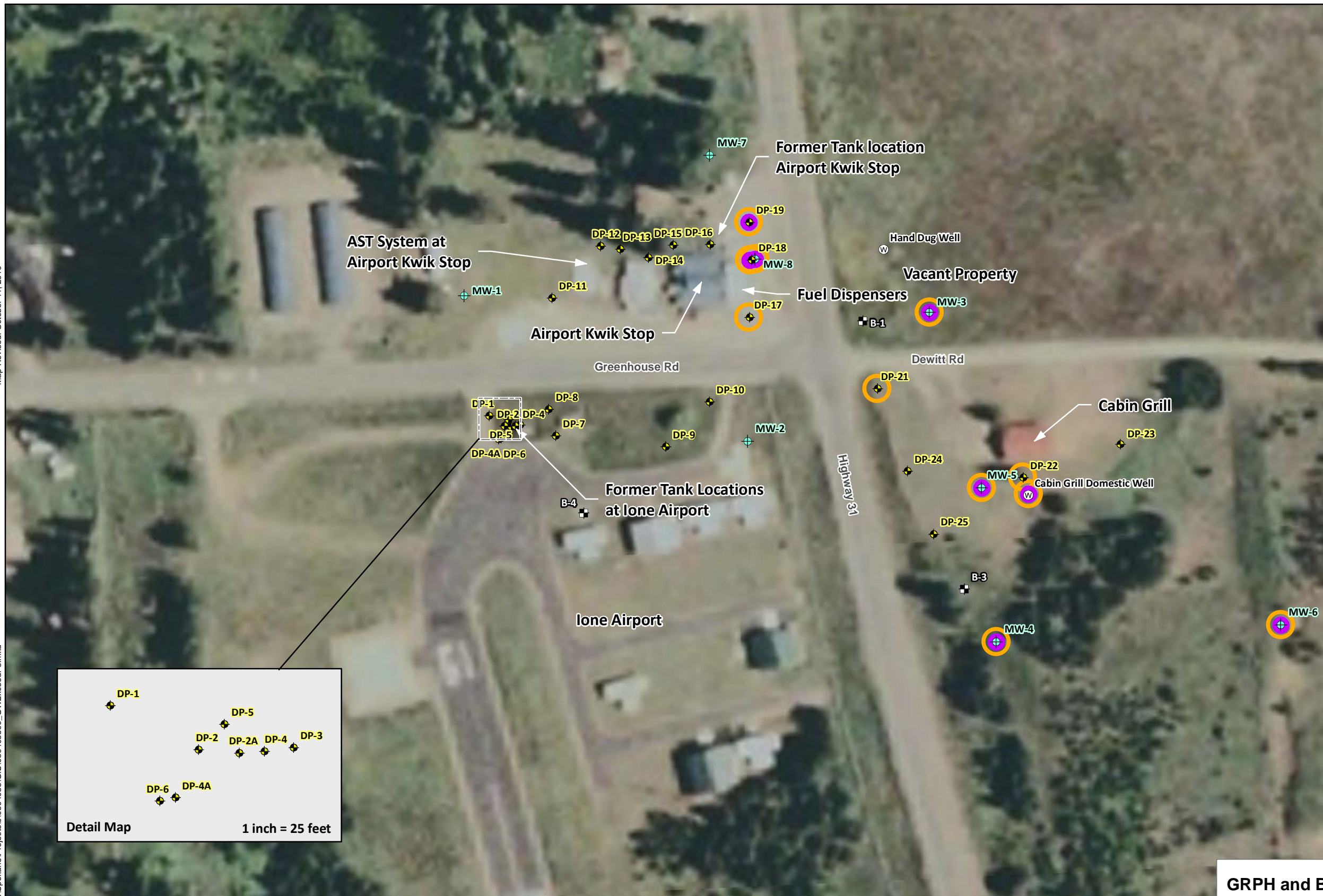
GEOENGINEERS

Figure 7

Reference: Bing Maps aerial from ESRI, Online Data Resource Center.
ESRI Data & Maps, Street Maps 2008

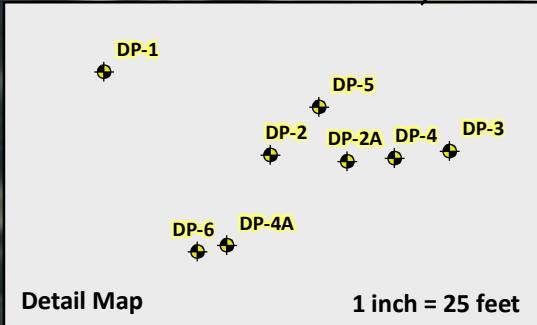


Notes:
 1. The locations of all features shown are approximate.
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Legend

- DP-1 Approximate Location of Direct-Push Boring
- B-1 Approximate Location of Exploration
- MW-1 Approximate Location of Monitoring Well
- W Existing Water Well
- GRPH Detected in Groundwater Samples at Concentrations Greater Than MTCA Method A Cleanup Levels.
- BTEX Detected in Groundwater Samples at Concentrations Greater Than MTCA Method A Cleanup Levels.



Reference: Bing Maps aerial from ESRI, Online Data Resource Center.
 ESRI Data & Maps, Street Maps 2008

Notes:
 1. The locations of all features shown are approximate.
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GRPH and BTEX in Groundwater Samples

lone Petroleum Contamination
 lone, Washington

GEOENGINEERS

Figure 8

SOIL CLASSIFICATION CHART

| MAJOR DIVISIONS | | | SYMBOLS | | TYPICAL DESCRIPTIONS |
|---|---|--|-----------|---|---|
| | | | GRAPH | LETTER | |
| COARSE GRAINED SOILS MORE THAN 50% RETAINED ON NO. 200 SIEVE | GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE | CLEAN GRAVELS <small>(LITTLE OR NO FINES)</small> | | GW | WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES |
| | | GRAVELS WITH FINES <small>(APPRECIABLE AMOUNT OF FINES)</small> | | GP | POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES |
| | | CLEAN SANDS <small>(LITTLE OR NO FINES)</small> | | GM | SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES |
| | | SANDS WITH FINES <small>(APPRECIABLE AMOUNT OF FINES)</small> | | GC | CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES |
| | SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE | CLEAN SANDS <small>(LITTLE OR NO FINES)</small> | | SW | WELL-GRADED SANDS, GRAVELLY SANDS |
| | | SANDS WITH FINES <small>(APPRECIABLE AMOUNT OF FINES)</small> | | SP | POORLY-GRADED SANDS, GRAVELLY SAND |
| | | SANDS WITH FINES <small>(APPRECIABLE AMOUNT OF FINES)</small> | | SM | SILTY SANDS, SAND - SILT MIXTURES |
| | | SANDS WITH FINES <small>(APPRECIABLE AMOUNT OF FINES)</small> | | SC | CLAYEY SANDS, SAND - CLAY MIXTURES |
| FINE GRAINED SOILS MORE THAN 50% PASSING NO. 200 SIEVE | 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 | |
| | 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

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.

ADDITIONAL MATERIAL SYMBOLS

| SYMBOLS | | TYPICAL DESCRIPTIONS |
|---------|-----------|--------------------------------|
| GRAPH | LETTER | |
| | 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

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


| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 35 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2465813.077 North (Y): 643645.789 | | 4/26/2010 | | 31.0 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|------------------|-------|----------------------|----------------------|-----------------------|-------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log |
| 0 | | | | | | | | | | | SM | Brown silty fine sand (loose, moist) |
| 1 | 1 | 5 | 3.8 | | | NS | 0.0 | | | | | Becomes moist to wet at approximately 3 foot depth |
| 2 | | | | | | NS | 0.0 | | | | | |
| 3 | | | | | | NS | 0.2 | | | | | |
| 4 | | | | | | NS | 0.3 | | | | | |
| 5 | | | | | | NS | 0.2 | | | | | |
| 6 | | | | | | NS | 0.3 | | | | | |
| 7 | | | | | | NS | 0.2 | | | | | |
| 8 | | | | | | NS | 0.2 | | | | | |
| 9 | | | | | | NS | 0.2 | | | | | |
| 10 | | | | | | NS | 0.2 | | | | | |
| 11 | | | | | | NS | 0.2 | | | | | |
| 12 | | | | | | NS | 0.2 | | | | | |
| 13 | | | | | | NS | 0.2 | | | | | |
| 14 | | | | | | NS | 0.2 | | | | | |
| 15 | | | | | | NS | 0.2 | | | | | |
| 16 | | | | | | NS | 0.2 | | | | | |
| 17 | | | | | | NS | 0.2 | | | | | |
| 18 | | | | | | NS | 0.2 | | | | | |
| 19 | | | | | | NS | 0.2 | | | | | |
| 20 | | | | | | NS | 0.2 | | | | | |
| 21 | | | | | | NS | 0.2 | | | | | |
| 22 | | | | | | NS | 0.2 | | | | | |
| 23 | | | | | | NS | 0.2 | | | | | |
| 24 | | | | | | NS | 0.2 | | | | | |
| 25 | | | | | | NS | 0.2 | | | | | |
| 26 | | | | | | NS | 0.2 | | | | | |
| 27 | | | | | | NS | 0.2 | | | | | |
| 28 | | | | | | NS | 0.2 | | | | | |
| 29 | | | | | | NS | 0.2 | | | | | |
| 30 | | | | | | NS | 0.2 | | | | | |
| 31 | | | | | | NS | 0.2 | | | | | |
| 32 | | | | | | NS | 0.2 | | | | | |
| 33 | | | | | | NS | 0.2 | | | | | |
| 34 | | | | | | NS | 0.2 | | | | | |
| 35 | | | | | | NS | 0.2 | | | | | |
| | | | | | CA | IADP01-31.5-32.1 | | | | | | |

Boring completed at approximately 35 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

| | | |
|---|-------------------|------------------------------|
| Log of Boring DP-1 | | |
|  | Project: | Ione Petroleum Contamination |
| | Project Location: | Ione, Washington |
| | Project Number: | 0504-058-00 |
| | | Figure A-2 Sheet 1 of 1 |

| | | | | | | | | | |
|----------------------|-----------|-----------------------|----|---------------|---------------------|---------|------------------------|-----------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 10 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Drilling Equipment | | AMS 9500 VTR | | |
| East (X): 2465828.08 | | North (Y): 643634.738 | | Date Measured | Depth to Water (ft) | | Not Encountered | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------|-------|-------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | |
| 0 | | | | | | | | | | Brown silty fine sand with occasional layers of medium to coarse sand and organic matter (roots) (loose to medium dense, moist) Becomes loose, moist to wet at approximately 2 feet |
| | 1 | 5 | 3.6 | | | NS | 0.1 | | | |
| | | | | | | NS | 0.1 | | | |
| 5 | | | | | | NS | 0.1 | | | |
| | 2 | 5 | 3.6 | | | NS | 0.1 | | | |
| | | | | | | NS | 0.1 | | | |
| 10 | | | | | | | | | | Boring completed at approximately 10 foot depth and backfilled with bentonite |

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-2



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-3
 Sheet 1 of 1

| | | | | | | | | | |
|---|-----------|------------------|---|-----------|---------------------|---------|------------------------|-----------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 5 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Drilling Equipment | | AMS 9500 VTR | | |
| East (X): 2465834.712 North (Y): 643634.283 | | Date Measured | | | Depth to Water (ft) | | Not Encountered | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------|-------|-----------------------|----------------------|-------------|-------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | Headspace Vapor (ppm) | | Water Level | Graphic Log | Group Classification |
| 0 | | | | | | | | | | | SM | Brown silty fine sand with occasional layers of medium to coarse sand and organic matter (roots) (loose to medium dense, moist) |
| 1 | | 5 | 3.6 | | | | NS | 0.0 | | | | |
| 5 | | | | | | | NS | 0.0 | | | | |

Boring completed at approximately 5 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-2A



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|---|-----------|------------------|----|------------|-----|---------------|------------------------|---------------------|-------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 35 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Checked By | | Date Measured | | Depth to Water (ft) | |
| East (X): 2465843.632 North (Y): 643635.834 | | Not Observed | | JDL | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | | | | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|----------------|-------------|-------|-----------------------|-------------|-------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | Headspace Vapor (ppm) | Water Level | Graphic Log | | Group Classification |
| 0 | | | | | | | | | | | SM | Brown silty fine sand with silt (loose to medium dense, moist to wet) |
| 1 | 1 | 5 | 3.6 | | | | NS | 0.0 | | | | |
| 2 | 2 | 5 | 4 | | | | NS | 0.0 | | | | |
| 3 | 3 | 5 | 3.4 | | | | NS | 3.0 | | | SP | Brown fine sand with trace silt (medium dense, moist to wet) |
| 4 | 4 | 5 | 3.7 | CA | IADP03-18-18.7 | | NS | 4.0 | | | | Slight odor |
| 5 | 5 | 5 | 3.4 | | | | NS | 6.0 | | | | |
| 6 | 6 | 5 | 3.5 | | | | NS | 12.6 | | | | |
| 7 | 7 | 5 | 3.7 | CA | IADP03-30-31 | | NS | 13.3 | | | SP | Brown medium to coarse sand with gravel and trace silt (medium dense to dense, moist to wet) |
| 8 | | | | | | | NS | 13.7 | | | | |
| 9 | | | | | | | NS | 16.2 | | | | |
| 10 | | | | | | | NS | 13 | | | | |
| 11 | | | | | | | NS | | | | | |
| 12 | | | | | | | NS | | | | | |
| 13 | | | | | | | NS | | | | | |
| 14 | | | | | | | NS | | | | | |
| 15 | | | | | | | NS | | | | | |
| 16 | | | | | | | NS | | | | | |
| 17 | | | | | | | NS | | | | | |
| 18 | | | | | | | NS | | | | | |
| 19 | | | | | | | NS | | | | | |
| 20 | | | | | | | NS | | | | | |
| 21 | | | | | | | NS | | | | | |
| 22 | | | | | | | NS | | | | | |
| 23 | | | | | | | NS | | | | | |
| 24 | | | | | | | NS | | | | | |
| 25 | | | | | | | NS | | | | | |
| 26 | | | | | | | NS | | | | | |
| 27 | | | | | | | NS | | | | | |
| 28 | | | | | | | NS | | | | | |
| 29 | | | | | | | NS | | | | | |
| 30 | | | | | | | NS | | | | | |
| 31 | | | | | | | NS | | | | | |
| 32 | | | | | | | NS | | | | | |
| 33 | | | | | | | NS | | | | | |
| 34 | | | | | | | NS | | | | | |
| 35 | | | | | | | NS | | | | | |

Boring completed at approximately 35 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-3



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|-----------------------|-----------|-----------------------|---|---------------|---------------------|---------|------------------------|-----------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 5 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Drilling Equipment | | AMS 9500 VTR | | |
| East (X): 2465838.879 | | North (Y): 643634.865 | | Date Measured | Depth to Water (ft) | | Not Encountered | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------|----------------|-----------------------|----------------------|-------------|-------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | Headspace Vapor (ppm) | | Water Level | Graphic Log | Group Classification |
| 0 | | | | | | | | | | | SM | Brown silty fine sand with occasional layers of black organic matter approximately 2½ inches thick (loose to medium dense, moist) |
| | 1 | 5 | 3.5 | | | | NS NS NS | 0.0 0.0 | | | | Becomes moist to wet at approximately 2½ feet |
| 5 | | | | | | | | | | | | Boring completed at approximately 5 foot depth and backfilled with bentonite |

Note: See Figure A-1 for explanation of symbols.

Log of Boring DP-4



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

| | | | | | | | | | |
|-----------------------|-----------|------------------|---|-----------|---------------------|---------|------------------------|-----------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 5 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Drilling Equipment | | AMS 9500 VTR | | |
| East (X): 2465824.515 | | Date Measured | | | Depth to Water (ft) | | Not Encountered | | |
| North (Y): 643622.255 | | | | | | | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | | Group Classification | MATERIAL DESCRIPTION | | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------|-------|-----------------------|----------------------|----------------------|--|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | Headspace Vapor (ppm) | | | Water Level | Graphic Log |
| 0 | | | | | | | | | | | SM | Brown silty fine sand (loose to medium dense, moist) (fill) |
| 1 | 1 | 5 | 3.5 | | | | NS | 0.0 | | | | |
| 5 | | | | | | | NS | 0.0 | | | | Black organic matter (woody material and charcoal) |
| | | | | | | | | | | | Boring completed at approximately 5 foot depth and backfilled with bentonite | |

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBTTemplate\LibTemplate\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-4A



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 35 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2465832.194 North (Y): 643641.176 | | 4/26/2010 | | 33.0 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|------------------|-------------|-------|-----------------------|----------------------|----------------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | Headspace Vapor (ppm) | | | Water Level |
| 0 | | | | | | | | | | SM | Brown silty fine sand (loose, moist) |
| 1 | 1 | 5 | 3.6 | | | NS | 0.2 | | | | Becomes medium dense |
| 2 | | | | | | NS | 0.2 | | | | Becomes moist to wet at approximately 5 feet |
| 3 | 2 | 5 | 4.1 | | | NS | | | | SP | Brown fine sand with occasional interbeds of silty sand (medium dense, moist) |
| 4 | | | | | | NS | 5.9 | | | | Slight petroleum odor at approximately 12½ feet |
| 5 | 3 | 5 | 2.5 | | | NS | 11.5 | | | | Petroleum odor at approximately 15½ feet |
| 6 | | | | | | NS | 12.5 | | | | |
| 7 | 4 | 5 | 3.5 | CA | IADP05-17.5-18.5 | NS | 7.7 | | | | |
| 8 | | | | | | NS | 6.6 | | | | |
| 9 | | | | | | NS | 11.3 | | | | |
| 10 | | | | | | NS | 18.4 | | | | |
| 11 | | | | | | NS | 2.2 | | | | |
| 12 | 5 | 5 | 3.2 | | | NS | 2.2 | | | SP | Brown medium sand with trace silt (medium dense, moist) |
| 13 | | | | | | NS | 2.1 | | | | |
| 14 | | | | | | NS | 1.2 | | | SP | Brown medium to coarse sand with gravel and trace silt (medium dense, moist) |
| 15 | | | | | | NS | 1.3 | | | | Slight petroleum odor |
| 16 | 6 | 5 | 3.2 | | | NS | 1.2 | | | | |
| 17 | | | | | | NS | 1.2 | | | | |
| 18 | | | | | | NS | 0 | | | | |
| 19 | 7 | 5 | 3.7 | CA | IADP05-32-33.3 | NS | 0 | | | CH | Gray clay (stiff, moist) |
| 20 | | | | | | NS | 0 | | | | |

Boring completed at approximately 35 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\050617_SONIC.LOG

Log of Boring DP-5



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|----------------------|-----------|-----------------------|----|---------------|-----|---------------------|------------------------|-----------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 35 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Checked By | | JDL | | AMS 9500 VTR | |
| East (X): 2465822.45 | | North (Y): 643621.497 | | Date Measured | | Depth to Water (ft) | | Not Observed | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|--------------|-------|----------------------|----------------------|-----------------------|-------------|---|--------------------------|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log | |
| 0 | | | | | | | | | | | SM | Brown silty fine sand (loose to medium dense, moist) | |
| 1 | 1 | 5 | 3.7 | | | | NS | 0.0 | | | | Brown fine sand with trace silt (loose to medium dense, moist to wet) | |
| 2 | 2 | 5 | 3.9 | | | | NS | 0.0 | | | | | |
| 3 | 3 | 5 | 2.8 | | | | NS | 0.0 | | | | Brown fine to medium sand with trace silt (medium dense, moist) | |
| 4 | 4 | 5 | 3 | | | | NS | 0.0 | | | | | |
| 5 | 5 | 5 | 3 | | CA | IADP06-25-26 | NS | 0.0 | 0.4 | | | Brown medium to coarse sand with gravel and trace silt (dense, moist) | |
| 6 | 6 | 5 | 2.6 | | | | NS | 0.0 | | | | | |
| 7 | 7 | 5 | 2.6 | | | | NS | 0.0 | | | | CH | Gray clay (stiff, moist) |

Boring completed at approximately 35 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-6



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-9
 Sheet 1 of 1

| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 35 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2465878.404 North (Y): 643624.531 | | 4/26/2010 | | 32.0 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------|-------|-------------|----------------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | |
| 0 | | | | | | | | | | ML Whitish brown silt (loose, dry) |
| 1 | 1 | 5 | 3.8 | | | NS | 0.0 | | | SM Brown silty fine sand (loose, moist) |
| 5 | | | | | | NS | 0.0 | | | Becomes moist to wet at approximately 3 feet |
| 2 | 2 | 5 | 3.7 | | | NS | 0.0 | | | |
| 10 | | | | | | NS | 0.0 | | | SP Brown fine sand with trace silt (loose to medium dense, moist) |
| 3 | 3 | 5 | 2.7 | | | NS | 0.0 | | | |
| 15 | | | | | | NS | 0.0 | | | |
| 4 | 4 | 5 | 2.8 | | | NS | 0.0 | | | |
| 20 | | | | | | NS | 0.0 | | | |
| 5 | 5 | 5 | 2.9 | | CA | NS | 0.0 | | | SP Brown medium to coarse sand with trace silt (medium dense, moist) |
| 25 | | | | | | NS | 0.0 | | | Becomes wet at approximately 32 feet |
| 6 | 6 | 5 | 2.8 | | | NS | 0.0 | | | CH Gray fat clay (stiff, moist to wet) |
| 30 | | | | | | NS | 0.2 | | | Becomes wet at approximately 32 feet |
| 7 | 7 | 5 | 3.5 | | CA | NS | 0.2 | | | Gray fat clay (stiff, moist to wet) |
| 35 | | | | | | | | | | Boring completed at approximately 35 foot depth and backfilled with bentonite |

Note: See Figure A-1 for explanation of symbols.

Log of Boring DP-7



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-10
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT Template\Lib\Template\GEOENGINEERS.GDT\0506117_SONIC.LOG

| | | | | | | | | | |
|---|-----------|------------------|----|------------|-----|---------------|------------------------|---------------------|-------------|
| Drilled | 4/26/2010 | Total Depth (ft) | 35 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Checked By | | Date Measured | | Depth to Water (ft) | |
| East (X): 2465872.358 North (Y): 643651.204 | | Not Observed | | JDL | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | | |
|--------------|--------------------|------------|-----------------|-----------------------|------------------|-------------|-------|----------------------|----------------------|-----------------------|-------------|--|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log | |
| 0 | | | | | | | | | | | SM | Brown silty fine sand with organic matter (roots) (loose to medium dense, moist) | |
| 1 | 1 | 5 | 3.7 | | | | NS | 0.0 | | | | | |
| 5 | | | | | | | NS | 0.0 | | | | Becomes moist to wet at approximately 5 feet | |
| 2 | 2 | 5 | 3.9 | | | | NS | 0.0 | | | | | |
| 10 | | | | | | | NS | 0.0 | | | | | |
| 3 | 3 | 5 | 3.5 | | | | NS | 0.0 | | | | SP | Brown fine sand with trace silt (loose to medium dense, moist to wet) |
| 15 | | | | | | | NS | 0.0 | | | | | |
| 4 | 4 | 5 | 3.2 | | | | NS | 0.0 | | | | | |
| 20 | | | | | | | NS | 0.0 | | | | | |
| 5 | 5 | 5 | 2.9 | | | | NS | 0.0 | | | | ML | Brown silt with fine sand (stiff, moist) |
| 25 | | | | | | | NS | 0.0 | | | | SP | Brown medium sand with trace silt (medium dense to dense, moist) |
| 6 | 6 | 5 | 2.3 | | | | NS | 0.0 | | | | SP | Brown medium to coarse sand with gravel and trace silt (medium dense to dense, moist to wet) |
| 30 | | | | | | | NS | 0.0 | | | | | |
| 7 | 7 | 5 | 3.2 | CA | IADP08-31.5-32.5 | | NS | 0.0 | | | | CH | Gray clay (medium stiff, moist to wet) |
| 35 | | | | | | | NS | 0.0 | | | | | |

Note: See Figure A-1 for explanation of symbols.

Log of Boring DP-8



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-11
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 39 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2465987.897 North (Y): 643611.094 | | 4/27/2010 | | 35.5 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------|-------|----------------------|----------------------|-----------------------|-------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log |
| 0 | | | | | | | | | | | SM | Brown silty fine sand (loose, moist to wet) |
| 1 | 5 | 3.8 | | | | NS | 0.0 | | | | | |
| 2 | 5 | 3.6 | | | | NS | 0.0 | | | | SP | Brown fine to medium sand with trace silt (medium dense, moist) |
| 3 | 5 | 3.1 | | | | NS | 0.0 | | | | | Grades to fine sand with trace silt |
| 4 | 5 | 3.2 | | | | NS | 0.0 | | | | | |
| 5 | 5 | 2.9 | | | | NS | 0.0 | | | | SP | Brown medium sand with trace silt (loose to medium dense, moist to wet) |
| 6 | 5 | 2.8 | | | | NS | 0.0 | | | | SP | Brown medium to coarse sand with gravel and trace silt (dense to medium dense, moist) |
| 7 | 5 | 3.5 | CA | IADP09-32.5-33.5 | | NS | 0.0 | | | | | |
| 8 | 4 | 4 | | | | NS | 0.0 | | | | CL | Brown clay (soft, wet) |
| | | | | | | | | | | | ML | Becomes wet at approximately 35½ feet Gray silt (soft, wet) |

Boring completed at approximately 39 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-9



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|-----------------------|-----------|-----------------------|------|-----------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 36.5 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2466031.413 | | North (Y): 643655.967 | | Not Encountered | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|------------------|-------------|-------|-------------|----------------------|----------------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | SM | Brown silty fine sand with organic matter (loose to medium dense, moist) |
| 1 | 1 | 5 | 3.8 | | | NS | 0.0 | | | SM | Brown silty fine sand (loose to medium dense, moist) |
| 5 | | | | | | NS | 0.0 | | | | Becomes moist to wet with decrease in silt content at approximately 3 to 3 1/2 feet |
| 10 | 2 | 5 | 3.1 | | | NS | 0.0 | | | | |
| 15 | | | | | | NS | 0.0 | | | SP | Brown fine sand with trace silt (loose to medium dense, moist) |
| 20 | 3 | 5 | 3.6 | | | NS | 0.0 | | | | Grades to medium dense at approximately 15 feet |
| 25 | | | | | | NS | 0.0 | | | | |
| 30 | 4 | 5 | 2.7 | | | NS | 0.0 | | | | |
| 35 | | | | | | NS | 0.0 | | | SP | Brown medium sand with trace silt (loose, moist) |
| | 5 | 5 | 3.4 | | | NS | 0.0 | | | | |
| | | | | | | NS | 0.0 | | | SP | Brown medium to coarse sand with gravel and trace silt (medium dense, moist) |
| | 6 | 5 | 3 | | | NS | 0.0 | | | | |
| | | | | | | NS | 0.0 | | | | |
| | 7 | 6.5 | 4.5 | CA | IADP10-33-34 1/2 | NS | 0.0 | | | | |
| | | | | | | NS | 0.0 | | | | |

Boring completed at approximately 36 1/2 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-10



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-13
 Sheet 1 of 1

| | | | | | | | | | |
|---|-----------|------------------|---|-----------|---------------------|---------|------------------------|-----------------|-------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 5 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Drilling Equipment | | AMS 9500 VTR | | |
| East (X): 2465877.317 North (Y): 643761.042 | | Date Measured | | | Depth to Water (ft) | | Not Encountered | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION |
|--------------|--------------------|------------|-----------------|-----------------------|-----------------|-------------|-------|-------------|----------------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | |
| 0 | | | | | | | | | | Approximately 2½ inches brown silty fine sand with gravel and organic matter (roots) (loose, dry) (topsoil) |
| 1 | 1 | 5 | 3.5 | CA | IKSDP11-2.5-3.5 | NS | 0.0 | | | Brown silty fine sand (loose, moist to wet) |
| 5 | | | | | | NS | 0.0 | | | |

Boring completed at approximately 5 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Log of Boring DP-11



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 35 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2465924.299 North (Y): 643811.517 | | 4/27/2010 | | 32.0 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-----------------|-------|-------------|----------------------|----------------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | SM | Approximately 1 inch brown silty fine sand with organic matter (roots) (loose, dry) (topsoil) |
| | | 1 | 5 | 3.7 | | | NS | 0.0 | | SM | Brown silty fine sand with trace organic matter (roots) (loose, moist) |
| 5 | | | | | | | NS | 0.0 | | | |
| | | 2 | 5 | 3.3 | | | NS | 0.0 | | SP | Brown fine sand with organic matter (loose, moist) |
| 10 | | | | | | | NS | 0.0 | | | |
| | | 3 | 5 | 3 | | | NS | 0.0 | | | |
| 15 | | | | | | | NS | 0.0 | | | |
| | | 4 | 5 | 3.1 | | | NS | 0.0 | | | |
| 20 | | | | | | | NS | 0.0 | | | |
| | | 5 | 5 | 3.3 | | | NS | 0.0 | | | |
| 25 | | | | | | | NS | 0.0 | | | |
| | | 6 | 5 | 3.2 | CA | IKSDP12-31-31.8 | NS | 0.0 | | | |
| 30 | | | | | | | NS | 0.0 | | | |
| | | 7 | 5 | 3.5 | | | NS | 0.0 | | ML/CL | Interbedded gray silt and clay (soft, wet) Becomes wet at approximately 32 feet |
| 35 | | | | | | | NS | 0.0 | | | |

Boring completed at approximately 35 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-12



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|---|-----------|------------------|----|-----------|---------------|---------|------------------------|-----------------|--------------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 10 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Date Measured | | Depth to Water (ft) | | Drilling Equipment |
| East (X): 2465943.793 North (Y): 643808.701 | | Not Encountered | | | | | AMS 9500 VTR | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION |
|--------------|---|------------|-----------------|-----------------------|---------|-------------|-------|-------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | |
| 0 | | | | | | | | | TS | Approximately 1 inch silty fine sand with organic matter (loose, moist) (topsoil) |
| | | 1 | 5 | 4 | | | | | SM | Brown silty fine sand with occasional organic matter (roots) (medium dense, moist) |
| 5 | | | | | CA | IKSDP13-5-6 | | | | |
| | | 2 | 5 | 3 | | | | | SP | Brown fine sand with trace silt (loose, moist) |
| 10 | Boring completed at approximately 10 foot depth and backfilled with bentonite | | | | | | | | | |

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-13



Project: Lone Petroleum Contamination
 Project Location: Lone, Washington
 Project Number: 0504-058-00


| | | | | | | | | | |
|---|-----------|------------------|----|-----------|-----------------|---------|------------------------|-----------------|--------------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 20 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Date Measured | | Depth to Water (ft) | | Drilling Equipment |
| East (X): 2465972.104 North (Y): 643799.221 | | | | | Not Encountered | | | | AMS 9500 VTR |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------------|-------|-------------|----------------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | TS | Approximately 2½ inches silty fine sand with organic matter (loose, moist) (topsoil) |
| 1 | 1 | 5 | 3.6 | | | | NS | 0.0 | | SM/GP/SP | Alternating layers of brown silty fine sand, medium to coarse sand and fine gravel (loose to medium dense, moist) (fill) |
| 2 | | | | | | | NS | 0.0 | | SM | Brown silty fine sand with occasional organic matter (roots) (loose, moist) |
| 3 | | | | | | | NS | 0.0 | | | |
| 4 | | | | | | | NS | 0.0 | | | |
| 5 | | | | | | | NS | 0.0 | | | |
| 6 | | | | | | | NS | 0.0 | | | |
| 7 | | | | | | | NS | 0.0 | | | |
| 8 | | | | | | | NS | 0.0 | | | |
| 9 | | | | | | | NS | 0.0 | | | |
| 10 | | | | | | | NS | 0.0 | | | |
| 11 | | | | | | | NS | 0.0 | | | |
| 12 | | | | | | | NS | 0.0 | | | |
| 13 | | | | | | | NS | 0.0 | | | |
| 14 | | | | | | | NS | 0.0 | | | |
| 15 | | | | | | | NS | 0.0 | | | |
| 16 | | | | | | | NS | 0.0 | | | |
| 17 | | | | | | | NS | 0.0 | | | |
| 18 | | | | | | | NS | 0.0 | | | |
| 19 | | | | | | | NS | 0.0 | | | |
| 20 | | | | | CA | IKSDP14-17.5-18.5 | NS | 0.0 | | | |

Boring completed at approximately 20 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 8/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

| | | |
|---|-------------------|------------------------------|
| Log of Boring DP-14 | | |
|  | Project: | Ione Petroleum Contamination |
| | Project Location: | Ione, Washington |
| | Project Number: | 0504-058-00 |
| | | Figure A-17 Sheet 1 of 1 |

| | | | | | | | | | |
|---|-----------|------------------|----|-----------|---------------------|---------|------------------------|-----------------|-------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 20 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Drilling Equipment | | AMS 9500 VTR | | |
| East (X): 2465996.671 North (Y): 643811.912 | | Date Measured | | | Depth to Water (ft) | | Not Encountered | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|---------------|-------|-------------|----------------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | TS | Approximately 2 inches silty fine sand with organic matter (loose, moist) (topsoil) |
| | | 1 | 5 | 3.6 | | | NS | 0.0 | | SM | Brown silty fine sand (loose, moist) (fill) |
| | | | | | | | NS | 0.0 | | | |
| | | | | | | | NS | 0.0 | | | |
| 5 | | | | | | | NS | 0.0 | | SP | Brown fine sand with trace silt and organic matter (roots) (loose, moist) (fill) |
| | | 2 | 5 | 3.7 | | | NS | 0.0 | | SP | Gray fine sand with occasional concrete pieces and basalt (medium dense, dry) (fill) |
| | | | | | | | | | | SM | Brown silty fine sand (loose, moist) |
| 10 | | | | | CA | IKSDP15-10-11 | NS | 0.0 | | SP | Brown fine sand with trace silt (loose, moist) |
| | | 3 | 5 | 3 | | | NS | 0.0 | | | |
| | | | | | | | NS | 0.0 | | | |
| 15 | | | | | | | NS | 0.0 | | | Becomes medium dense and moist to wet at approximately 16 feet |
| | | 4 | 5 | 3.7 | | | NS | 0.0 | | | |
| | | | | | | | NS | 0.0 | | | |
| 20 | | | | | | | NS | 0.0 | | | |

Boring completed at approximately 20 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-15



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-18
 Sheet 1 of 1

| | | | | | | | | | |
|---|-----------|------------------|----|-----------|---------------|---------|------------------------|-----------------|--------------------|
| Drilled | 4/27/2010 | Total Depth (ft) | 25 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | | Date Measured | | Depth to Water (ft) | | Drilling Equipment |
| East (X): 2466011.367 North (Y): 643813.292 | | | | | Not Observed | | AMS 9500 VTR | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|---------------|-------|-------------|----------------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | TS | Approximately 2½ inches silty fine sand with organic matter (loose, moist) (topsoil) |
| | | 1 | 5 | 3.6 | | | NS | 0.0 | | SM | Brown silty fine sand with trace organic matter (roots) (medium dense, moist) |
| 5 | | | | | | | NS | 0.0 | | | |
| | | 2 | 5 | 3.5 | | | NS | 0.0 | | SP | Becomes moist to wet at approximately 5 feet |
| 10 | | | | | CA | IKSDP16-10-11 | NS | 0.0 | | | Brown fine sand with trace silt (loose, moist) |
| | | 3 | 5 | 3.7 | | | NS | 0.0 | | | |
| 15 | | | | | | | NS | 0.0 | | | |
| | | 4 | 5 | 3.9 | | | NS | 0.0 | | | |
| 20 | | | | | | | NS | 0.0 | | | |
| | | 5 | 5 | 3.5 | | | NS | 0.0 | | | |
| 25 | | | | | | | NS | 0.0 | | | |

Boring completed at approximately 25 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 8/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-16



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|---|-----------|------------------|----|---------------------|-----|---------|------------------------|-----------------|-------------|
| Drilled | 4/28/2010 | Total Depth (ft) | 45 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Checked By | | JDL | | Date Measured | | | 4/28/2010 | | |
| Location | | | | Groundwater | | | Drilling Equipment | | |
| East (X): 2466070.422 North (Y): 643740.556 | | | | Date Measured | | | AMS 9500 VTR | | |
| | | | | Depth to Water (ft) | | | 38.0 | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|-------------------|-------------|-------|-------------|----------------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | SM | Gray silty sand with trace gravel (medium dense, moist) (fill) |
| 1 | 5 | 4.1 | | | | NS | 0.0 | | | SM | Brown silty fine sand (loose to medium dense, moist) |
| 2 | 5 | 4 | | | | NS | | | | SP | Layers of grayish brown silty fine sand with organic matter between approximately 1 foot to 2 feet |
| 3 | 5 | 4 | | | | NS | | | | | Gray fine sand with trace silt (loose, moist) |
| 4 | 5 | 3.6 | | | | NS | 24 | | | SP | Hydrocarbon odor at 17 feet |
| 5 | 5 | 3.5 | | CA | IKSDP17-22-23 | NS | | | | | Gray fine sand with trace silt (loose, moist) |
| 6 | 5 | 3 | | | | NS | 230 | | | | Grades to fine to medium sand |
| 7 | 6 | 5 | | CA | IKSDP17-34-35 | NS | 32 | | | SP | Gray medium to coarse sand with gravel and trace silt (loose, moist) |
| 8 | 3 | 1.8 | | | | NS | 48 | | | | |
| 9 | 6 | 4.5 | | CA | IKSDP17-40.5-41.5 | NS | 132 | | | | Becomes wet at approximately 38 feet |
| 45 | | | | | | NS | | | | ML | Gray silt (soft to medium stiff, moist) |
| | | | | | | NS | | | | CH | Gray fat clay (soft to medium dense, stiff, wet) |

Boring completed at approximately 45 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\050617_SONIC.LOG

Log of Boring DP-17



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|--|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/28/2010 | Total Depth (ft) | 45 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2466073.73 North (Y): 643796.785 | | 4/28/2010 | | 38.0 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | | | | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------------|-------|-----------------------|-------------|-------------|----------------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | Headspace Vapor (ppm) | Water Level | Graphic Log | | Group Classification |
| 0 | | | | | | | | | | | SM | Brown silty fine sand (loose, moist) |
| 1 | 1 | 5 | 3 | | | NS | 23.2 | | | | SM | Gray silty fine sand (loose, moist) |
| 5 | | | | | | NS | 65.8 | | | | | Hydrocarbon odor |
| 2 | 2 | 5 | 4.2 | | | NS | 219 | | | | | Grade to loose to medium dense at approximately 6½ feet |
| 10 | | | | | | NS | 1946 | | | | SP | Light grayish brown fine sand with trace silt (loose, moist) |
| 15 | | | | | | SS | 2774 | | | | | Hydrocarbon odor |
| 3 | 3 | 5 | 3.4 | | | NS | 303 | | | | | |
| 4 | 4 | 5 | 4 | | CA | IKSDP18-18-19 | NS | 276 | | | | Strong hydrocarbon odor |
| 20 | | | | | | NS | 3482 | | | | | |
| 5 | 5 | 5 | 4 | | CA | IKSDP18-21-22 | HS | 2690 | | | | Strong hydrocarbon odor |
| 25 | | | | | | HS | 2942 | | | | | |
| 5 | 5 | 5 | 4 | | | MS | 2731 | | | | | |
| 25 | | | | | | SS | 2237 | | | | | Increase in coarse sand content at approximately 25 feet |
| 6 | 6 | 5 | 3.5 | | | SS | 283 | | | | SP | Gray medium to coarse sand with gravel (loose, dry) |
| 30 | | | | | | NS | | | | | | Hydrocarbon odor |
| 7 | 7 | 5 | 3.3 | | | NS | 340 | | | | | Becomes moist at approximately 30 feet |
| 35 | | | | | | NS | 256 | | | | | Hydrocarbon odor |
| 8 | 8 | 5 | 3.8 | | CA | IKSDP18-36.5-37.5 | SS | 1849 | | | | |
| 40 | | | | | | SS | 1942 | | | | | Becomes wet at approximately 38 feet |
| 40 | | | | | | SS | 253 | | | | | |
| 9 | 9 | 5 | 5 | | | NS | 0 | | | | ML | Brown silt (very soft to soft, wet) |
| 45 | | | | | | NS | 0 | | | | CH | Gray clay (very stiff, wet) |

Boring completed at approximately 45 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\050617_SONIC.LOG

Log of Boring DP-18



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/28/2010 | Total Depth (ft) | 40 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2466071.168 North (Y): 643833.661 | | 4/28/2010 | | 38.1 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|-------------------|-------|-------------|----------------------|----------------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | SM | Gray silty fine sand with gravel (medium dense, dry) |
| 1 | 5 | 4 | | | | NS | 0.0 | | | SM | Brown silty fine sand with trace organic matter and wood (loose to medium dense, moist) |
| 5 | | | | | | NS | 0.0 | | | | |
| 2 | 5 | 3.5 | | | | NS | 0.0 | | | SP | Brown fine sand with trace silt (loose to medium dense, moist) |
| 10 | | | | | | NS | 0.0 | | | | |
| 3 | 5 | 3.5 | | | | NS | 0.0 | | | | |
| 15 | | | | | | NS | 0.0 | | | | |
| 4 | 5 | 4.1 | | | | NS | 0.0 | | | | |
| 20 | | | | | | NS | 0.0 | | | | |
| 5 | 5 | 3.6 | | | | NS | 0.0 | | | | |
| 25 | | | | | CA | IKSDP19-26-27 | NS | 0.0 | | ML | Brown silt with fine sand (medium stiff, moist to wet) |
| 6 | 5 | 3.3 | | | | NS | 0.0 | | | SC | Brown clayey fine to medium sand (loose, wet) |
| 30 | | | | | | NS | 0.0 | | | SP | Brown medium to coarse sand with gravel (medium dense, moist) |
| 7 | 5 | 3.3 | | | | NS | 47 | | | | |
| 35 | | | | | | NS | 120 | | | | Petroleum hydrocarbon odor at approximately 32½ feet |
| 8 | 5 | | | | CA | IKSDP19-35.5-36.5 | NS | 397 | | | |
| 40 | | | | | | NS | 857 | | | | Becomes wet with slight petroleum hydrocarbon odor at approximately 36½ feet |
| | | | | | | NS | 406 | | | | |

Boring completed at approximately 40 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

Log of Boring DP-19



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/29/2010 | Total Depth (ft) | 45 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2466198.336 North (Y): 643668.236 | | 4/29/2010 | | 37.5 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|------------------|-------|----------------------|----------------------|-----------------------|-------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log |
| 0 | | | | | | | | | | | SM | Brown silty fine sand with organic matter (loose to medium dense, moist) |
| 1 | 1 | 5 | 4 | | | | NS | 0.0 | | | | Becomes moist to wet at approximately 3 feet |
| 2 | 2 | 5 | 3.5 | | | | NS | 0.0 | | | | |
| 3 | 3 | 5 | 3 | | | | NS | 0.0 | | | | |
| 4 | 4 | 5 | 3.2 | | CA | CGDP21-15-16 | NS | 0.0 | | | | |
| 5 | 5 | 5 | 3 | | | | NS | 13.1 | | | | Slight petroleum hydrocarbon odor |
| 6 | 6 | 5 | 2.8 | | CA | CGDP21-27-27.8 | NS | 3.2 | | | | |
| 7 | 7 | 5 | 3.8 | | | | NS | 13.3 | | | | |
| 8 | 8 | 5 | 3.3 | | CA | CGDP21-37-38 | NS | 15.2 | | | | |
| 9 | 9 | 5 | 4.5 | | CA | CGDP21-41.5-42.5 | NS | 10.1 | | | | |
| | | | | | CA | CGDP21-42.5-43.5 | NS | 58.2 | | | | |
| | | | | | | | NS | 45.1 | | | | |
| | | | | | | | NS | 80.5 | | | | |
| | | | | | | | MS | 105 | | | | Strong petroleum hydrocarbon odor |
| | | | | | | | NS | 940 | | | | Becomes wet at approximately 37½ feet |
| | | | | | | | NS | 13.4 | | | | |
| | | | | | | | NS | 11.4 | | | | |
| | | | | | | | NS | 10.7 | | | | |
| | | | | | | | NS | 0.0 | | | | |
| | | | | | | | | | | | CH | Gray clay with occasional orange mottling (soft to stiff, moist to wet) |

Boring completed at approximately 45 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT Template\Lib\Template\GEOENGINEERS.GDT\050617_SONIC.LOG

Log of Boring DP-21



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | |
|--|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/29/2010 | Total Depth (ft) | 50 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2466340.561 North (Y): 643578.49 | | 4/29/2010 | | 41.0 | | AMS 9500 VTR | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|--------------|-------------|-------|----------------------|----------------------|-----------------------|-------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log |
| 0 | | | | | | | | | | | SM | Brown silty fine sand with occasional gravel and organic matter (roots) (medium dense, moist) |
| 1 | 1 | 5 | 3.9 | | | | NS | 0.0 | | | | |
| 2 | 2 | 5 | 4.2 | | | | NS | 0.0 | | | | |
| 3 | 3 | 5 | 3.5 | | | | NS | 0.0 | | | | |
| 4 | 4 | 5 | 3.4 | CA | CGDP22-16-17 | | NS | 23.1 | | | | |
| 5 | 5 | 5 | 3.7 | | | | NS | 21.1 | | | | |
| 6 | 6 | 5 | 3.7 | | | | NS | 16.3 | | | | |
| 7 | 7 | 5 | 4 | CA | CGDP22-32-33 | | NS | 11.2 | | | | |
| 8 | 8 | 5 | 3.4 | | | | NS | 12.0 | | | | |
| 9 | 9 | 5 | 3.2 | CA | CGDP22-40-41 | | NS | 21.9 | | | | |
| 10 | 10 | 5 | | | | | NS | 18.6 | | | | |
| 11 | | | | | | | NS | 18.2 | | | | |
| 12 | | | | | | | NS | 54.2 | | | | |
| 13 | | | | | | | NS | 58.8 | | | | |
| 14 | | | | | | | NS | 105 | | | | |
| 15 | | | | | | | NS | 58.2 | | | | |
| 16 | | | | | | | NS | 85.3 | | | | |
| 17 | | | | | | | NS | 25.1 | | | | |
| 18 | | | | | | | NS | 35.1 | | | | |
| 19 | | | | | | | NS | 918 | | | | |
| 20 | | | | | | | NS | 96.8 | | | | |
| 21 | | | | | | | NS | 35.5 | | | | |
| 22 | | | | | | | NS | 12.5 | | | | |
| 23 | | | | | | | NS | 7.5 | | | | |
| 24 | | | | | | | NS | 29 | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | |

Note: See Figure A-1 for explanation of symbols.

Log of Boring DP-22



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-24
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG


| | | | | | | | | | |
|---|-----------|------------------|---------------|-------------|-----|---------------------|------------------------|-----------------|-------------|
| Drilled | 4/29/2010 | Total Depth (ft) | 45 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Checked By | | JDL | | Groundwater | | | AMS 9500 VTR | | |
| Location | | | Date Measured | | | Depth to Water (ft) | | | |
| East (X): 2466436.278 North (Y): 643611.802 | | | 4/29/2010 | | | 40.0 | | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|------------------|-------------|-------|----------------------|----------------------|-----------------------|-------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log |
| 0 | | | | | | | | | | | SM | Brown silty fine sand with organic matter (loose, moist) |
| 1 | 1 | 5 | 4.2 | | | NS | 0.0 | | | | NS | |
| 2 | 2 | 5 | 3.6 | | | NS | 0.0 | | | | NS | |
| 3 | 3 | 5 | 3.3 | | | NS | 0.0 | | | | NS | |
| 4 | 4 | 5 | 3.8 | | | NS | 0.0 | | | | NS | |
| 5 | 5 | 5 | 3 | | | NS | 0.0 | | | | NS | |
| 6 | 6 | 5 | 2 | | | NS | 0.0 | | | | NS | |
| 7 | 7 | 5 | 2.5 | | | NS | 2.2 | | | | NS | |
| 8 | 8 | 5 | 2.1 | | | NS | 2.8 | | | | NS | |
| 9 | 9 | 5 | 3 | CA | CGDP23-41.5-42.3 | NS | 2.3 | | | | NS | |
| 10 | | | | | | NS | 11.4 | | | | NS | |
| 15 | | | | | | NS | 15.1 | | | | NS | |
| 20 | | | | | | NS | 38.7 | | | | NS | |
| 25 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | |

Boring completed at approximately 45 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\050617_SONIC.LOG

| | | |
|---|-------------------|------------------------------|
| Log of Boring DP-23 | | |
|  | Project: | Ione Petroleum Contamination |
| | Project Location: | Ione, Washington |
| | Project Number: | 0504-058-00 |
| | | Figure A-25 Sheet 1 of 1 |

| | | | | | | | | | |
|---|-----------|------------------|----|---------------|-----|---------------------|------------------------|--------------------|-------------|
| Drilled | 4/29/2010 | Total Depth (ft) | 45 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Location | | Groundwater | | Date Measured | | Depth to Water (ft) | | Drilling Equipment | |
| East (X): 2466225.375 North (Y): 643587.298 | | | | 4/29/2010 | | 37.5 | | AMS 9500 VTR | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Graphic Log | Group Classification | MATERIAL DESCRIPTION | |
|--------------|--------------------|------------|-----------------|-----------------------|---------|----------------|-------|-------------|----------------------|----------------------|---|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | | Headspace Vapor (ppm) |
| 0 | | | | | | | | | | SM | Brown silty medium to coarse sand with gravel (loose, moist) |
| | | 1 | 5 | 4.2 | | | NS | 0.0 | | SM | Brown silty fine sand (loose, moist) |
| 5 | | | | | | | NS | 0.0 | | | |
| | | 2 | 5 | 3.7 | | | NS | 0.0 | | | |
| 10 | | | | | | | NS | 0.0 | | SP | Grayish brown fine sand with trace silt (loose, moist) |
| | | 3 | 5 | 2.9 | | | NS | 0.0 | | | |
| 15 | | | | | | | NS | 0.0 | | | |
| | | 4 | 5 | 3.6 | | | NS | 1.9 | | | |
| 20 | | | | | | | NS | 2.1 | | SM | Brown silty fine sand (dense, moist) |
| | | 5 | 5 | 3 | | | NS | 2.6 | | | |
| 25 | | | | | | | NS | 6.6 | | | |
| | | 6 | 5 | 3.3 | CA | CGDP24-27-28 | NS | 3.3 | | SM | Brown silty fine sand (dense, moist) |
| 30 | | | | | | | NS | 1.4 | | SP | Gray silty fine sand (dense, moist) |
| | | 7 | 5 | 2.8 | | | NS | 7.2 | | SP | Gray medium sand with trace silt (loose, moist) |
| 35 | | | | | | | NS | 7.2 | | | |
| | | 8 | 5 | 3 | CA | CGDP24-37.4-38 | NS | 76.8 | | SP | Brown medium to coarse sand with gravel and trace silt (loose to medium dense, moist) |
| 40 | | | | | | | HS | 15.2 | | | |
| | | 9 | 5 | 3.9 | | | NS | 23.7 | | | |
| 45 | | | | | | | NS | 30.5 | | CH | Brown fat clay (stiff, wet) |
| | | | | | | | NS | 52.9 | | SP | Brown fine sand (medium dense, wet) |
| | | | | | | | NS | 236 | | CH | Gray clay with interbedded silt and fine sand (medium stiff to stiff, moist to wet) |
| | | | | | | | NS | 1212 | | | |
| | | | | | | | NS | 10.2 | | | |
| | | | | | | | | | | | Boring completed at approximately 45 foot depth and backfilled with bentonite |

Note: See Figure A-1 for explanation of symbols.

Log of Boring DP-24



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-26
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS.GDT\0506117_SONIC.LOG

| | | | | | | | | | |
|---|-----------|------------------|----|---------------------|-----|---------|------------------------|-----------------|-------------|
| Drilled | 4/30/2010 | Total Depth (ft) | 45 | Logged By | KBC | Driller | Pacific Soil and Water | Drilling Method | Direct Push |
| Checked By | | JDL | | Date Measured | | | 4/30/2010 | | |
| Location | | | | Groundwater | | | Drilling Equipment | | |
| East (X): 2466252.211 North (Y): 643525.249 | | | | Date Measured | | | AMS 9500 VTR | | |
| | | | | Depth to Water (ft) | | | 38.5 | | |

| Depth (feet) | FIELD AND RUN DATA | | | | | | | Group Classification | MATERIAL DESCRIPTION | | | |
|--------------|--------------------|------------|-----------------|-----------------------|--------------|-------------|-------|----------------------|----------------------|-----------------------|-------------|--|
| | Run | Run Number | Run Length (ft) | Actual Recovered (ft) | Testing | SAMPLE NAME | Sheen | | | Headspace Vapor (ppm) | Water Level | Graphic Log |
| 0 | | | | | | | | | | | SM | Brown silty fine sand (loose to medium dense, moist) |
| 1 | 5 | 4 | | | | | NS | 0.0 | | | | Becomes moist to wet at approximately 3 feet |
| 2 | 5 | 3.7 | | | | | NS | 0.0 | | | | Becomes moist and medium dense to dense at approximately 6½ feet |
| 3 | 5 | 2.7 | | | | | NS | 4.0 | | | SP | Brown fine sand with trace silt (loose to medium dense, moist) |
| 4 | 5 | 3.5 | | | | | NS | 2.5 | | | | |
| 5 | 5 | 3.5 | | | | | NS | 2.8 | | | | |
| 6 | 5 | 3.3 | | | | | NS | 2.0 | | | | |
| 7 | 5 | 3.5 | | | | | NS | 6.2 | | | | |
| 8 | 5 | 3.8 | | CA | CGDP25-37-38 | | NS | 13.8 | | | | |
| 9 | 5 | 4.4 | | | | | NS | 9.2 | | | | |
| 10 | | | | | | | NS | 9.9 | | | | |
| 11 | | | | | | | NS | 21.9 | | | | |
| 12 | | | | | | | NS | 13.2 | | | | |
| 13 | | | | | | | NS | 21.3 | | | | |
| 14 | | | | | | | NS | 1 | | | | |
| 15 | | | | | | | NS | 2 | | | | |
| 16 | | | | | | | NS | 88 | | | | |
| 17 | | | | | | | NS | | | | | |
| 18 | | | | | | | MS | 20 | | | | |
| 19 | | | | | | | MS | 245 | | | | Becomes wet at approximately 38½ feet |
| 20 | | | | | | | NS | 0.0 | | | | |
| 21 | | | | | | | NS | 0.0 | | | | |
| 22 | | | | | | | NS | 0.0 | | | | |
| 23 | | | | | | | NS | 0.0 | | | | |
| 24 | | | | | | | NS | 0.0 | | | | |
| 25 | | | | | | | NS | 0.0 | | | | |
| 26 | | | | | | | NS | 0.0 | | | | |
| 27 | | | | | | | NS | 0.0 | | | | |
| 28 | | | | | | | NS | 0.0 | | | | |
| 29 | | | | | | | NS | 0.0 | | | | |
| 30 | | | | | | | NS | 0.0 | | | | |
| 31 | | | | | | | NS | 0.0 | | | | |
| 32 | | | | | | | NS | 0.0 | | | | |
| 33 | | | | | | | NS | 0.0 | | | | |
| 34 | | | | | | | NS | 0.0 | | | | |
| 35 | | | | | | | NS | 0.0 | | | | |
| 36 | | | | | | | NS | 0.0 | | | | |
| 37 | | | | | | | NS | 0.0 | | | | |
| 38 | | | | | | | NS | 0.0 | | | | |
| 39 | | | | | | | NS | 0.0 | | | | |
| 40 | | | | | | | NS | 0.0 | | | | |
| 41 | | | | | | | NS | 0.0 | | | | |
| 42 | | | | | | | NS | 0.0 | | | | |
| 43 | | | | | | | NS | 0.0 | | | | |
| 44 | | | | | | | NS | 0.0 | | | | |
| 45 | | | | | | | NS | 0.0 | | | | |

Boring completed at approximately 45 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBTTemplate\LibTemplate\GEOENGINEERS.GDT\050617_SONIC.LOG

Log of Boring DP-25



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

| | | | | | | | | | | | |
|--|--------------------|-------------------------|---------------------|-----------------|-------------------------|-------------|--------------------------|--------------------|------------------------|-------------------|--------|
| Drilled | Start 7/13/2010 | End 7/13/2010 | Total Depth (ft) | 40 | Logged By Checked By | SHL DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger | |
| Surface Elevation (ft) Vertical Datum | | | Undetermined | | Hammer Data | | 140 (lbs) / 30 (in) Drop | | Drilling Equipment | | CME-75 |
| Easting (X) Northing (Y) | | 2466184.96 643735.47 | | System Datum | | Groundwater | | Date Measured | Depth to Water (ft) | Elevation (ft) | |
| Notes: | | | | | | 7/13/2010 | | 38.0 | | | |

| Elevation (feet) | FIELD DATA | | | | | | MATERIAL DESCRIPTION | Sheen | Headspace Vapor (ppm) | REMARKS |
|------------------|--------------|----------------------------|------------|------------------|------------------------|-------------|----------------------|-------|--------------------------|---------|
| | Depth (feet) | Interval Recovered (in) | Blows/foot | Collected Sample | Sample Name Testing | Water Level | | | | |
| 0 | | | | | | | SP-SM | | | |
| 5 | 12 | 7 | | 1 | | | | NS | 0.0 | |
| 10 | 12 | 9 | | 2 | | | | NS | 0.0 | |
| 15 | 12 | 11 | | 3 | | | | NS | 0.0 | |
| 20 | 12 | 9 | | 4 | | | | NS | 0.0 | |
| 25 | 12 | 11 | | 5 | | | | NS | 0.0 | |
| 30 | 12 | 19 | | 6 | | | SW-SM | NS | 0.0 | |
| 35 | 12 | 12 | | 7 | | | | NS | 8.7 | |
| 40 | 12 | 12 | | 8 | | | | HS | 2147 | |

Boring completed at approximately 40 foot depth and backfilled with bentonite

B-1-40.0

Note: See Figure A-1 for explanation of symbols.

Log of Boring B-1



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-28
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS_GDT\GEI8_ENVIRONMENTAL_STANDARD

| | | | | | | | | | | | |
|--|--------------------|--------------------------|---------------------|-----------------|-------------------------|-------------|--------------------------|--------------------|-----------------------|------------------------|----------------|
| Drilled | Start 7/14/2010 | End 7/14/2010 | Total Depth (ft) | 40 | Logged By Checked By | SHL DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger | |
| Surface Elevation (ft) Vertical Datum | | | Undetermined | | Hammer Data | | 140 (lbs) / 30 (in) Drop | | Drilling Equipment | | CME-75 |
| Easting (X) Northing (Y) | | 2466281.611 643469.21 | | System Datum | | Groundwater | | Date Measured | | Depth to Water (ft) | Elevation (ft) |
| Notes: | | | | | | 7/14/2010 | | 38.0 | | | |

| Elevation (feet) | FIELD DATA | | | | | | Group Classification | MATERIAL DESCRIPTION | Sheen | Headspace Vapor (ppm) | REMARKS |
|---|--------------|----------------------------|------------|------------------|------------------------|-------------|-------------------------|---|-------|--------------------------|----------------------|
| | Depth (feet) | Interval Recovered (in) | Blows/foot | Collected Sample | Sample Name Testing | Water Level | | | | | |
| 0 | | | | | | | SP-SM | Brown fine sand with silt (loose to medium dense, moist) | NS | 0.0 | |
| 5 | 12 | 4 | | 1 | | | | | | | |
| 10 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 20 | | | | | | | | | | | |
| 25 | 12 | 13 | | 2 | | | | | NS | 6.1 | |
| 30 | 12 | 19 | | 3 | | | SW | Brown fine to coarse sand with occasional gravel and trace silt (medium dense, moist) | NS | 0.0 | |
| 35 | 12 | 11 | | 4 | | | SP | Brown fine to medium sand with trace silt (medium dense, moist) | NS | 0.0 | |
| 40 | 12 | 17 | | 5 | | | SW | Brown fine to coarse sand with trace silt and occasional gravel (medium dense, moist) | NS | 0.0 | |
| | 12 | 15 | | 6 | | | | | NS | 6.1 | Faint petroleum odor |
| Boring completed at approximately 40 foot depth and backfilled with bentonite | | | | | | | | | | | |

Note: See Figure A-1 for explanation of symbols.

Log of Boring B-3



Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-29
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS_GDT\GEB_ENVIRONMENTAL_STANDARD

| | | | | | | | | | | | |
|--|--------------------|--------------------------|---------------------|-----------------|-------------------------|-------------|--------------------------|--------------------|-----------------------|------------------------|----------------|
| Drilled | Start 7/21/2010 | End 7/21/2010 | Total Depth (ft) | 40 | Logged By Checked By | KLR DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger | |
| Surface Elevation (ft) Vertical Datum | | | Undetermined | | Hammer Data | | 140 (lbs) / 30 (in) Drop | | Drilling Equipment | | CME-75 |
| Easting (X) Northing (Y) | | 2465905.41 643548.756 | | System Datum | | Groundwater | | Date Measured | | Depth to Water (ft) | Elevation (ft) |
| Notes: | | | | | | 7/21/2010 | | 33.5 | | | |

| Elevation (feet) | FIELD DATA | | | | | Water Level | Graphic Log | Group Classification | MATERIAL DESCRIPTION | Sheen | Headspace Vapor (ppm) | REMARKS |
|------------------|--------------|----------------------------|------------|------------------|------------------------|-------------|-------------|-------------------------|---|------------|--------------------------|----------|
| | Depth (feet) | Interval Recovered (in) | Blows/foot | Collected Sample | Sample Name Testing | | | | | | | |
| 0 | | | | | | | | TS | Approximately 6 inches brown silty fine sand with organic matter (loose, moist) (topsoil) | | | |
| 5 | 12 | 3 | | 1 | | | | SM | Brown silty fine sand (loose, moist) | 0.0 | NS | |
| 15 | 12 | 4 | | 2 | | | | | | 0.0 | NS | |
| 25 | 12 | 7 | | 3 | | | | | | 0.0 | NS | |
| 35 | 12 | 5 | | 4 CA | | | | ML/CL | Brown silty clay to clay (soft, wet) | 3.4 4.8 | NS NS | B-4-33.5 |
| 40 | | | | | | | | | | | | |

Boring completed at approximately 40 foot depth and backfilled with bentonite

Note: See Figure A-1 for explanation of symbols.

Log of Boring B-4

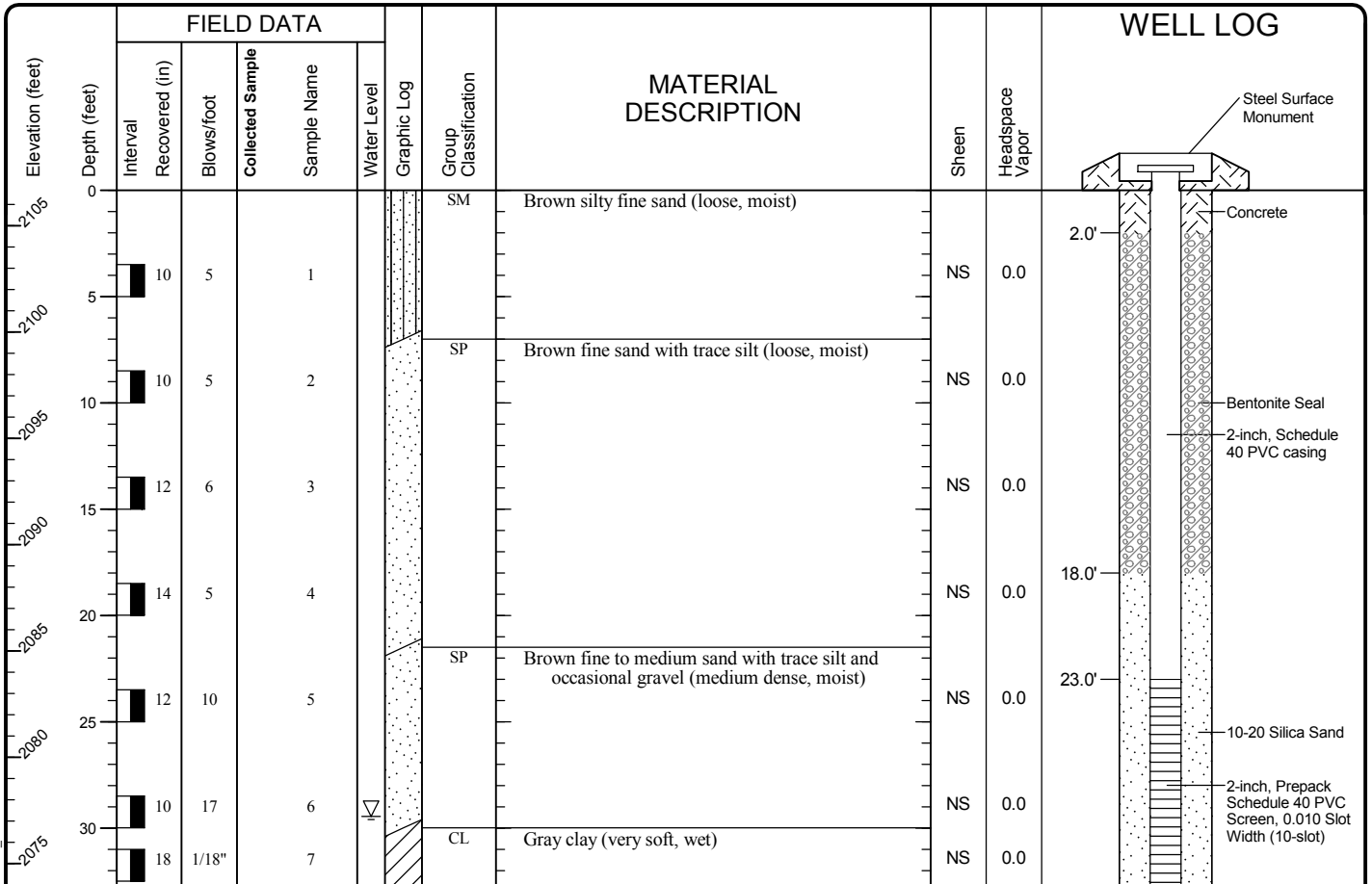


Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-30
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT\template\lib\template\GEOENGINEERS_GDT\GEI8_ENVIRONMENTAL_STANDARD

| | | | | | | | | | | |
|--|----------------------------|------------------|---------------------|------|---------------------------------|---|---------|---|------------------------|-------------------|
| Drilled | Start 7/12/2010 | End 7/12/2010 | Total Depth (ft) | 32.8 | Logged By Checked By | SHL DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger |
| Hammer Data | 140 (lbs) / 30 (in) Drop | | | | Drilling Equipment | CME-75 | | A 2 (in) well was installed on 7/12/2010 to a depth of 33 (ft). | | |
| Surface Elevation (ft) Vertical Datum | 2106.7 NAVD88 | | | | Top of Casing Elevation (ft) | 2106.45 | | Groundwater Date Measured | Depth to Water (ft) | Elevation (ft) |
| Easting (X) Northing (Y) | 2465789.627 643763.8134 | | | | Horizontal Datum | State Plane, Washington North Zone NAD83 | | 7/25/2010 | 29.5 | 2076.99 |
| Notes: | | | | | | | | | | |



Note: See Figure A-1 for explanation of symbols.

Log of Monitoring Well MW-1

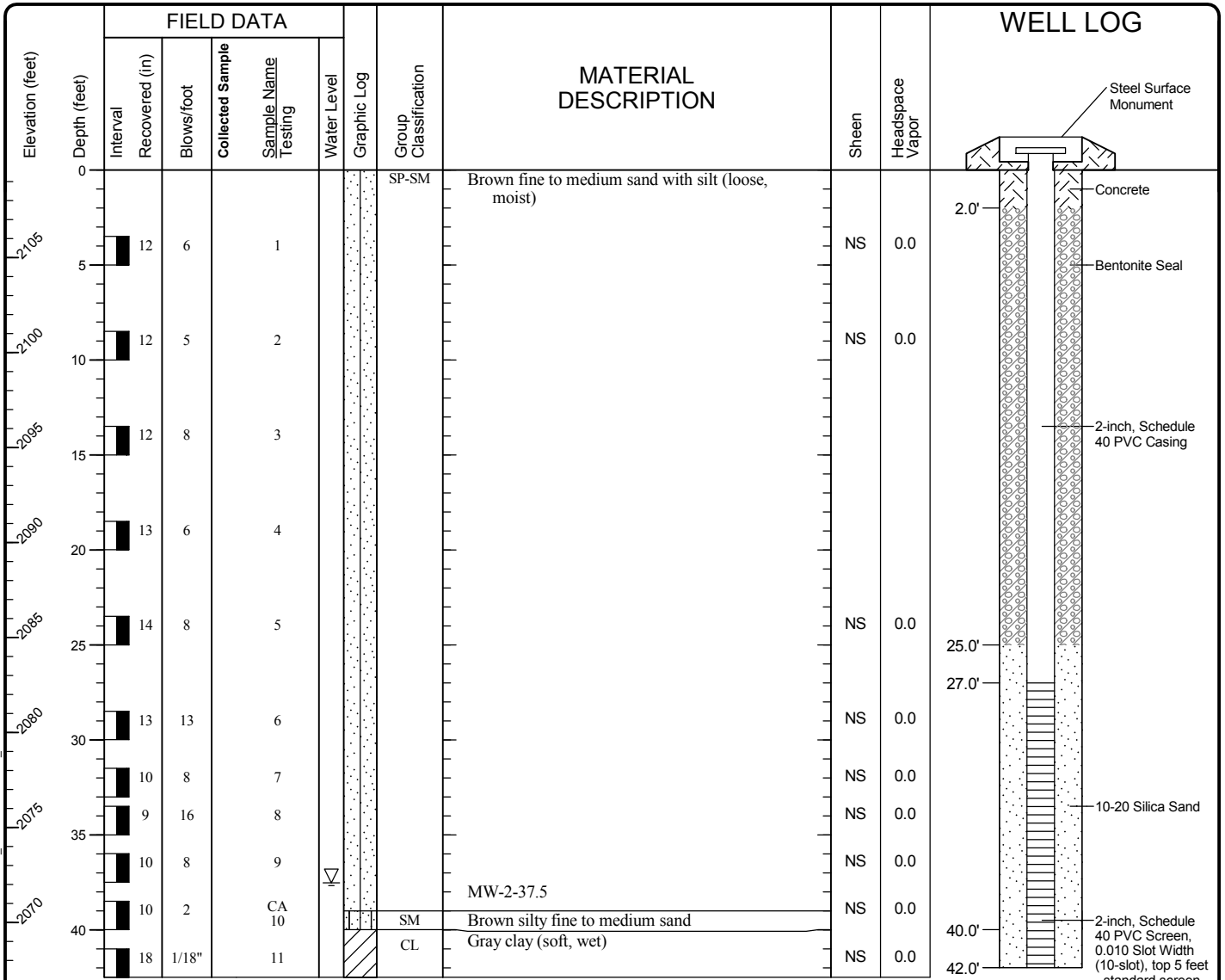


Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-31
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\GEI8_ENVIRONMENTAL_WELL

| | | | | | | | | | | |
|--|---------------------------|------------------|---------------------|---------------------------------|-------------------------|------------|---|------------------------|--------------------|-------------------|
| Drilled | Start 7/12/2010 | End 7/13/2010 | Total Depth (ft) | 42.5 | Logged By Checked By | SHL DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger |
| Hammer Data | 140 (lbs) / 30 (in) Drop | | | Drilling Equipment | CME-75 | | A 2 (in) well was installed on 7/13/2010 to a depth of 42 (ft). | | | |
| Surface Elevation (ft) Vertical Datum | 2109.6 | | | Top of Casing Elevation (ft) | 2109.36 | | Groundwater Date Measured | Depth to Water (ft) | Elevation (ft) | |
| Easting (X) Northing (Y) | 2466067.935 643617.071 | | | Horizontal Datum | | | 7/28/2010 | 37.5 | 2071.83 | |
| Notes: | | | | | | | | | | |



Note: See Figure A-1 for explanation of symbols.

Log of Monitoring Well MW-2

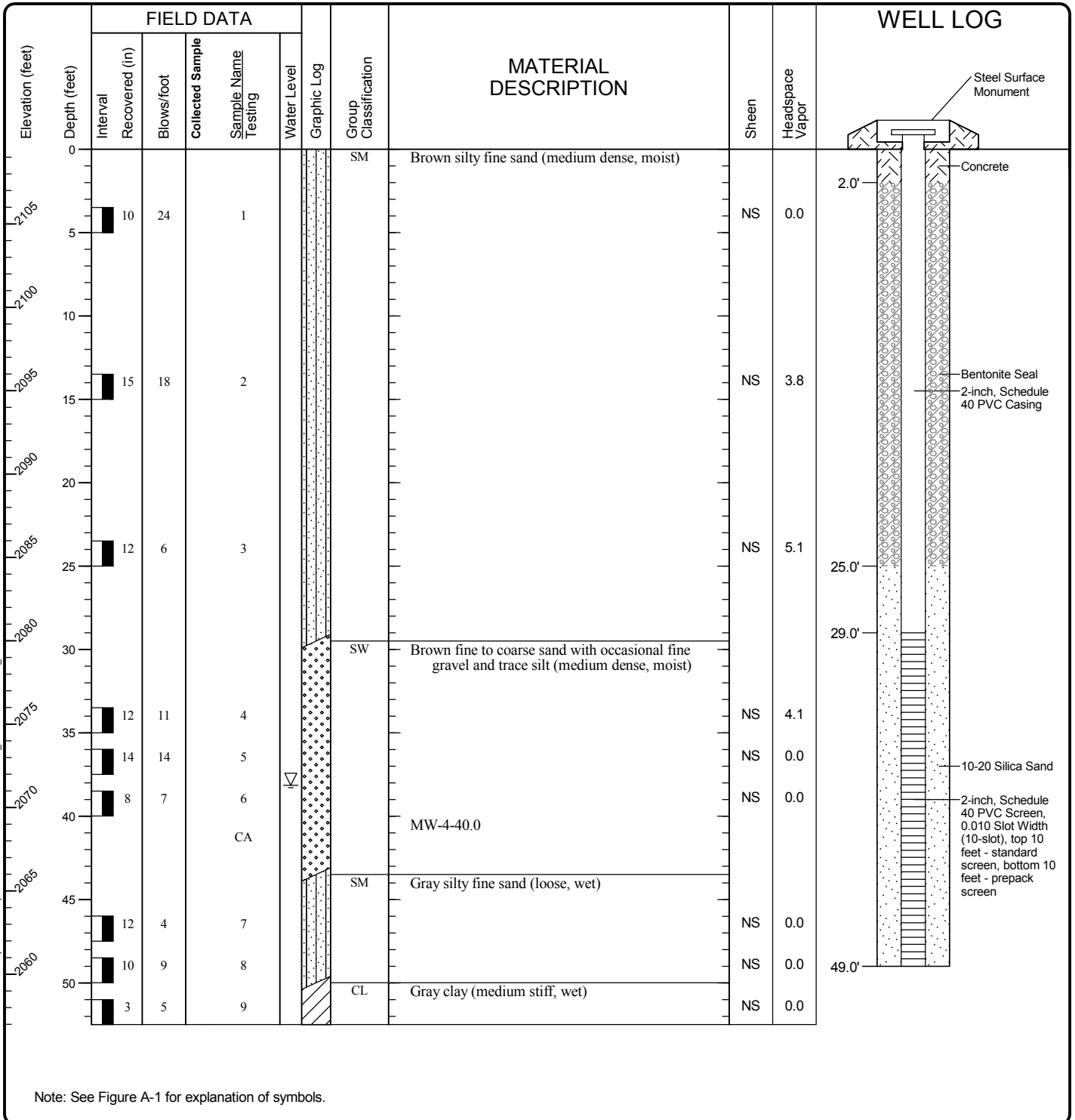


Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-32
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS\GDT\GEI8_ENVIRONMENTAL_WELL

| | | | | | | | | | | | |
|--|--------------------------|------------------|---------------------|---------------------------------|-------------------------|------------|---------|--------------------|---|--------------------------------|---------------------------|
| Drilled | Start 7/20/2010 | End 7/20/2010 | Total Depth (ft) | 52.5 | Logged By Checked By | SHL DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger | |
| Hammer Data | 140 (lbs) / 30 (in) Drop | | | Drilling Equipment | | | CME-75 | | A 2 (in) well was installed on 7/20/2010 to a depth of 49 (ft). | | |
| Surface Elevation (ft) Vertical Datum | 2109.5 | | | Top of Casing Elevation (ft) | | | 2109.31 | | Groundwater Date Measured | | |
| Easting (X) Northing (Y) | 2466312.181 643416.97 | | | Horizontal Datum | | | | | 7/23/2010 | Depth to Water (ft) 38.2 | Elevation (ft) 2071.16 |
| Notes: | | | | | | | | | | | |



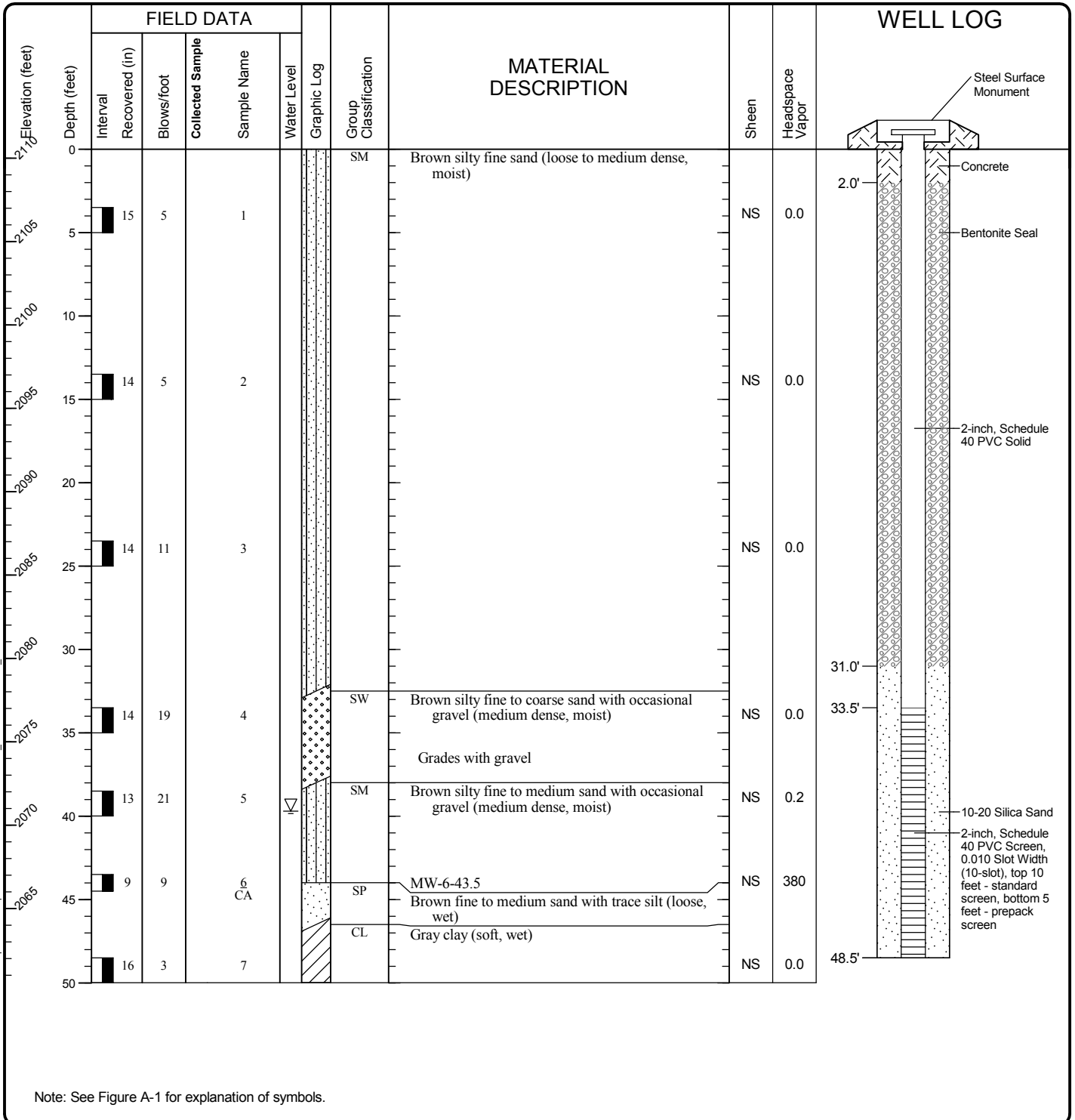
Log of Monitoring Well MW-4



Project: Lone Petroleum Contamination
 Project Location: Lone, Washington
 Project Number: 0504-058-00

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT Template\LibT\template-GEOENGINEERS.GDT\GEI8_ENVIRONMENTAL_WELL

| | | | | | | | | | | |
|--|---------------------------|------------------|---------------------|----|---------------------------------|------------|---------|---|------------------------|-------------------|
| Drilled | Start 7/22/2010 | End 7/22/2010 | Total Depth (ft) | 50 | Logged By Checked By | KLR DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger |
| Hammer Data | 140 (lbs) / 30 (in) Drop | | | | Drilling Equipment | CME-75 | | A 2 (in) well was installed on 7/22/2010 to a depth of 48.5 (ft). | | |
| Surface Elevation (ft) Vertical Datum | 2110.6 | | | | Top of Casing Elevation (ft) | 2110.34 | | Groundwater Date Measured | Depth to Water (ft) | Elevation (ft) |
| Easting (X) Northing (Y) | 2466586.057 643438.242 | | | | Horizontal Datum | | | 7/28/2010 | 39.7 | 2070.64 |
| Notes: | | | | | | | | | | |



Note: See Figure A-1 for explanation of symbols.

Log of Monitoring Well MW-6

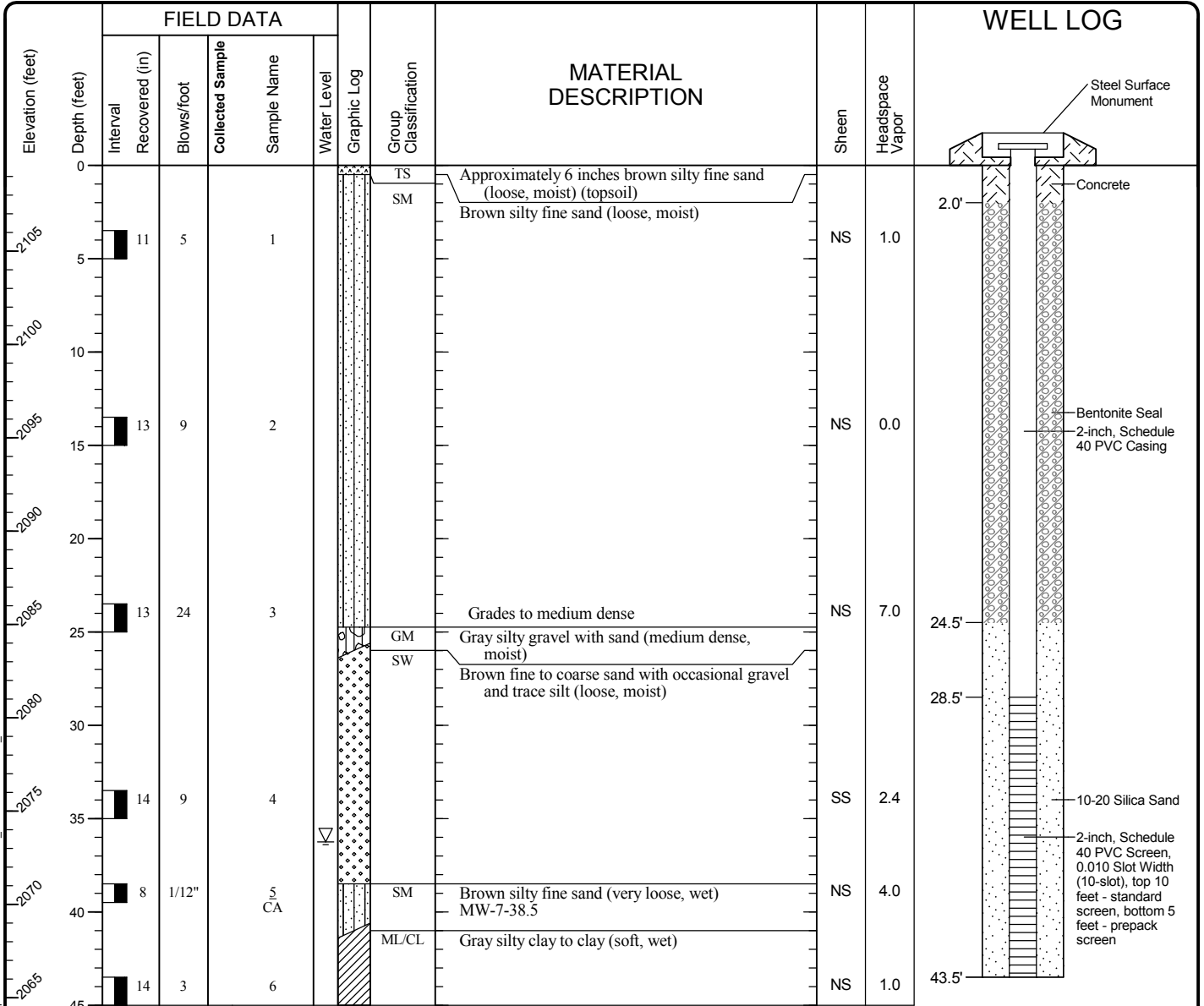


Project: Ione Petroleum Contamination
 Project Location: Ione, Washington
 Project Number: 0504-058-00

Figure A-36
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS.GDT\GEI8_ENVIRONMENTAL_WELL

| | | | | | | | | | | |
|--|---------------------------|------------------|------------------------|---------------------------------|-------------------------|------------|---------------------------|---|--------------------|-------------------|
| Drilled | Start 7/23/2010 | End 7/23/2010 | Total Depth (ft) | 45 | Logged By Checked By | KLR DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger |
| Hammer Data | 140 (lbs) / 30 (in) Drop | | | Drilling Equipment | | CME-75 | | A 2 (in) well was installed on 7/23/2010 to a depth of 43.5 (ft). | | |
| Surface Elevation (ft) Vertical Datum | 2109.6 | | | Top of Casing Elevation (ft) | | 2109.31 | | Groundwater Date Measured | | |
| Easting (X) Northing (Y) | 2466033.222 643899.995 | | | Horizontal Datum | | | | 7/28/2010 | | |
| | | | Depth to Water (ft) | | 36.3 | | Elevation (ft) 2073.05 | | | |
| Notes: | | | | | | | | | | |



Note: See Figure A-1 for explanation of symbols.

Log of Monitoring Well MW-7

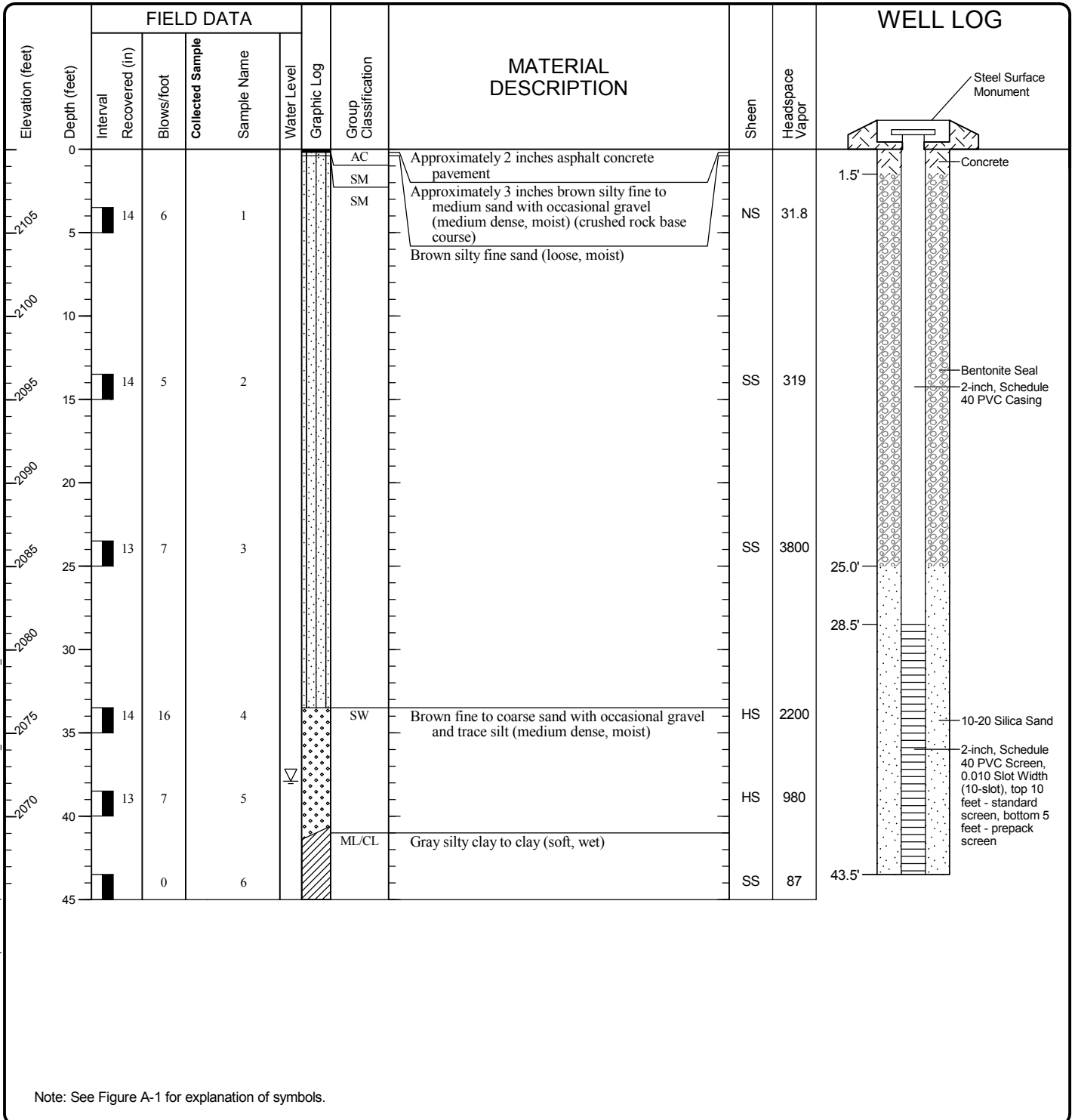


Project: Lone Petroleum Contamination
 Project Location: Lone, Washington
 Project Number: 0504-058-00

Figure A-37
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS_GDT\GEI8_ENVIRONMENTAL_WELL

| | | | | | | | | | | |
|--|---------------------------|------------------|---------------------|---------------------------------|-------------------------|------------|---|------------------------|--------------------|-------------------|
| Drilled | Start 7/23/2010 | End 7/23/2010 | Total Depth (ft) | 45 | Logged By Checked By | KLR DRL | Driller | GeoEngineers, Inc. | Drilling Method | Hollow-Stem Auger |
| Hammer Data | 140 (lbs) / 30 (in) Drop | | | Drilling Equipment | CME-75 | | A 2 (in) well was installed on 7/23/2010 to a depth of 43.5 (ft). | | | |
| Surface Elevation (ft) Vertical Datum | 2110.0 | | | Top of Casing Elevation (ft) | 2109.72 | | Groundwater Date Measured | Depth to Water (ft) | Elevation (ft) | |
| Easting (X) Northing (Y) | 2466077.366 643797.534 | | | Horizontal Datum | | | 7/29/2010 | 37.9 | 2071.81 | |
| Notes: | | | | | | | | | | |



Note: See Figure A-1 for explanation of symbols.

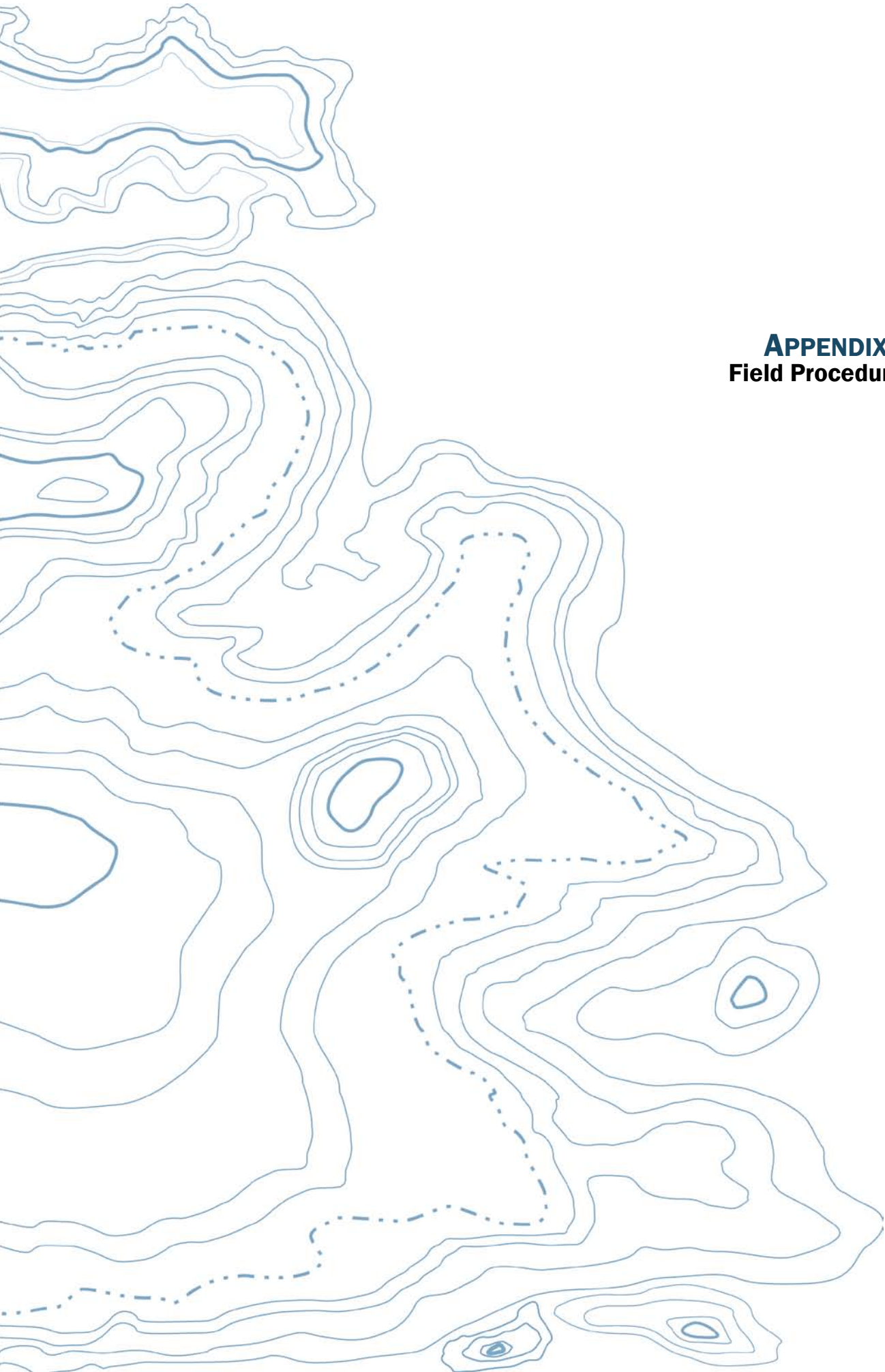
Log of Monitoring Well MW-8



Project: Lone Petroleum Contamination
 Project Location: Lone, Washington
 Project Number: 0504-058-00

Figure A-38
 Sheet 1 of 1

Spokane: Date: 9/20/10 Path: P:\0504058\GINT\0504058.GPJ DBT template\lib\template\GEOENGINEERS\GDT\GEI8_ENVIRONMENTAL_WELL



APPENDIX B
Field Procedures

APPENDIX B FIELD PROCEDURES

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 Applied Professional Services Inc. (APS), an underground utility location subcontractor.

Following clearance of utilities, subsurface conditions at the Site were explored in April 2010 and July 2010 by:

- Advanced 26 direct-push borings and collected soil and groundwater samples;
- Installed eight new monitoring wells from which soil and groundwater samples were collected; and
- Advanced three exploratory borings from which soil samples were collected.

The approximate exploration locations are shown in Figure 3.

Soil Sampling from Borings

Soil borings were completed using hollow-stem auger (HSA) or direct-push drilling techniques by a licensed driller. For HSA drilling methods, subsurface soil samples were obtained using standard penetration test (SPT) samplers. The direct-push drilling samples were obtained continuously using 5-foot-long, 1-inch-diameter acrylic sleeves.

Each boring was continuously monitored by a geologist or engineer 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-27. Logs of hollow-stem borings are presented in Figures A-28 through A-30. 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, (2) water sheen screening, and (3) headspace vapor screening using a photo-ionization detector (PID).

Monitoring Well Construction, Development, and Surveying

Monitoring wells MW-1 through MW-8 were constructed in accordance with WAC 173-160, Section 400, Washington State Resource Protection Well Construction Standards. Monitoring well installation was observed by a GeoEngineers field geologist or engineer, who maintained a detailed log of the materials and depths of the well. Well construction details, including the depths of the well screen and filter packs are shown on Logs of Monitoring Wells, Figures A-31 through A-38.

The eight monitoring wells were constructed using 2-inch-diameter polyvinyl chloride (PVC) well casing. The annular space in each well was sealed between the top of the filter pack and the ground surface with bentonite to prevent infiltration of groundwater into the well bore from shallower zones. A lockable compression-type cap was installed in the top of the PVC well casing. A flush-mount above-grade monument equipped with a watertight cover was installed to protect the PVC well casing. A concrete surface seal was placed around the monument at the ground surface to divert surface water away from the well location.

Monitoring wells MW-1 through MW-8 were developed between July 13, 2010 and July 29, 2010 to remove water introduced into the well during drilling, stabilize the filter pack and formation materials surrounding the well screen, and restore the hydraulic connection between the well screen and the surrounding soil. Each well screen was gently surged and water was removed with a surge block and disposable bailer several times during the development process.

The elevation of the top of each monitoring well casing and the ground surface of each well was surveyed by Thomas Dean and Hoskins Inc., on August 27, 2010. A survey reference notch was established on the north side of each monitoring well casing. Horizontal locations of wells are referenced to the NAD 83 datum. Elevations are referenced to NAVD88 datum.

Groundwater Sampling

The wells were allowed to equilibrate after well development and subsequently sampled on August 5 and 6, 2010. Before sampling, VOCs in the well headspace and were measured with a PID by first inserting the PID into the well casing immediately after removal of the well cap. Measurement of free product was completed by lowering a disposal bailer into each well until it partially penetrated the groundwater table. The bailer was then recovered and the thickness of free product floating on top of groundwater, if present, was measured.

Each groundwater sample was 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 B-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.

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, typically 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 onsite 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.

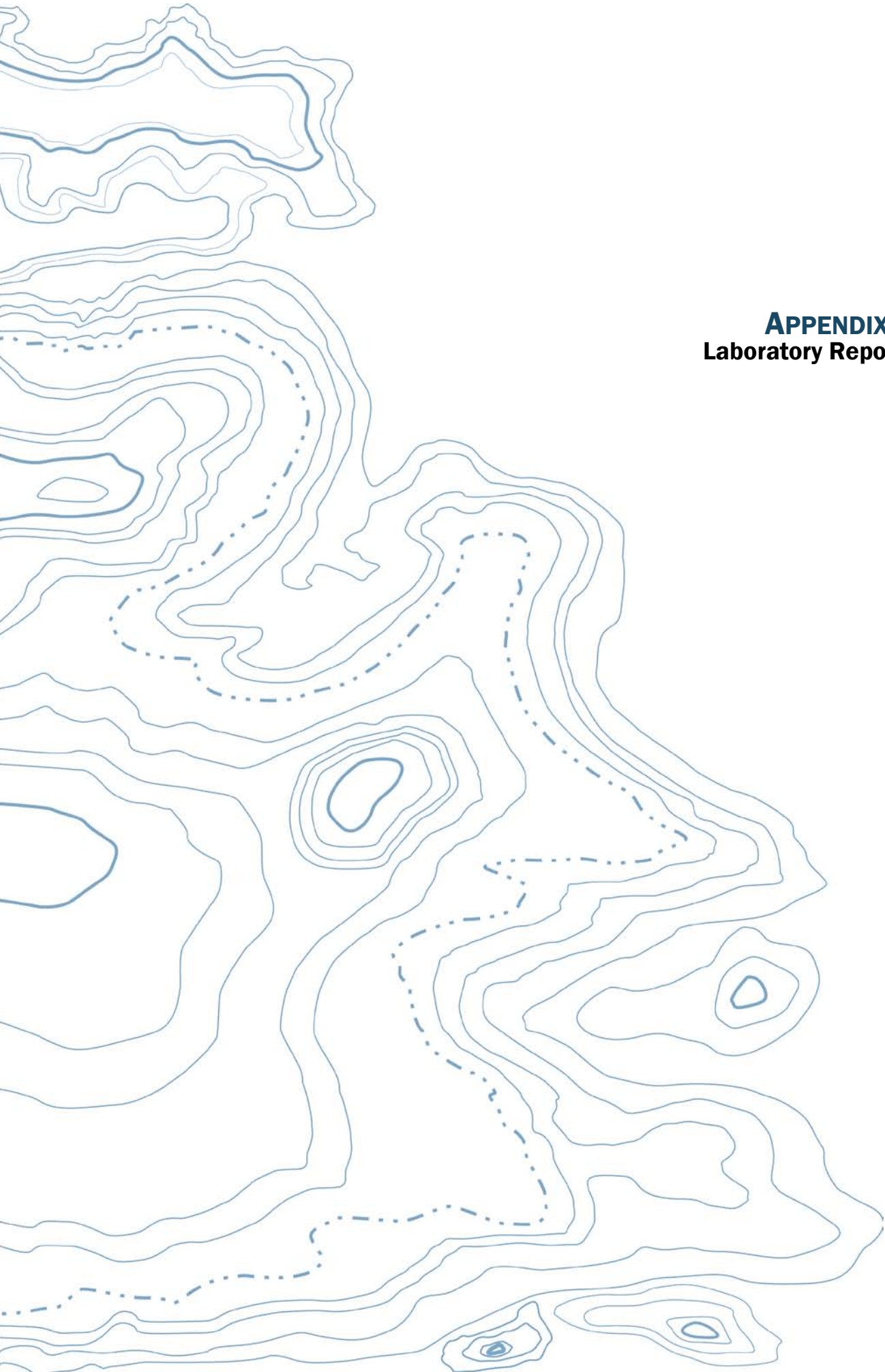
Table B-1
Summary of Field Quality Parameters
Ione Petroleum Contamination
Ione, Washington

| Sample Number | Date Sampled | pH | Specific Conductivity (mS/m) | Turbidity (NTU) | Dissolved Oxygen (mg/L) | Temperature (°C) | ORP (mV) |
|---------------|--------------|------|------------------------------|-----------------|-------------------------|------------------|----------|
| MW-1 | 08/05/10 | 7.36 | 319.1 | 1.01 | 6.99 | 14.82 | 95 |
| MW-2 | 08/06/10 | 6.98 | 383.4 | 0.0 | 3.66 | 14.66 | 95 |
| MW-3 | 08/06/10 | 6.76 | 717.3 | 0.09 | 0.02 | 15.16 | -107 |
| MW-4 | 08/06/10 | 7.50 | 356.0 | 4.38 | 0.17 | 14.88 | -72 |
| MW-5 | 08/06/10 | 6.85 | 606.4 | 0.00 | NR | 17.16 | 29 |
| MW-6 | 08/05/10 | 6.74 | 757.9 | 16.70 | 0.49 | 14.97 | -27 |
| MW-7 | 08/06/10 | 7.36 | 329.8 | 6.39 | 1.13 | 14.01 | -57 |
| MW-8 | 08/06/10 | 6.66 | 508.6 | 0.00 | NR | 14.96 | 24 |

Notes:

NR = not reported due to instrument error - readings were outside normal range and therefore not reported.

[http://projects/sites/0050406000/Final/\[050406000 Tables.xlsx\]Groundwater Elevations](http://projects/sites/0050406000/Final/[050406000 Tables.xlsx]Groundwater Elevations)



APPENDIX C
Laboratory Reports

APPENDIX C LABORATORY REPORTS

| Anatek Laboratory SDG | Samples Validated (Bold indicates the sample was qualified) |
|---------------------------|---|
| 100430053 (water samples) | CGDP25-W, CGDP24-W, CGWT, CGDP22-W, CGDP21W, IKDP19-W, IKDP18-W, IKDP17-W, and IADP05-W |
| 100504046 (soil samples) | CGDP21-15-16, CGDP21-27-27.8, CGDP21-37-38, CGDP21-41.5-42.5, CGDP22-16-17, CGDP22-32-33, CGDP22-40-41, CGDP23-41.5-42.3, CGDP24-27-28, CGDP24-37.4-38, CGDP25-37-38, and CGDP21-42.5-43.5 |
| 100504047 (soil samples) | IADP01-315-32.1, IADP03-18-18.7, IADP03-30-31, IADP05-17.5-18.5, IADP05-32-33.3, IADP06-25-26, IADP07-25-26, IADP07-32-33.3, IADP08-31.5-32.5, IADP09-32.5-33.5, IADP10-33-34.5, Duplicate (HCID only) |
| 100504048 (soil samples) | IKSDP11-2.5-3.5, IKSDP12-31-31.8, IKSDP13-5-6, IKSDP14-17.5-18.5, IKSDP15-10-11, IKSDP16-10-11, IKSDP17-22-23, IKSDP17-34-35, IKSDP17-40.5-41.5, IKSDP18-18-19, IKSDP18-21-22, IKSDP18-36.5-37.5, IKSDP19-26-27, IKSDP19-35.5-36.5, Duplicate (HCID only) |
| 100726007 (soil samples) | MW-2-37.5, B-1-40.0, B-2-40.0, , B-4-33.5, MW-5-33.5, MW-5-38.5, MW-5-43.5, MW-6-43.5, MW-7-38.5, MW-4-40.0, "TRIP BLANK"s (2) |
| 100809019 (water samples) | MW-1-080510, MW-2-080610, MW-3-080610, MW-4-080610, MW-5-080610, MW-6-080610, MW-7-080610, MW-8-080610, CABIN WELL-080610, DUPLICATE-1-080610 |

This report documents the results of an EPA level 2b data validation of analytical data from the analyses of water samples and the associated laboratory and field quality control (QC) samples. The review included the following:

- Chain of Custody
- Holding Times
- Surrogates
- Method and Trip Blanks
- Laboratory Control Samples
- Matrix Spikes/Matrix Spike Duplicates
- Laboratory and Field Duplicates

DATA PACKAGE COMPLETENESS

Anatek Labs, Inc., located in Spokane, Washington, analyzed the samples evaluated as part of this data validation review. The laboratory provided all required deliverables for the validation according to the National Functional Guidelines. The laboratory followed adequate corrective action processes and all identified anomalies were discussed in the case narrative.

The following sections discuss the data. Based on the review, qualification of the laboratory data was performed in association with holding time outliers and method blank contamination.

OBJECTIVE

The objective of the data validation was to review laboratory analytical procedures and quality control (QC) results to evaluate whether:

- The samples were analyzed using well-defined and acceptable methods that provide detection limits below applicable regulatory criteria;
- The precision and accuracy of the data are well defined and sufficient to provide defensible data; and
- The quality assurance/quality control (QA/QC) procedures utilized by the laboratory meet acceptable industry practices and standards.

The environmental samples were analyzed by one or more of the analytical methods listed in the title of this appendix.

DATA QUALITY ASSESSMENT SUMMARY

The results for each of the QC elements are summarized below. The data assessment was performed using guidance in the USEPA Contract Laboratory Program *National Functional Guidelines for Inorganic Data Review* (USEPA 2002) and USEPA Contract Laboratory Program *National Functional Guidelines for Organic Data Review* (USEPA 2008).

Chain-of-Custody Documentation

Chain-of-custody (COC) forms were provided with the laboratory analytical reports. There were no anomalies noted on the COC forms; proper COC protocols appear to have been followed for this sampling event.

Holding Times

The holding time is defined as the time that elapses between sample collection and sample analysis. Maximum holding time criteria exist for each analysis to help ensure that the analyte concentrations found at the time of analysis reflect the concentration present at the time of sample collection. Established holding times were met for all analyses, with the exceptions below:

VOCs: (SDG 100504048) Samples IKSDP18-18-19 (1,2,4-Trimethylbenzene, 1,3,5-trimethylbenzene, Ethylbenzene, m+p-xylene, toluene) and IKSDP18-36.5-37.5 (1,2,4-Trimethylbenzene) both contained target analytes that exceeded the linear calibration range of the instrument when initially analyzed by the laboratory. These analytes were diluted and analyzed outside of the allowable holding time of 14 days. The positive results for these compounds were qualified as estimated (U) in these samples.

Surrogate Recoveries

A surrogate compound is a compound that is chemically similar to the analytes of interest, but unlikely to be found in any environmental sample. Surrogates are used for organic analyses and are added to all samples, standards, and blanks to serve as an accuracy and specificity check of each analysis. The surrogates are added at a known concentration and percent recoveries are

calculated following analysis. All surrogate recoveries for field samples were within the laboratory control limits.

Method Blanks

Method blanks are analyzed to ensure that laboratory procedures and reagents do not introduce measurable concentrations of the analytes of interest. Method blanks were analyzed with each batch of samples, at a frequency of one per twenty samples. For all sample batches, method blanks for all applicable methods were analyzed at the required frequency.

If a compound was found at a measurable concentration in the method blank, an “action level” for this compound was assigned to the associated batch samples by multiplying the concentration by five. This action level is then multiplied by any dilutions the sample may have gone through in the laboratory extraction process.

None of the analytes of interest were detected above the reporting limits in any of the method blanks, with the following exceptions:

VOCs: (SDG 100504046) The method blank prepared on 5/7/10 was reported with positive results for 1,2,4-trimethylbenzene and toluene. These compounds were also found in Samples CGDP21-41.5-42.5, CGDP22-40-41, and CGDP21-42.5-43.5 at concentrations below the action levels. Therefore, the positive results for these compounds were qualified as not-detected (U) due to blank contamination in the associated method blank.

(SDG 100504047) The method blank analyzed on 5/7/10 was reported with positive results for 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and naphthalene. These compounds were also found in Samples IADP03-18-18.7 and IADP05-17.5-18.5 at concentrations below the action levels. Therefore, the positive results for these compounds were qualified as not-detected (U) due to blank contamination in the associated method blank.

(SDG 100504048) The method blanks analyzed on 5/7/10 were reported with positive results for the combined analytes mentioned in the previous two SDGs. These compounds were also found in Samples IKSDP18-36.5-37.5 and IKSDP18-18-19 at concentrations below the action levels. Therefore, the positive results for these compounds were qualified as not-detected (U) due to blank contamination in the associated method blank.

Matrix Spikes/Matrix Spike Duplicates (MS/MSD)

Because the actual analyte concentration in an environmental sample is not known, the accuracy of a particular analysis is usually inferred by performing a matrix spike (MS) analysis. One aliquot of sample is analyzed in the normal manner, and then a second aliquot of the sample is spiked with a known amount of analyte concentration and analyzed. From these analyses, a percent recovery (%R) is calculated. Matrix spike duplicates (MSD) analyses are generally performed for organic analyses as a precision check. For some organic analytical methods, such as NWTPH-Dx, a laboratory control sample/laboratory control sample duplicate (LCS/LCSD) sample set is performed in lieu of a MS/MSD analysis.

For inorganics methods, the matrix spike (referred to as a “spiked sample”) is typically followed by a post spike sample if any element recoveries were outside the control limits in the “spike sample”.

Matrix spike analyses should be performed once per analytical batch or every twenty field samples, whichever is more frequent. The recovery criteria for matrix spikes and laboratory control samples are specified in the laboratory documents as are the relative percent difference values. The frequency requirements were met for all analyses and the %R/RPD values were within the proper control limits.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

A laboratory control sample is essentially a blank sample that is spiked with a known amount of analyte concentration and analyzed. It is to be treated much like a matrix spike, without the possibility for matrix interference. As there is no actual sample matrix in the analysis, the analytical expectations for accuracy and precision are usually more rigorous and qualification would apply to all samples in the batch, instead of the parent sample only.

Laboratory control sample analyses should be performed once per analytical batch or every twenty field samples, whichever is more frequent. The recovery criteria for laboratory control samples are specified in the laboratory documents as are the relative percent difference values. The frequency requirements were met for all analyses, and the %R/RPD values were within the proper control limits.

Laboratory Duplicates (Metals only)

Internal laboratory duplicate analyses are performed to monitor the precision of the analyses. Two separate aliquots of a sample are analyzed as distinct samples in the laboratory, and the RPD between the two results is calculated. Duplicate analyses should be performed once per analytical batch. If one or more of the samples used has a concentration greater than five times the reporting limit for that sample, the absolute difference is used instead of the RPD.

Laboratory duplicates were analyzed at the proper frequency and the specified acceptance criteria were met in all cases.

Field Replicates/Duplicates

Field duplicate samples were collected and analyzed along with the reviewed sample batches. The duplicate samples were analyzed for the same parameters as the associated parent samples. As mentioned above for the laboratory duplicates the RPD is used as the criteria for assessing precision, unless one or more of the samples used has a concentration greater than five times the reporting limit for that sample, the absolute difference is used instead of the RPD.

In two cases, field duplicates were analyzed for NWTPH-HCID analysis only. As this method is qualitative only, field precision could not be assessed.

SDG 100809019: One set of field duplicates, MW-4-080610 and DUPLICATE-1-080610, was submitted with this SDG. All RPD and absolute difference values were within the control limits.

OVERALL ASSESSMENT

As was determined by this data validation, the laboratory followed the specified analytical methods. Accuracy was acceptable, as demonstrated by the surrogate, LCS/LCSD, and MS/MSD %R values. Precision was acceptable, as demonstrated by the laboratory duplicate, LCS/LCSD and MS/MSD RPD and absolute difference values.

Data were qualified as estimated because of holding time outliers and method blank contamination.

In general, the data are acceptable for use as qualified.

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-001 | Sampling Date | 4/30/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | CGDP25-W | Sampling Time | 10:10 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|------|---------------|---------|----------|-----------|
| Benzene | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | 2.22 | ug/L | 2 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | 1.15 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | 1.62 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | ND | mg/L | 0.1 | 5/9/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 5/9/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/L | 0.25 | 5/5/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-001 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 97.2 | 70-130 |
| hexacosane | NWTPHDX | 97.6 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 100.8 | 70-130 |

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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-002 | Sampling Date | 4/29/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | CGDP24-W | Sampling Time | 4:00 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|------|---------------|---------|----------|-----------|
| Benzene | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 2.93 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | 5.99 | ug/L | 2 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | 3.42 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | 7.73 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | ND | mg/L | 0.1 | 5/9/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 5/9/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/L | 0.25 | 5/5/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-002 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 98.6 | 70-130 |
| hexacosane | NWTPHDX | 92.8 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 101.5 | 70-130 |

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Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-003 | Sampling Date | 4/29/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | CGWT | Sampling Time | 1:00 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|-----|---------------|---------|----------|-----------|
| Benzene | 1300 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 1030 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | 3020 | ug/L | 20 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | 7.63 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | 1470 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | 4400 | ug/L | 50 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | 4.84 | mg/L | 0.1 | 5/9/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 5/9/2010 | MAH | NWTPHDX | |
| Gasoline | 29.1 | mg/L | 2.5 | 5/6/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-003 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 91.6 | 70-130 |
| hexacosane | NWTPHDX | 95.2 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 102.7 | 70-130 |

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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-004 | Sampling Date | 4/29/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | CGDP22-W | Sampling Time | 12:30 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|------|---------------|---------|----------|-----------|
| Benzene | 593 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 35.8 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | 32.7 | ug/L | 2 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | 4.98 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | 6.83 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | 39.8 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | 0.241 | mg/L | 0.1 | 5/9/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 5/9/2010 | MAH | NWTPHDX | |
| Gasoline | 0.614 | mg/L | 0.25 | 5/5/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-004 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 93.7 | 70-130 |
| hexacosane | NWTPHDX | 109.6 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 101.0 | 70-130 |

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Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-005 | Sampling Date | 4/29/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | CGDP21W | Sampling Time | 9:50 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|------|---------------|---------|----------|-----------|
| Benzene | 254 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 1.32 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | 30.1 | ug/L | 2 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | 3.56 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | 18.2 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | 10.8 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | 0.156 | mg/L | 0.1 | 5/9/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 5/9/2010 | MAH | NWTPHDX | |
| Gasoline | 0.362 | mg/L | 0.25 | 5/5/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-005 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 95.4 | 70-130 |
| hexacosane | NWTPHDX | 97.6 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 98.8 | 70-130 |

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Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-006 | Sampling Date | 4/28/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | IKDP19-W | Sampling Time | 2:45 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|------|---------------|---------|----------|-----------|
| Benzene | 833 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 45.1 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | 209 | ug/L | 2 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | 6.55 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | 77.4 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | 652 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | 0.303 | mg/L | 0.1 | 5/9/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 5/9/2010 | MAH | NWTPHDX | |
| Gasoline | 2.68 | mg/L | 0.25 | 5/5/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-006 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 95.7 | 70-130 |
| hexacosane | NWTPHDX | 101.6 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 99.3 | 70-130 |

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Client: GEO ENGINEERS
Address: 523 E 2ND
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Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-007 | Sampling Date | 4/28/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | IKDP18-W | Sampling Time | 12:20 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|------|---------------|---------|----------|-----------|
| Benzene | 2080 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 187 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | 537 | ug/L | 2 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | 8.33 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | 260 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | 707 | ug/L | 10 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | 1.14 | mg/L | 0.1 | 6/2/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 6/2/2010 | MAH | NWTPHDX | |
| Gasoline | 5.02 | mg/L | 0.25 | 5/5/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-007 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 92.9 | 70-130 |
| hexacosane | NWTPHDX | 108.8 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 95.4 | 70-130 |

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Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-008 | Sampling Date | 4/28/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | IKDP17-W | Sampling Time | 10:30 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|------|---------------|---------|----------|-----------|
| Benzene | 14.1 | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| m+p-Xylene | ND | ug/L | 2 | 5/5/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| o-Xylene | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Toluene | ND | ug/L | 1 | 5/5/2010 | WOZ | EPA 8021 | |
| Diesel | ND | mg/L | 0.1 | 6/2/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 6/2/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/L | 0.25 | 5/5/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-008 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 100.2 | 70-130 |
| hexacosane | NWTPHDX | 94.4 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 102.8 | 70-130 |

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Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report

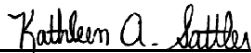
| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|-------------------|
| Sample Number | 100430053-009 | Sampling Date | 4/26/2010 | Date/Time Received | 4/30/2010 3:30 PM |
| Client Sample ID | IADP05-W | Sampling Time | 12:55 PM | Extraction Date | 5/7/10 |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|------|---------------|---------|------------|-----------|
| Diesel | <0.63 | mg/L | 0.63 | 5/9/2010 | MAH | WATPH-HCID | |
| Gasoline | <0.25 | mg/L | 0.25 | 5/9/2010 | MAH | WATPH-HCID | |
| Lube Oil | <0.63 | mg/L | 0.63 | 5/9/2010 | MAH | WATPH-HCID | |
| Diesel | ND | mg/L | 0.1 | 5/9/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 5/9/2010 | MAH | NWTPHDX | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100430053-009 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 102.4 | 50-150 |
| hexacosane | WATPH-HCID | 102.4 | 50-150 |

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|--------------|------------|-------|-----------|------|---------|-----------|---------------|
| Diesel | 0.746 | mg/L | 1 | 74.6 | 50-150 | 5/31/2010 | 6/2/2010 |
| Diesel | 0.681 | mg/L | 1 | 68.1 | 50-150 | 5/7/2010 | 5/9/2010 |
| Diesel | 0.722 | mg/L | 1 | 72.2 | 50-150 | 5/7/2010 | 5/10/2010 |
| Gasoline | 0.874 | mg/L | 1.1 | 79.5 | 70-130 | 5/6/2010 | 5/6/2010 |
| Gasoline | 0.932 | mg/L | 1.1 | 84.7 | 70-130 | 5/5/2010 | 5/5/2010 |
| Toluene | 92.0 | ug/L | 103 | 89.3 | 70-130 | 5/5/2010 | 5/5/2010 |
| o-Xylene | 29.2 | ug/L | 33.4 | 87.4 | 70-130 | 5/5/2010 | 5/5/2010 |
| m+p-Xylene | 68.7 | ug/L | 82.6 | 83.2 | 70-130 | 5/5/2010 | 5/5/2010 |
| Ethylbenzene | 20.4 | ug/L | 23 | 88.7 | 70-130 | 5/5/2010 | 5/5/2010 |
| Benzene | 13.0 | ug/L | 13.6 | 95.6 | 70-130 | 5/5/2010 | 5/5/2010 |

Lab Control Sample Duplicate

| Parameter | LCSD Result | Units | LCSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|-----------|-------------|-------|------------|------|------|---------|-----------|---------------|
| Diesel | 0.704 | mg/L | 1 | 70.4 | 5.8 | 0-50 | 5/31/2010 | 6/2/2010 |
| Diesel | 0.724 | mg/L | 1 | 72.4 | 6.1 | 0-50 | 5/7/2010 | 5/9/2010 |
| Diesel | 0.705 | mg/L | 1 | 70.5 | 2.4 | 0-50 | 5/7/2010 | 5/10/2010 |

Matrix Spike

| Sample Number | Parameter | Sample Result | MS Result | Units | MS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|---------------|--------------|---------------|-----------|-------|----------|-------|---------|-----------|---------------|
| 100430053-001 | Gasoline | ND | 1.03 | mg/L | 1.1 | 93.6 | 70-130 | 5/5/2010 | 5/5/2010 |
| 100430053-001 | Toluene | 1.62 | 106 | ug/L | 103 | 101.3 | 70-130 | 5/5/2010 | 5/5/2010 |
| 100430053-001 | o-Xylene | 1.15 | 33.4 | ug/L | 33.4 | 96.6 | 70-130 | 5/5/2010 | 5/5/2010 |
| 100430053-001 | m+p-Xylene | 2.22 | 78.2 | ug/L | 82.6 | 92.0 | 70-130 | 5/5/2010 | 5/5/2010 |
| 100430053-001 | Ethylbenzene | ND | 23.6 | ug/L | 23 | 102.6 | 70-130 | 5/5/2010 | 5/5/2010 |
| 100430053-001 | Benzene | ND | 14.8 | ug/L | 13.6 | 108.8 | 70-130 | 5/5/2010 | 5/5/2010 |

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|------------|------------|-------|-----------|-------|------|---------|-----------|---------------|
| Gasoline | 1.05 | mg/L | 1.1 | 95.5 | 1.9 | 0-20 | 5/5/2010 | 5/5/2010 |
| Toluene | 109 | ug/L | 103 | 104.3 | 2.8 | 0-20 | 5/5/2010 | 5/5/2010 |
| o-Xylene | 34.7 | ug/L | 33.4 | 100.4 | 4.0 | 0-20 | 5/5/2010 | 5/5/2010 |
| m+p-Xylene | 80.3 | ug/L | 82.6 | 94.5 | 2.7 | 0-20 | 5/5/2010 | 5/5/2010 |

Comments: NEEDS LEVEL 3 Q/C - SAMPLES #3,4,5,6,7,8, 9 EXTRACT PAH AND HOLD FOR DX RESULTS.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100430053
Project Name: DX/GX/BTEX/PAH/HCID

Analytical Results Report Quality Control Data

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|--------------|------------|-------|-----------|-------|------|---------|-----------|---------------|
| Ethylbenzene | 24.4 | ug/L | 23 | 106.1 | 3.3 | 0-20 | 5/5/2010 | 5/5/2010 |
| Benzene | 15.5 | ug/L | 13.6 | 114.0 | 4.6 | 0-20 | 5/5/2010 | 5/5/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------------------------|--------|-------|------|-----------|---------------|
| Benzene | ND | ug/L | 1 | 5/5/2010 | 5/5/2010 |
| Diesel | ND | mg/L | 0.1 | 5/31/2010 | 6/2/2010 |
| Diesel | <0.63 | mg/L | 0.63 | 5/7/2010 | 5/9/2010 |
| Diesel | ND | mg/L | 0.1 | 5/7/2010 | 5/10/2010 |
| Ethylbenzene | ND | ug/L | 1 | 5/5/2010 | 5/5/2010 |
| Gasoline | <0.25 | mg/L | 0.25 | 5/7/2010 | 5/9/2010 |
| Gasoline | ND | mg/L | 0.25 | 5/6/2010 | 5/6/2010 |
| Gasoline | ND | mg/L | 0.25 | 5/5/2010 | 5/5/2010 |
| Lube Oil | ND | mg/L | 0.5 | 5/31/2010 | 6/2/2010 |
| Lube Oil | <0.63 | mg/L | 0.63 | 5/7/2010 | 5/9/2010 |
| Lube Oil | ND | mg/L | 0.5 | 5/7/2010 | 5/10/2010 |
| m+p-Xylene | ND | ug/L | 2 | 5/5/2010 | 5/5/2010 |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 1 | 5/5/2010 | 5/5/2010 |
| o-Xylene | ND | ug/L | 1 | 5/5/2010 | 5/5/2010 |
| Toluene | ND | ug/L | 1 | 5/5/2010 | 5/5/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: NEEDS LEVEL 3 Q/C - SAMPLES #3,4,5,6,7,8, 9 EXTRACT PAH AND HOLD FOR DX RESULTS.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Login Report

Customer Name: GEO ENGINEERS

523 E 2ND

SPOKANE

WA

99202

Order ID: 100430053

Order Date: 4/30/2010

Contact Name: DAVE LAUDER

Project Name: DX/GX/BTEX/PAH/HCID

Comment: NEEDS LEVEL 3 Q/C - SAMPLES #3,4,5,6,7,8, 9 EXTRACT
PAH AND HOLD FOR DX RESULTS.

Sample #: 100430053-001 **Customer Sample #:** CGDP25-W

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/30/2010

Quantity: 1

Matrix: Water

Date Received: 4/30/2010 3:30:00 P

Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|---------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100430053-002 **Customer Sample #:** CGDP24-W

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/29/2010

Quantity: 1

Matrix: Water

Date Received: 4/30/2010 3:30:00 P

Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|---------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/7/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/7/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100430053-003 **Customer Sample #:** CGWT

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/29/2010

Quantity: 1

Matrix: Water

Date Received: 4/30/2010 3:30:00 P

Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|---------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100430053
Order Date: 4/30/2010

Contact Name: DAVE LAUDER

Project Name: DX/GX/BTEX/PAH/HCID

Comment: NEEDS LEVEL 3 Q/C - SAMPLES #3,4,5,6,7,8, 9 EXTRACT
PAH AND HOLD FOR DX RESULTS.

Sample #: 100430053-004 **Customer Sample #:** CGDP22-W

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Water **Date Received:** 4/30/2010 3:30:00 P
Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|----------------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100430053-005 **Customer Sample #:** CGDP21W

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Water **Date Received:** 4/30/2010 3:30:00 P
Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|----------------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100430053-006 **Customer Sample #:** IKDP19-W

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Water **Date Received:** 4/30/2010 3:30:00 P
Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|----------------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100430053-007 **Customer Sample #:** IKDP18-W

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Water **Date Received:** 4/30/2010 3:30:00 P
Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|----------------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100430053
Order Date: 4/30/2010

Contact Name: DAVE LAUDER

Project Name: DX/GX/BTEX/PAH/HCID

Comment: NEEDS LEVEL 3 Q/C - SAMPLES #3,4,5,6,7,8, 9 EXTRACT
PAH AND HOLD FOR DX RESULTS.

| | | | |
|----------|---------|-----------|---------------------------|
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100430053-008 **Customer Sample #:** IKDP17-W

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Water **Date Received:** 4/30/2010 3:30:00 P

Comment:

| Test | Method | Due Date | Priority |
|-----------|----------|-----------|---------------------------|
| BTEX 8021 | EPA 8021 | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/10/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100430053-009 **Customer Sample #:** IAPD05-W

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/26/2010
Quantity: 1 **Matrix:** Water **Date Received:** 4/30/2010 3:30:00 P

Comment:

| Test | Method | Due Date | Priority |
|----------|------------|-----------|---------------------------|
| HCID | WATPH-HCID | 5/10/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/10/2010 | <u>Normal (6-10 Days)</u> |

SAMPLE CONDITION RECORD

| | |
|---|------------|
| Samples received in a cooler? | Yes |
| Samples received intact? | Yes |
| What is the temperature inside the cooler? | 5.3/7.6/5. |
| Samples received with a COC? | Yes |
| Samples received within holding time? | Yes |
| Are all sample bottles properly preserved? | Yes |
| Are VOC samples free of headspace? | Yes |
| Is there a trip blank to accompany VOC samples? | Yes |
| Labels and chain agree? | Yes |



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Chain of Custody Record

Company Name: WestEngineering

Project Manager: Dave Handley

Address: 523 E 2nd Ave

Project Name & #:

City: Spokane State: WA Zip: 99201

Phone:

Email Address:

Fax:

Purchase Order #:

Sampler Name & pickup: WestEng Custody 785 760 0110

Provide Sample Description

List Analyses Requested

| Lab ID | Sample Identification | Sampling Date/Time | Matrix | # of Containers | Sample Volume | Preservatives | | | |
|--------|-----------------------|--------------------|--------|-----------------|---------------|---------------|----------|------|------|
| | | | | | | NUTPH-Dx | NUTPH-Gx | BTEX | PAHs |
| 1 | CGDP25-W | 4-30-10 1010 | W | 7 | X | X | X | X | |
| 2 | CGDP24-W | 4-29-10 1600 | W | 6 | X | X | X | X | |
| 3 | CGBT | 4-29-10 1300 | W | 8 | X | X | X | X | |
| 4 | CGDP22-W | 4-29-10 1230 | W | 6 | X | X | X | X | |
| 5 | CGDP21-W | 4-29-10 950 | W | 6 | X | X | X | X | |
| 6 | IKDP19-W | 4-28-10 1415 | W | 6 | X | X | X | X | |
| 7 | IKDP18-W | 4-28-10 1220 | W | 7 | X | X | X | X | |
| 8 | IKDP17-W | 4-28-10 1030 | W | 7 | X | X | X | X | |
| 9 | IPDD05-W | 4-26-10 1255 | W | 5 | X | | | X | |

Note: Special Instructions/Comments

Level 3 QC

Held til Monday for actual analysis requests

Extract and hold PAHs pending DX results. \$25 per sample eqt.

Inspection Checklist

Received Intact? N
 Labels & Chains Agreed? N
 Containers Sealed? N
 VOC Head Space? Y

hand del 13 coolers

Temperature (°C): 53 / 76 / 5.4 °

Preservative: Ice / HCl / various

Date & Time: 4-30-10 / 9:15

Inspected By: qkr

100430 053 **GEOE** 1st 5/10/2010
 1st SAMP 4/26/2010 1st RCVD 4/30/2010
 DX/GX/BTEX/PAH/HCID

Please refer to our normal turn around times at <http://www.earthlink.com/service/guidelines/reporting.asp>

Normal * All rush order requests must be prior approved.
 Next Day Phone
 2nd Day Mail
 Other Fax
 Email

| Received by | Printed Name | Signature | Company | Date | Time |
|-----------------|------------------------|--------------------|------------------------|-------------|-------------|
| Relinquished by | <u>WestEng Custody</u> | <u>[Signature]</u> | <u>WestEngineering</u> | <u>4/30</u> | <u>1530</u> |
| Relinquished by | | | | | |
| Received by | | | | | |
| Relinquished by | | | | | |
| Received by | | | | | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-001 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-15-16 | Sampling Time | 8:50 AM | Extraction Date | 5/7/2010 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|---------|-----|---------------|---------|-----------|-----------|
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/7/2010 | WOZ | NWTPHG | |
| %moisture | 7.2 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504046-001 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| hexacosane | | NWTPHDX | 84.6 | 50-150 |
| 4-Bromofluorobenzene | | NWTPHG | 102.0 | 50-150 |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-002 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|----------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP21-27-27.8 | Sampling Time | 9:00 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/7/2010 | WOZ | NWTPHG | |
| %moisture | 5.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-002 | | | | | |
|----------------------|---------------|------------------|----------------|--|--|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | | | |
| hexacosane | NWTPHDX | 84.0 | 50-150 | | | |
| 4-Bromofluorobenzene | NWTPHG | 102.5 | 50-150 | | | |

| Sample Number | 100504046-003 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP21-37-38 | Sampling Time | 9:15 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | | |
| | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | 188 | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | 768 | mg/Kg | 50 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 7.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-003 | | | | | |
|----------------------|---------------|------------------|----------------|--|--|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | | | |
| hexacosane | NWTPHDX | 80.6 | 50-150 | | | |
| 4-Bromofluorobenzene | NWTPHG | 111.0 | 50-150 | | | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-004 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|-----------|-----------|
| Client Sample ID | CGDP21-41.5-42.5 | Sampling Time | 9:25 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 4.25 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/7/2010 | WOZ | NWTPHG | |
| %moisture | 15.8 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-004 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 90.0 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 102.8 | 50-150 |

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Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-005 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP22-16-17 | Sampling Time | 10:25 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/7/2010 | WOZ | NWTPHG | |
| %moisture | 5.4 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-005 | | | | | |
|----------------------|---------------|------------------|----------------|--|--|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | | | |
| hexacosane | NWTPHDX | 87.0 | 50-150 | | | |
| 4-Bromofluorobenzene | NWTPHG | 103.6 | 50-150 | | | |

| Sample Number | 100504046-006 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP22-32-33 | Sampling Time | 10:40 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 4.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-006 | | | | | |
|----------------------|---------------|------------------|----------------|--|--|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | | | |
| hexacosane | NWTPHDX | 86.6 | 50-150 | | | |
| 4-Bromofluorobenzene | NWTPHG | 103.5 | 50-150 | | | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-007 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|-----------|-----------|
| Client Sample ID | CGDP22-40-41 | Sampling Time | 11:15 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 5.46 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/12/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/12/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 11.4 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-007 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 83.0 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 104.1 | 50-150 |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-008 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|-----------|-----------|
| Client Sample ID | CGDP23-41.5-42.3 | Sampling Time | 2:35 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 5.35 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/12/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/12/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 9.9 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-008 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 82.6 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 111.4 | 50-150 |

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Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-009 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP24-27-28 | Sampling Time | 3:20 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/12/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/12/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 4.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-009 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 86.0 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 108.1 | 50-150 | |

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Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-010 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|-----------|-----------|
| Client Sample ID | CGDP24-37.4-38 | Sampling Time | 3:35 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 4.16 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | 27.8 | mg/kg | 25 | 5/12/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/12/2010 | MAH | NWTPHDX | |
| Gasoline | 1060 | mg/Kg | 50 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 7.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-010 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 82.4 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 119.5 | 50-150 |

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Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-011 | Sampling Date | 4/30/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP25-37-38 | Sampling Time | 9:45 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 4.41 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | 40.5 | mg/kg | 25 | 5/12/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/12/2010 | MAH | NWTPHDX | |
| Gasoline | 1130 | mg/Kg | 500 | 5/11/2010 | WOZ | NWTPHG | |
| %moisture | 6 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-011 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 82.8 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 112.5 | 50-150 |

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Analytical Results Report

| Sample Number | 100504046-012 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|------------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP21-42.5-43.5 | Sampling Time | 9:30 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/12/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/12/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/11/2010 | WOZ | NWTPHG | |
| %moisture | 30.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504046-012 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 82.2 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 102.3 | 50-150 | |

Authorized Signature


Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-001 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-15-16 | Sampling Time | 8:50 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-001 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-15-16 | Sampling Time | 8:50 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-001 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-15-16 | Sampling Time | 8:50 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 7.2 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-001 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-15-16 | Sampling Time | 8:50 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-001 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 104.4 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 96.0 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 94.4 | | 70-130 | |

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Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-002 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-27-27.8 | Sampling Time | 9:00 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-002 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-27-27.8 | Sampling Time | 9:00 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504046-002 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | CGDP21-27-27.8 | Sampling Time | 9:00 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroflouromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 5.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-002 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-27-27.8 | Sampling Time | 9:00 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-002 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 104.8 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 96.8 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 98.4 | | 70-130 | |

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Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-003 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-37-38 | Sampling Time | 9:15 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 30.5 | mg/kg | 1.25 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.05 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 9.28 | mg/kg | 1.25 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-003 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-37-38 | Sampling Time | 9:15 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 6.08 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 0.865 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504046-003 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | CGDP21-37-38 | Sampling Time | 9:15 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|-------|---------------|---------|-----------|-----------|
| m+p-Xylene | 27.4 | mg/kg | 1.25 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | 5.00 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | 1.17 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 4.09 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | 13.3 | mg/kg | 1.25 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | 0.249 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | 1.67 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 7.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-003 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-37-38 | Sampling Time | 9:15 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504046-003 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 1,2-Dichlorobenzene-d4 | EPA 8260B | 102.8 | 70-130 |
| 4-Bromofluorobenzene | EPA 8260B | 96.4 | 70-130 |
| Toluene-d8 | EPA 8260B | 96.4 | 70-130 |

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Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-004 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-41.5-42.5 | Sampling Time | 9:25 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.0261 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-004 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-41.5-42.5 | Sampling Time | 9:25 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-004 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------------|------------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP21-41.5-42.5 | Sampling Time | 9:25 AM | Extraction Date | 5/5/10 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | 0.0225 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 15.8 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-004 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-41.5-42.5 | Sampling Time | 9:25 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-004 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 99.6 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 93.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 99.6 | | 70-130 | |

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Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-005 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-16-17 | Sampling Time | 10:25 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-005 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-16-17 | Sampling Time | 10:25 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-005 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-16-17 | Sampling Time | 10:25 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 5.4 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-005 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-16-17 | Sampling Time | 10:25 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-005 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 99.2 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 96.0 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 97.6 | | 70-130 | |

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Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504046-006 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | CGDP22-32-33 | Sampling Time | 10:40 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-006 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-32-33 | Sampling Time | 10:40 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-006 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-32-33 | Sampling Time | 10:40 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroflouromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 4.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-006 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-32-33 | Sampling Time | 10:40 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-006 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 103.2 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 97.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 98.8 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

Sample Number 100504046-007 **Sampling Date** 4/29/2010 **Date/Time Received** 5/4/2010 4:00 PM
Client Sample ID CGDP22-40-41 **Sampling Time** 11:15 AM **Extraction Date** 5/5/10
Matrix Soil **Sample Location**
Comments

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.0309 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

Sample Number 100504046-007 **Sampling Date** 4/29/2010 **Date/Time Received** 5/4/2010 4:00 PM
Client Sample ID CGDP22-40-41 **Sampling Time** 11:15 AM **Extraction Date** 5/5/10
Matrix Soil **Sample Location**
Comments

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-007 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------------|---------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP22-40-41 | Sampling Time | 11:15 AM | Extraction Date | 5/5/10 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| m+p-Xylene | 0.0259 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | 0.0148 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | 0.0252 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 11.4 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-007 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP22-40-41 | Sampling Time | 11:15 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-007 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 102.4 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 94.0 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 97.6 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-008 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP23-41.5-42.3 | Sampling Time | 2:35 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504046-008 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | CGDP23-41.5-42.3 | Sampling Time | 2:35 PM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504046-008 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | CGDP23-41.5-42.3 | Sampling Time | 2:35 PM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 9.9 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-008 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP23-41.5-42.3 | Sampling Time | 2:35 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-008 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.8 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 97.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 101.2 | | 70-130 | |

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Address: 523 E 2ND
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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-009 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP24-27-28 | Sampling Time | 3:20 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

Sample Number 100504046-009 **Sampling Date** 4/29/2010 **Date/Time Received** 5/4/2010 4:00 PM
Client Sample ID CGDP24-27-28 **Sampling Time** 3:20 PM **Extraction Date** 5/12/10
Matrix Soil **Sample Location**
Comments

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-009 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP24-27-28 | Sampling Time | 3:20 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 4.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-009 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP24-27-28 | Sampling Time | 3:20 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-009 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 101.6 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 97.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 95.6 | | 70-130 | |

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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504046-010 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | CGDP24-37.4-38 | Sampling Time | 3:35 PM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 11.9 | mg/kg | 1.25 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.05 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 3.28 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |

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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-010 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP24-37.4-38 | Sampling Time | 3:35 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-010 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP24-37.4-38 | Sampling Time | 3:35 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|-------|---------------|---------|-----------|-----------|
| m+p-Xylene | 1.01 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | 4.39 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | 0.928 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 0.735 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | 0.662 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | 0.148 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 7.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-010 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP24-37.4-38 | Sampling Time | 3:35 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504046-010 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 1,2-Dichlorobenzene-d4 | EPA 8260B | 104.4 | 70-130 |
| 4-Bromofluorobenzene | EPA 8260B | 98.8 | 70-130 |
| Toluene-d8 | EPA 8260B | 94.8 | 70-130 |

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Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-011 | Sampling Date | 4/30/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP25-37-38 | Sampling Time | 9:45 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 17.3 | mg/kg | 1.25 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.05 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 4.02 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |

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Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-011 | Sampling Date | 4/30/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP25-37-38 | Sampling Time | 9:45 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 0.252 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 0.225 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-011 | Sampling Date | 4/30/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP25-37-38 | Sampling Time | 9:45 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|-------|---------------|---------|-----------|-----------|
| m+p-Xylene | 2.51 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | 2.72 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | 0.668 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 1.25 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | 1.48 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | 0.131 | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 6 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-011 | Sampling Date | 4/30/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP25-37-38 | Sampling Time | 9:45 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504046-011 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 1,2-Dichlorobenzene-d4 | EPA 8260B | 104.4 | 70-130 |
| 4-Bromofluorobenzene | EPA 8260B | 99.6 | 70-130 |
| Toluene-d8 | EPA 8260B | 98.8 | 70-130 |

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Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-012 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-42.5-43.5 | Sampling Time | 9:30 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.0353 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |

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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-012 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-42.5-43.5 | Sampling Time | 9:30 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

| Sample Number | 100504046-012 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------------|------------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | CGDP21-42.5-43.5 | Sampling Time | 9:30 AM | Extraction Date | 5/5/10 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | 0.0161 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 30.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report

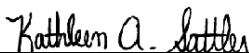
| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504046-012 | Sampling Date | 4/29/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | CGDP21-42.5-43.5 | Sampling Time | 9:30 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504046-012 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 102.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 93.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 98.8 | | 70-130 | |

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit
V Analyte was detected in both the sample and the associated method blank

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|--------------------|------------|-------|-----------|-------|---------|-----------|---------------|
| 1,1-Dichloroethene | 0.182 | mg/kg | 0.25 | 72.8 | 77-138 | 5/12/2010 | 5/12/2010 |
| Benzene | 0.249 | mg/kg | 0.25 | 99.6 | 83-127 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | 0.233 | mg/kg | 0.25 | 93.2 | 78-119 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | 0.235 | mg/kg | 0.25 | 94.0 | 76-124 | 5/5/2010 | 5/7/2010 |
| o-Xylene | 0.260 | mg/kg | 0.25 | 104.0 | 77-121 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | 0.242 | mg/kg | 0.25 | 96.8 | 68-130 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | 0.253 | mg/kg | 0.25 | 101.2 | 77-138 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | 0.253 | mg/kg | 0.25 | 101.2 | 73-124 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | 0.203 | mg/kg | 0.25 | 81.2 | 73-124 | 5/12/2010 | 5/12/2010 |
| Benzene | 0.218 | mg/kg | 0.25 | 87.2 | 83-127 | 5/12/2010 | 5/12/2010 |
| Chlorobenzene | 0.222 | mg/kg | 0.25 | 88.8 | 78-119 | 5/12/2010 | 5/12/2010 |
| Ethylbenzene | 0.214 | mg/kg | 0.25 | 85.6 | 76-124 | 5/12/2010 | 5/12/2010 |
| o-Xylene | 0.212 | mg/kg | 0.25 | 84.8 | 77-121 | 5/12/2010 | 5/12/2010 |
| Tetrachloroethene | 0.219 | mg/kg | 0.25 | 87.6 | 68-130 | 5/12/2010 | 5/12/2010 |
| Toluene | 0.210 | mg/kg | 0.25 | 84.0 | 77-123 | 5/12/2010 | 5/12/2010 |
| Toluene | 0.240 | mg/kg | 0.25 | 96.0 | 77-123 | 5/5/2010 | 5/7/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|---------------------------|--------|-------|-------|-----------|---------------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1-dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-dichloropropene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------------------------------|--------|-------|-------|-----------|---------------|
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2,4-Trimethylbenzene | 0.0284 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,3-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 2,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2,2-Dichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 2-Chlorotoluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 2-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2-hexanone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| 2-hexanone | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| 4-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 4-Chlorotoluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Acetone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Acetone | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| Acrylonitrile | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-------------------------|--------|-------|-------|-----------|---------------|
| Acrylonitrile | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Benzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Benzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromochloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromodichloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromodichloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromoform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromoform | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromomethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Carbon disulfide | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Carbon disulfide | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Carbon Tetrachloride | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Carbon Tetrachloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Chloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Chloroform | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Chloroform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| cis-1,2-dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,2-dichloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Dibromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dibromochloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Dibromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dibromomethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Dichlorodifluoromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dichlorodifluoromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Ethylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-------------------------------|--------|-------|-------|-----------|---------------|
| Hexachlorobutadiene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Hexachlorobutadiene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Isopropylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Isopropylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| m+p-Xylene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| m+p-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| Methylene chloride | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methylene chloride | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Naphthalene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Naphthalene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Butylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| n-Propylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Propylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| o-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| o-Xylene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| p-isopropyltoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| p-isopropyltoluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| sec-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| sec-Butylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Styrene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Styrene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| tert-Butylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| tert-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Toluene | 0.0210 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Toluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|---------------------------|--------|-------|-------|-----------|---------------|
| trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Trichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Trichloroflouromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroflouromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Vinyl Chloride | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Vinyl Chloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|------|---------|-----------|---------------|
| Gasoline | 24.0 | mg/kg | 27.5 | 87.3 | 70-130 | 5/5/2010 | 5/11/2010 |
| Lead | 0.0380 | mg/kg | 0.04 | 95.0 | 80-120 | 5/10/2010 | 5/10/2010 |
| Gasoline | 25.8 | mg/kg | 27.5 | 93.8 | 70-130 | 5/5/2010 | 5/8/2010 |
| Gasoline | 22.8 | mg/kg | 27.5 | 82.9 | 70-130 | 5/5/2010 | 5/7/2010 |
| Diesel | 66.5 | mg/kg | 100 | 66.5 | 50-150 | 5/7/2010 | 5/12/2010 |

Matrix Spike

| Sample Number | Parameter | Sample Result | MS Result | Units | MS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|---------------|-----------|---------------|-----------|-------|----------|------|---------|-----------|---------------|
| 100504048-013 | Gasoline | 23.2 | 46.3 | mg/kg | 27.5 | 84.0 | 70-130 | 5/5/2010 | 5/11/2010 |
| 100504047-002 | Lead | 5.32 | 23.4 | mg/kg | 20.8 | 86.9 | 75-125 | 5/10/2010 | 5/10/2010 |
| 100504046-007 | Gasoline | ND | 22.4 | mg/kg | 24.3 | 92.2 | 70-130 | 5/5/2010 | 5/8/2010 |
| 100504046-002 | Diesel | ND | 77.1 | mg/kg | 100 | 77.1 | 50-150 | 5/7/2010 | 5/12/2010 |
| 100504046-001 | Gasoline | ND | 22.7 | mg/kg | 24.6 | 92.3 | 70-130 | 5/5/2010 | 5/7/2010 |

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|-------|------|---------|-----------|---------------|
| Gasoline | 49.8 | mg/kg | 27.5 | 96.7 | 14.1 | 0-20 | 5/5/2010 | 5/11/2010 |
| Lead | 23.8 | mg/kg | 20.7 | 89.3 | 1.7 | 0-20 | 5/10/2010 | 5/10/2010 |
| Gasoline | 24.5 | mg/kg | 24.3 | 100.8 | 9.0 | 0-20 | 5/5/2010 | 5/8/2010 |
| Diesel | 65.9 | mg/kg | 100 | 65.9 | 15.7 | 0-50 | 5/7/2010 | 5/12/2010 |
| Gasoline | 22.6 | mg/kg | 24.6 | 91.9 | 0.4 | 0-20 | 5/5/2010 | 5/7/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------|--------|-------|-------|-----------|---------------|
| Diesel | ND | mg/kg | 25 | 5/7/2010 | 5/12/2010 |
| Gasoline | ND | mg/Kg | 5 | 5/5/2010 | 5/11/2010 |
| Gasoline | ND | mg/Kg | 5 | 5/5/2010 | 5/8/2010 |
| Gasoline | ND | mg/Kg | 5 | 5/5/2010 | 5/7/2010 |
| Lead | ND | mg/Kg | 0.001 | 5/10/2010 | 5/10/2010 |
| Lube Oil | ND | mg/kg | 100 | 5/7/2010 | 5/12/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504046
Project Name: IONE CABIN GRILL 0504-058-00 400

Analytical Results Report Quality Control Data

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Login Report

Customer Name: GEO ENGINEERS

523 E 2ND

SPOKANE

WA

99202

Order ID: 100504046

Order Date: 5/4/2010

Contact Name: DAVE LAUDER

Comment: LEVEL III Q/C

Project Name: IONE CABIN GRILL

0504-058-00 400

Sample #: 100504046-001 **Customer Sample #:** CGDP21-15-16

Recv'd:

Collector: KATE CASSIDY

Date Collected: 4/29/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-002 **Customer Sample #:** CGDP21-27-27.8

Recv'd:

Collector: KATE CASSIDY

Date Collected: 4/29/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-002A **Customer Sample #:** QC

Recv'd:

Collector: KATE CASSIDY

Date Collected: 4/29/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 4/29/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504046
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE CABIN GRILL
0504-058-00 400

Sample #: 100504046-003 **Customer Sample #:** CGDP21-37-38

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-004 **Customer Sample #:** CGDP21-41.5-42.5

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-005 **Customer Sample #:** CGDP22-16-17

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504046
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE CABIN GRILL
0504-058-00 400

Sample #: 100504046-006 **Customer Sample #:** CGDP22-32-33

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-007 **Customer Sample #:** CGDP22-40-41

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-008 **Customer Sample #:** CGDP23-41.5-42.3

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100504046
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE CABIN GRILL
0504-058-00 400

Sample #: 100504046-009 **Customer Sample #:** CGDP24-27-28

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-010 **Customer Sample #:** CGDP24-37.4-38

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504046-011 **Customer Sample #:** CGDP25-37-38

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/30/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100504046
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE CABIN GRILL
0504-058-00 400

Sample #: 100504046-012 **Customer Sample #:** CGDP21-42.5-43.5

Recv'd: **Collector:** KATE CASSIDY **Date Collected:** 4/29/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

SAMPLE CONDITION RECORD

| | |
|---|---------|
| Samples received in a cooler? | Yes |
| Samples received intact? | Yes |
| What is the temperature inside the cooler? | 5.2/5.2 |
| Samples received with a COC? | Yes |
| Samples received within holding time? | Yes |
| Are all sample bottles properly preserved? | Yes |
| Are VOC samples free of headspace? | Yes |
| Is there a trip blank to accompany VOC samples? | N/A |
| Labels and chain agree? | Yes |



Chain of Custody Record

100504 046 **GEOE** Last Due 5/14/2010
 1st SAMP 4/29/2010 1st RCVD 5/4/2010
 ONE CABIN GRILL 0504-058-00 400

1282 Altimas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

Company Name: Geo Engineers Project Manager: Dave Louder
 Address: 503 E 2nd Project Name & #: One Cabin Grill 0504-053-00 400
 City: Spokane State: WA Zip: 99202 Email Address:
 Phone: Purchase Order #:
 Fax: Sampler Name & phone: Kathlene Convery 785 366 011

Please refer to our website for standard forms at:
<http://www.anateklabs.com/services/guidelinesreporting.asp>
 Normal *All rush order requests must be prior approved.
 Next Day*
 2nd Day*
 Other*
 Phone _____
 Mail _____
 Fax _____
 Email _____

Note Special Instructions/Comments

* Tier III Data Package *
 SWBS
 PX, Pb - M Pest - S
 e - if enough volume to send De, please
 Sun Day!

Provide Sample Description

| Lab ID | Sample Identification | Sampling Date/Time | Matrix | Preservation | | List Analyses Requested | | | | | | |
|--------|-----------------------|--------------------|--------|-----------------|---------------|-------------------------|--------|--------|--------|------|---------------|--|
| | | | | # of Containers | Sample Volume | WUTM-HCID | WUTM-P | WUTM-S | WUTM-G | VOCs | EM (lead/700) | |
| 1 | 66DP21-15-16 | 4-23-10 8:50 | S | 2 | 8oz | | X | X | X | X | | |
| 2 | 66DP21-27-27-8 | 4-23-10 9:00 | S | 2 | 8oz | | X | X | X | X | | |
| 3 | 66DP21-37-38 | 4-29-10 9:15 | S | 2 | 8oz | | X | X | X | X | | |
| 4 | 66DP21-41.5-42.5 | 4-29-10 9:25 | S | 1 | 8oz | | X | X | X | X | | |
| 5 | 66DP22-16-17 | 4-29-10 10:05 | S | 2 | 8oz | | X | X | X | X | | |
| 6 | 66DP22-32-33 | 4-29-10 10:40 | S | 2 | 8oz | | X | X | X | X | | |
| 7 | 66DP22-40-41 | 4-29-10 11:15 | S | 1 | 8oz | | X | X | X | X | | |
| 8 | 66DP23-41.5-42.3 | 4-29-10 14:35 | S | 2 | 8oz | | X | X | X | X | | |
| 9 | 66DP24-27-28 | 4-27-10 15:20 | S | 2 | 8oz | | X | X | X | X | | |
| 10 | 66DP24-31.4-33 | 4-27-10 15:35 | S | 2 | 8oz | | X | X | X | X | | |
| 11 | 66DP25-37-38 | 4-30-10 9:45 | S | 2 | 8oz | | 0 | X | X | X | | |
| 12 | 66DP21-42.5-41.5 | 4-27-10 7:30 | S | 1 | 4oz | | | | | | | |

Inspection Checklist

Received Intact? Y N
 Labels & Chains Agree? Y N
 Containers Sealed? Y N
 VOC Head Space? Y N

Temperature (C): 5.2 / 96.52
 Preservative: ICE
 Date & Time: 5-4-10
 Inspected By: KIS

Signature: [Signature] Date: 5-4-10 Time: 1600
 Company: Anatek

Relinquished by: Kathlene Convery
 Received by: [Signature]
 Relinquished by:
 Received by:
 Relinquished by:
 Received by:

page 1 of 1

Anatek Labs, Inc.

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504047-001 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IADP01-31.5-32.1 | Sampling Time | 10:50 AM | Extraction Date | 5/7/2010 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|---------|-----|---------------|---------|------------|-----------|
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 22.7 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|------------|-------------------------|------|-----------------------|--------|
| Sample Number | 100504047-001 | | | | | | |
| Surrogate Standard | hexacosane | Method | WATPH-HCID | Percent Recovery | 87.0 | Control Limits | 50-150 |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| Sample Number | 100504047-002 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|----------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | IADP03-18-18.7 | Sampling Time | 9:10 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 5.32 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 4.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504047-002 | | | | | |
|----------------------|---------------|------------------|----------------|--|--|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | | | |
| hexacosane | NWTPHDX | 87.4 | 50-150 | | | |
| 4-Bromofluorobenzene | NWTPHG | 102.3 | 50-150 | | | |

| Sample Number | 100504047-003 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | IADP03-30-31 | Sampling Time | 9:30 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 4.7 | Percent | | 5/10/2010 | ETL | %moisture | |

Surrogate Data

| Sample Number | 100504047-003 | | | | | |
|----------------------|---------------|------------------|----------------|--|--|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | | | |
| hexacosane | WATPH-HCID | 86.2 | 50-150 | | | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | | | |
|-------------------------|------------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504047-004 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IADP05-17.5-18.5 | Sampling Time | 12:20 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 7.52 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 7.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|
| Sample Number | 100504047-004 | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits |
| hexacosane | | NWTPHDX | | 85.0 | | 50-150 |
| 4-Bromofluorobenzene | | NWTPHG | | 101.2 | | 50-150 |

| | | | | | | | |
|-------------------------|----------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504047-005 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IADP05-32-33.3 | Sampling Time | 12:35 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 13.1 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|
| Sample Number | 100504047-005 | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits |
| hexacosane | | WATPH-HCID | | 83.8 | | 50-150 |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504047-006 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IADP06-25-26 | Sampling Time | 2:05 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 3.8 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504047-006 | Method | Percent Recovery | Control Limits |
| Surrogate Standard | hexacosane | WATPH-HCID | 85.2 | 50-150 |

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504047-007 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IADP07-25-26 | Sampling Time | 2:50 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 4.2 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504047-007 | Method | Percent Recovery | Control Limits |
| Surrogate Standard | hexacosane | WATPH-HCID | 85.0 | 50-150 |

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Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| Sample Number | 100504047-008 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|----------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | IADP07-32-33.3 | Sampling Time | 2:55 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 8.4 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504047-008 | Method | Percent Recovery | Control Limits |
| Surrogate Standard | hexacosane | WATPH-HCID | 82.8 | 50-150 |

| Sample Number | 100504047-009 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|------------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | IADP08-31.5-32.5 | Sampling Time | 4:15 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 8.4 | Percent | | 5/18/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504047-009 | Method | Percent Recovery | Control Limits |
| Surrogate Standard | hexacosane | WATPH-HCID | 83.0 | 50-150 |

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Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| Sample Number | 100504047-010 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|------------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | IADP09-325-.33.5 | Sampling Time | 10:20 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 6.3 | Percent | | 5/10/2010 | ETL | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504047-010 | Method | Percent Recovery | Control Limits |
| Surrogate Standard | hexacosane | WATPH-HCID | 80.6 | 50-150 |

| Sample Number | 100504047-011 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|----------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | IADP10-33-34.5 | Sampling Time | 11:20 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 3.7 | Percent | | 5/10/2010 | ETL | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504047-011 | Method | Percent Recovery | Control Limits |
| Surrogate Standard | hexacosane | WATPH-HCID | 87.8 | 50-150 |

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Analytical Results Report

| Sample Number | 100504047-012 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | DUPLICATE | Sampling Time | 12:34 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 5.3 | Percent | | 5/10/2010 | ETL | %moisture | |

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|------------|-------------------------|------|-----------------------|--------|
| Sample Number | 100504047-012 | | | | | | |
| Surrogate Standard | hexacosane | Method | WATPH-HCID | Percent Recovery | 85.0 | Control Limits | 50-150 |

Authorized Signature


Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504047-002 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IADP03-18-18.7 | Sampling Time | 9:10 AM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.0197 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 0.0194 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Analytical Results Report

| | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504047-002 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IADP03-18-18.7 | Sampling Time | 9:10 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 2-hexanone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504047-002 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IADP03-18-18.7 | Sampling Time | 9:10 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | 0.0131 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 4.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | |
|-------------------------|----------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504047-002 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IADP03-18-18.7 | Sampling Time | 9:10 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504047-002 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 101.6 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 95.2 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 96.4 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504047-004 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IADP05-17.5-18.5 | Sampling Time | 12:20 PM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.0147 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 0.0137 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

Sample Number 100504047-004 **Sampling Date** 4/26/2010 **Date/Time Received** 5/4/2010 4:00 PM
Client Sample ID IADP05-17.5-18.5 **Sampling Time** 12:20 PM **Extraction Date** 5/5/10
Matrix Soil **Sample Location**
Comments

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504047-004 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IADP05-17.5-18.5 | Sampling Time | 12:20 PM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | 0.0182 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 7.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report

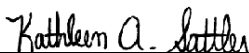
| | | | | | |
|-------------------------|------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504047-004 | Sampling Date | 4/26/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IADP05-17.5-18.5 | Sampling Time | 12:20 PM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504047-004 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | 103.2 | 70-130 |
| 4-Bromofluorobenzene | | EPA 8260B | 96.4 | 70-130 |
| Toluene-d8 | | EPA 8260B | 100.0 | 70-130 |

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit
V Analyte was detected in both the sample and the associated method blank

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|------|---------|-----------|---------------|
| Lead | 0.0380 | mg/kg | 0.04 | 95.0 | 80-120 | 5/10/2010 | 5/10/2010 |
| Gasoline | 25.8 | mg/kg | 27.5 | 93.8 | 70-130 | 5/5/2010 | 5/8/2010 |
| Diesel | 69.3 | mg/kg | 100 | 69.3 | 50-150 | 5/7/2010 | 5/10/2010 |
| Diesel | 70.5 | mg/kg | 100 | 70.5 | 50-150 | 5/7/2010 | 5/11/2010 |
| Gasoline | 22.8 | mg/kg | 27.5 | 82.9 | 70-130 | 5/5/2010 | 5/7/2010 |
| Diesel | 66.5 | mg/kg | 100 | 66.5 | 50-150 | 5/7/2010 | 5/12/2010 |

Matrix Spike

| Sample Number | Parameter | Sample Result | MS Result | Units | MS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|----------------|-----------|---------------|-----------|-------|----------|------|---------|-----------|---------------|
| 100504048-002 | Diesel | <50 | 74.2 | mg/kg | 100 | 74.2 | 50-150 | 5/7/2010 | 5/10/2010 |
| 100504047-002 | Lead | 5.32 | 23.4 | mg/kg | 20.8 | 86.9 | 75-125 | 5/10/2010 | 5/10/2010 |
| 100504046-007 | Gasoline | ND | 22.4 | mg/kg | 24.3 | 92.2 | 70-130 | 5/5/2010 | 5/8/2010 |
| 100504046-002A | Diesel | <50 | 73.2 | mg/kg | 100 | 73.2 | 50-150 | 5/7/2010 | 5/11/2010 |
| 100504046-002 | Diesel | ND | 77.1 | mg/kg | 100 | 77.1 | 50-150 | 5/7/2010 | 5/12/2010 |
| 100504046-001 | Gasoline | ND | 22.7 | mg/kg | 24.6 | 92.3 | 70-130 | 5/5/2010 | 5/7/2010 |

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|-------|------|---------|-----------|---------------|
| Diesel | 67.4 | mg/kg | 100 | 67.4 | 9.6 | 0-25 | 5/7/2010 | 5/10/2010 |
| Lead | 23.8 | mg/kg | 20.7 | 89.3 | 1.7 | 0-20 | 5/10/2010 | 5/10/2010 |
| Gasoline | 24.5 | mg/kg | 24.3 | 100.8 | 9.0 | 0-20 | 5/5/2010 | 5/8/2010 |
| Diesel | 68.2 | mg/kg | 100 | 68.2 | 7.1 | 0-25 | 5/7/2010 | 5/11/2010 |
| Diesel | 65.9 | mg/kg | 100 | 65.9 | 15.7 | 0-50 | 5/7/2010 | 5/12/2010 |
| Gasoline | 22.6 | mg/kg | 24.6 | 91.9 | 0.4 | 0-20 | 5/5/2010 | 5/7/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------|--------|-------|-----|-----------|---------------|
| Diesel | <50 | mg/kg | 50 | 5/7/2010 | 5/10/2010 |
| Diesel | <50 | mg/kg | 50 | 5/7/2010 | 5/11/2010 |
| Diesel | ND | mg/kg | 25 | 5/7/2010 | 5/12/2010 |
| Gasoline | ND | mg/Kg | 5 | 5/5/2010 | 5/8/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------|--------|-------|-------|-----------|---------------|
| Gasoline | <25 | mg/kg | 25 | 5/7/2010 | 5/10/2010 |
| Gasoline | <25 | mg/kg | 25 | 5/7/2010 | 5/11/2010 |
| Gasoline | ND | mg/Kg | 5 | 5/5/2010 | 5/7/2010 |
| Lead | ND | mg/Kg | 0.001 | 5/10/2010 | 5/10/2010 |
| Lube Oil | <100 | mg/kg | 100 | 5/7/2010 | 5/10/2010 |
| Lube Oil | <100 | mg/kg | 100 | 5/7/2010 | 5/11/2010 |
| Lube Oil | ND | mg/kg | 100 | 5/7/2010 | 5/12/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|--------------------|------------|-------|-----------|-------|---------|-----------|---------------|
| 1,1-Dichloroethene | 0.277 | mg/kg | 0.25 | 110.8 | 77-138 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | 0.272 | mg/kg | 0.25 | 108.8 | 73-124 | 5/5/2010 | 5/7/2010 |
| Toluene | 0.269 | mg/kg | 0.25 | 107.6 | 77-123 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | 0.283 | mg/kg | 0.25 | 113.2 | 68-130 | 5/5/2010 | 5/7/2010 |
| o-Xylene | 0.258 | mg/kg | 0.25 | 103.2 | 77-121 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | 0.277 | mg/kg | 0.25 | 110.8 | 76-124 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | 0.268 | mg/kg | 0.25 | 107.2 | 78-119 | 5/5/2010 | 5/7/2010 |
| Benzene | 0.282 | mg/kg | 0.25 | 112.8 | 83-127 | 5/5/2010 | 5/7/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------------------------------|--------|-------|-------|-----------|---------------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trimethylbenzene | 0.0126 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3,5-Trimethylbenzene | 0.0226 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-------------------------------|--------|-------|-------|-----------|---------------|
| 2-hexanone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| 4-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Acetone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Acrylonitrile | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Benzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromodichloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromoform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Carbon disulfide | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Carbon Tetrachloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloroform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,2-dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dibromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dibromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dichlorodifluoromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Hexachlorobutadiene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Isopropylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| m+p-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methylene chloride | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Naphthalene | 0.0129 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Propylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| o-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| p-isopropyltoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| sec-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Styrene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| tert-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504047
Project Name: IONE AIRPORT 0504-058-00-200

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|---------------------------|--------|-------|-------|-----------|---------------|
| Tetrachloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Toluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroflouromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Vinyl Chloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Login Report

Customer Name: GEO ENGINEERS

523 E 2ND

SPOKANE

WA

99202

Order ID: 100504047

Order Date: 5/4/2010

Contact Name: DAVE LAUDER

Comment: LEVEL III Q/C

Project Name: IONE AIRPORT 0504-058-00-200

Sample #: 100504047-001 **Customer Sample #:** IADP01-31.5-32.1

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/26/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-002 **Customer Sample #:** IADP03-18-18.7

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/27/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-003 **Customer Sample #:** IADP03-30-31

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/27/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100504047
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE AIRPORT 0504-058-00-200

Sample #: 100504047-004 **Customer Sample #:** IADP05-17.5-18.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/26/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-005 **Customer Sample #:** IADP05-32-33.3

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/26/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-006 **Customer Sample #:** IADP06-25-26

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/26/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-007 **Customer Sample #:** IADP07-25-26

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/26/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504047
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE AIRPORT 0504-058-00-200

HCID WATPH-HCID 5/13/2010 **Normal (6-10 Days)**

Sample #: 100504047-008 **Customer Sample #:** IADP07-32-33.3

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/26/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-009 **Customer Sample #:** IADP08-31.5-32.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/26/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-010 **Customer Sample #:** IADP09-325.-33.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504047-011 **Customer Sample #:** IADP10-33-34.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment: SAMPLE NOT REC'D WITH AIRPOET BATCH

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504047
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE AIRPORT 0504-058-00-200

Sample #: 100504047-012 **Customer Sample #:** DUPLICATE

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

SAMPLE CONDITION RECORD

| | |
|---|---------|
| Samples received in a cooler? | Yes |
| Samples received intact? | Yes |
| What is the temperature inside the cooler? | 5.2/5.2 |
| Samples received with a COC? | Yes |
| Samples received within holding time? | Yes |
| Are all sample bottles properly preserved? | Yes |
| Are VOC samples free of headspace? | Yes |
| Is there a trip blank to accompany VOC samples? | N/A |
| Labels and chain agree? | Yes |



Chain of Custody Record

100504 047 **GEOE** Last Due 5/14/2010
 L 1st SAMP 4/25/2010 1st RCVD 5/4/2010
 ONE AIRPORT 0504-058-00-200

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

Company Name: West Engineers Project Manager: Steve Sanders
 Address: 523 E 2nd Project Name & #: One Airport 0504-058-00-200
 City: Spokane State: WA Zip: 99202 Email Address:
 Phone: (509) 363-3125 Purchase Order #:
 Fax: Sampler Name & phone: Westhorne Cassidy 785 766 0110

Normal *All rush order requests must be prior approved.
 Next Day* Phone
 2nd Day* Mail
 Other* Fax
 Email

http://www.anateklabs.com/services/guidelines/reporting.asp
 Please refer to our normal turn around times at

| Lab ID | Sample Identification | Sampling Date/Time | Matrix | Preservatives | | List Analyses Requested | | | | | | | |
|--------|-----------------------|--------------------|--------|-----------------|---------------|-------------------------|---------|----------|----------|----------|----------|--|--|
| | | | | # of Containers | Sample Volume | MTM - HLD | MTM - D | MTM - Cr | MTM - Pb | MTM - Zn | MTM - Cu | | |
| 1 | 1ADP01-31.5-32.1 | 4-26-10 1050 | S | 2 | 8oz | X | | | | | | | |
| 2 | 1ADP03-31.5-18.7 | 4-27-10 910 | S | 2 | 8oz | | X | X | | | | | |
| 3 | 1ADP03-31.5-31 | 4-27-10 930 | S | 1 | 8oz | X | | | | | | | |
| 4 | 1ADP05-31.5-18.5 | 4-26-10 1030 | S | 2 | 8oz | X | X | X | | | | | |
| 5 | 1ADP05-32-33.3 | 4-26-10 1035 | S | 2 | 8oz | X | | | | | | | |
| 6 | 1ADP06-25-26 | 4-26-10 1405 | S | 2 | 8oz | X | | | | | | | |
| 7 | 1ADP07-25-26 | 4-26-10 1450 | S | 2 | 8oz | X | | | | | | | |
| 8 | 1ADP07-32-33.3 | 4-26-10 1455 | S | 2 | 8oz | X | | | | | | | |
| 9 | 1ADP08-31.5-32.5 | 4-26-10 1615 | S | 2 | 8oz | X | | | | | | | |
| 10 | 1ADP09-32.5-33.5 | 4-27-10 1030 | S | 1 | 8oz | X | | | | | | | |
| 11 | 1ADP10-33-34.5 | 4-27-10 1120 | S | 1 | 8oz | X | | | | | | | |
| 12 | Duplicate | 4-27-10 1234 | S | 1 | 1oz | X | | | | | | | |

Provide Sample Description

Relinquished by: Westhorne Cassidy Signature: [Signature] Date: 5-4-10 Time: 1600
 Received by: [Signature] Company: Westhorne Cassidy
 Relinquished by: [Signature] Date: 5/4 Time: 1600
 Received by: [Signature]
 Relinquished by: [Signature]
 Received by: [Signature]

Note Special Instructions/Comments
 *Tier III Data Package
 page 1 of 1

Inspection Checklist

Received Intact? N
 Labels & Chains Agree? N
 Containers Sealed? N
 VOC Head Space? N
 Temperature (C): 5.2/96.52
 Preservative: ice K15
 Date & Time: 5-4-10
 Inspected By: K15

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|-----------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-001 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP11-2.5-3.5 | Sampling Time | 1:35 PM | Extraction Date | 5/10/2010 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|---------|-----|---------------|---------|------------|-----------|
| Diesel | 70 | mg/kg | 50 | 5/10/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/10/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/10/2010 | MAH | WATPH-HCID | |
| %moisture | 16.5 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | |
|---------------------------|---------------|---------------|-------------------------|
| Sample Number | 100504048-001 | | |
| Surrogate Standard | hexacosane | Method | Percent Recovery |
| | | WATPH-HCID | 84.6 |
| | | | Control Limits |
| | | | 50-150 |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | | |
|-------------------------|-----------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504048-002 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IKSDP12-31-31.8 | Sampling Time | 2:15 PM | Extraction Date | 5/10/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/10/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/10/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/10/2010 | MAH | WATPH-HCID | |
| %moisture | 11.9 | Percent | | 5/10/2010 | ETL | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504048-002 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| hexacosane | | WATPH-HCID | 88.0 | 50-150 |

Anatek Labs, Inc.

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504048-003 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IKSDP13-5-6 | Sampling Time | 2:30 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | 110 | mg/kg | 50 | 5/10/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/10/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/10/2010 | MAH | WATPH-HCID | |
| %moisture | 2.6 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504048-003 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| hexacosane | | WATPH-HCID | 81.6 | 50-150 |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| Sample Number | 100504048-004 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | IKSDP14-17.5-18.5 | Sampling Time | 3:00 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/10/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/10/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/10/2010 | MAH | WATPH-HCID | |
| %moisture | 0 | Percent | | 5/10/2010 | ETL | %moisture | |

Surrogate Data

| Sample Number | 100504048-004 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | WATPH-HCID | 85.2 | 50-150 | |

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Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504048-005 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IKSDP15-10-11 | Sampling Time | 3:35 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/10/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/10/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/10/2010 | MAH | WATPH-HCID | |
| %moisture | 6 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504048-005 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| hexacosane | | WATPH-HCID | 77.0 | 50-150 |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| Sample Number | 100504048-006 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|------------|-----------|
| Client Sample ID | IKSDP16-10-11 | Sampling Time | 4:05 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/10/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/10/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/10/2010 | MAH | WATPH-HCID | |
| %moisture | 12.5 | Percent | | 5/13/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-006 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | WATPH-HCID | 83.8 | 50-150 |

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Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| Sample Number | 100504048-007 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | IKSDP17-22-23 | Sampling Time | 9:25 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 4.5 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-007 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 84.0 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 101.2 | 50-150 | |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| Sample Number | 100504048-008 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | IKSDP17-34-35 | Sampling Time | 9:35 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 6.38 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 12.9 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-008 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 86.6 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 101.2 | 50-150 | |

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0504058-00 300

Analytical Results Report

| Sample Number | 100504048-009 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | IKSDP17-40.5-41.5 | Sampling Time | 10:10 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 15.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-009 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 86.6 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 101.5 | 50-150 | |

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0504058-00 300

Analytical Results Report

| Sample Number | 100504048-011 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|-----------|-----------|
| Client Sample ID | IKSDP18-18-19 | Sampling Time | 11:25 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 9.62 | mg/Kg | 0.5 | 5/7/2010 | ETL | EPA 6020A | |
| Diesel | 1740 | mg/kg | 250 | 5/19/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 1000 | 5/19/2010 | MAH | NWTPHDX | |
| Gasoline | 11500 | mg/Kg | 500 | 5/11/2010 | WOZ | NWTPHG | |
| %moisture | 2.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-011 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 89.2 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 112.2 | 50-150 |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| Sample Number | 100504048-012 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | IKSDP18-21-22 | Sampling Time | 11:45 AM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | 1780 | mg/kg | 250 | 5/19/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 1000 | 5/19/2010 | MAH | NWTPHDX | |
| Gasoline | 11400 | mg/Kg | 500 | 5/11/2010 | WOZ | NWTPHG | |
| %moisture | 3.5 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-012 | | |
|----------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 93.0 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 110.6 | 50-150 |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| Sample Number | 100504048-013 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | IKSDP18-36.5-37.5 | Sampling Time | 12:05 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 5.07 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | 23.2 | mg/Kg | 5 | 5/11/2010 | WOZ | NWTPHG | |
| %moisture | 12.8 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-013 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 85.8 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 107.8 | 50-150 | |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504048-014 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | IKSDP19-26-27 | Sampling Time | 2:10 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 9.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|-------------------------|-----------------------|--|
| Sample Number | 100504048-014 | | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 80.2 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 104.1 | 50-150 | |

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0504058-00 300

Analytical Results Report

| Sample Number | 100504048-015 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|-----------|-----------|
| Client Sample ID | IKSDP19-35.5-36.5 | Sampling Time | 2:25 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Lead | 7.63 | mg/Kg | 0.5 | 5/10/2010 | ETL | EPA 6020A | |
| Diesel | ND | mg/kg | 25 | 5/11/2010 | MAH | NWTPHDX | |
| Lube Oil | ND | mg/kg | 100 | 5/11/2010 | MAH | NWTPHDX | |
| Gasoline | ND | mg/Kg | 5 | 5/8/2010 | WOZ | NWTPHG | |
| %moisture | 7.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

Surrogate Data

| Sample Number | 100504048-015 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 81.0 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 106.1 | 50-150 | |

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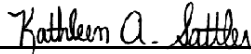
Analytical Results Report

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100504048-016 | Sampling Date | 4/27/2010 | Date/Time Received | 5/4/2010 | 4:00 PM | |
| Client Sample ID | DUPLICATE | Sampling Time | 12:34 PM | Extraction Date | 5/7/2010 | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | <50 | mg/kg | 50 | 5/11/2010 | MAH | WATPH-HCID | |
| Gasoline | <25 | mg/kg | 25 | 5/11/2010 | MAH | WATPH-HCID | |
| Lube Oil | <100 | mg/kg | 100 | 5/11/2010 | MAH | WATPH-HCID | |
| %moisture | 8.4 | Percent | | 5/10/2010 | ETL | %moisture | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504048-016 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| hexacosane | | WATPH-HCID | 81.6 | 50-150 |

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-007 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-22-23 | Sampling Time | 9:25 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-007 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-22-23 | Sampling Time | 9:25 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-007 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-22-23 | Sampling Time | 9:25 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 4.5 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-007 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP17-22-23 | Sampling Time | 9:25 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504048-007 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 106.8 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 97.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 96.8 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-008 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-34-35 | Sampling Time | 9:35 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-008 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-34-35 | Sampling Time | 9:35 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-008 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-34-35 | Sampling Time | 9:35 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 12.9 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-008 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP17-34-35 | Sampling Time | 9:35 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504048-008 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 104.4 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 95.2 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 97.2 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-009 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-40.5-41.5 | Sampling Time | 10:10 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-009 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-40.5-41.5 | Sampling Time | 10:10 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-009 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP17-40.5-41.5 | Sampling Time | 10:10 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 15.3 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-009 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP17-40.5-41.5 | Sampling Time | 10:10 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504048-009 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 103.6 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 97.2 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 99.6 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-011 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-18-19 | Sampling Time | 11:25 AM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 596 | mg/kg | 12.5 | 5/13/2010 | WOZ | EPA 8260B | V, H2 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.05 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 196 | mg/kg | 12.5 | 5/13/2010 | WOZ | EPA 8260B | V, H2 |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.625 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-011 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-18-19 | Sampling Time | 11:25 AM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | 12.8 | mg/kg | 1.25 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| EthylbenzPA 8260 | | mg/kg | 12.5 | 5/13/2010 | WOZ | | H2 |
| Hexachlorobutadiene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 16.6 | mg/kg | 1.25 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-011 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-18-19 | Sampling Time | 11:25 AM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|-------|---------------|---------|-----------|-----------|
| m+p-Xylene | 970 | mg/kg | 12.5 | 5/7/2010 | WOZ | EPA 8260B | H2 |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | 0.900 | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | V |
| n-Butylbenzene | 19.2 | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 70.7 | mg/kg | 1.25 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | 4.27 | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | 612 | mg/kg | 12.5 | 5/7/2010 | WOZ | EPA 8260B | H2 |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 2.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
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Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-011 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP18-18-19 | Sampling Time | 11:25 AM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504048-011 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 1,2-Dichlorobenzene-d4 | EPA 8260B | 108.0 | 70-130 |
| 4-Bromofluorobenzene | EPA 8260B | 116.0 | 70-130 |
| Toluene-d8 | EPA 8260B | 98.0 | 70-130 |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-012 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-21-22 | Sampling Time | 11:45 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 633 | mg/kg | 24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.096 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 167 | mg/kg | 2.4 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 1.2 | 5/12/2010 | WOZ | EPA 8260B | |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-012 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-21-22 | Sampling Time | 11:45 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 1.2 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | 1.10 | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 189 | mg/kg | 2.4 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 19.1 | mg/kg | 2.4 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-012 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-21-22 | Sampling Time | 11:45 AM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|------|---------------|---------|-----------|-----------|
| m+p-Xylene | 942 | mg/kg | 24 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 1.2 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 1.2 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 1.2 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | 87.4 | mg/kg | 2.4 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | 20.2 | mg/kg | 2.4 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 77.0 | mg/kg | 2.4 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | 389 | mg/kg | 24 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | 4.94 | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | 369 | mg/kg | 24 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.24 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 3.5 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|--|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-012 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP18-21-22 | Sampling Time | 11:45 AM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | Diesel detect appears to be predominately gasoline contamination | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100504048-012 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 1,2-Dichlorobenzene-d4 | EPA 8260B | 111.2 | 70-130 |
| 4-Bromofluorobenzene | EPA 8260B | 118.4 | 70-130 |
| Toluene-d8 | EPA 8260B | 100.0 | 70-130 |

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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-013 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-36.5-37.5 | Sampling Time | 12:05 PM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.943 | mg/kg | 0.125 | 5/13/2010 | WOZ | EPA 8260B | V, H2 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.005 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 0.299 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-013 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-36.5-37.5 | Sampling Time | 12:05 PM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | 0.132 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 0.242 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 0.0248 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-013 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP18-36.5-37.5 | Sampling Time | 12:05 PM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | 1.13 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | 0.242 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | 0.0408 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 0.115 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | 0.618 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | 0.823 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 12.8 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-013 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP18-36.5-37.5 | Sampling Time | 12:05 PM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504048-013 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 96.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 91.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 96.4 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-014 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP19-26-27 | Sampling Time | 2:10 PM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.0127 | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.005 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |

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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-014 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP19-26-27 | Sampling Time | 2:10 PM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-014 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP19-26-27 | Sampling Time | 2:10 PM | Extraction Date | 5/12/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/12/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Toluene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/12/2010 | WOZ | EPA 8260B | |
| %moisture | 9.6 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-014 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP19-26-27 | Sampling Time | 2:10 PM | Extraction Date | 5/12/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100504048-014 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 94.0 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 95.2 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-015 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP19-35.5-36.5 | Sampling Time | 2:25 PM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.0618 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane(EDB) | ND | mg/kg | 0.005 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |

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Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-015 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP19-35.5-36.5 | Sampling Time | 2:25 PM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------|--------|-------|--------|---------------|---------|-----------|-----------|
| 4-Chlorotoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Acetone | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Benzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 0.0139 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

| | | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|----------|---------|
| Sample Number | 100504048-015 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 | 4:00 PM |
| Client Sample ID | IKSDP19-35.5-36.5 | Sampling Time | 2:25 PM | Extraction Date | 5/5/10 | |
| Matrix | Soil | Sample Location | | | | |
| Comments | | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|---------|--------|---------------|---------|-----------|-----------|
| m+p-Xylene | 0.0633 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | mg/kg | 0.0625 | 5/7/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| o-Xylene | 0.0340 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Styrene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Toluene | 0.0441 | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | V |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | mg/kg | 0.0125 | 5/7/2010 | WOZ | EPA 8260B | |
| %moisture | 7.7 | Percent | | 5/5/2010 | WOZ | %moisture | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report

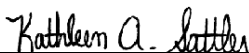
| | | | | | |
|-------------------------|-------------------|------------------------|-----------|---------------------------|------------------|
| Sample Number | 100504048-015 | Sampling Date | 4/28/2010 | Date/Time Received | 5/4/2010 4:00 PM |
| Client Sample ID | IKSDP19-35.5-36.5 | Sampling Time | 2:25 PM | Extraction Date | 5/5/10 |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|--|
| Sample Number | 100504048-015 | | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | 106.4 | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | 95.6 | 70-130 | |
| Toluene-d8 | | EPA 8260B | 97.6 | 70-130 | |

Authorized Signature



Kathy Sattler, Lab Manager

H2 Initial analysis within holding time, Reanalysis for the required dilution was past holding time
MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit
V Analyte was detected in both the sample and the associated method blank

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|--------------------|------------|-------|-----------|-------|---------|-----------|---------------|
| o-Xylene | 0.258 | mg/kg | 0.25 | 103.2 | 77-121 | 5/5/2010 | 5/7/2010 |
| Benzene | 0.282 | mg/kg | 0.25 | 112.8 | 83-127 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | 0.268 | mg/kg | 0.25 | 107.2 | 78-119 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | 0.277 | mg/kg | 0.25 | 110.8 | 76-124 | 5/5/2010 | 5/7/2010 |
| o-Xylene | 0.258 | mg/kg | 0.25 | 103.2 | 77-121 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | 0.283 | mg/kg | 0.25 | 113.2 | 68-130 | 5/5/2010 | 5/7/2010 |
| Toluene | 0.269 | mg/kg | 0.25 | 107.6 | 77-123 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | 0.272 | mg/kg | 0.25 | 108.8 | 73-124 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | 0.277 | mg/kg | 0.25 | 110.8 | 77-138 | 5/5/2010 | 5/7/2010 |
| Benzene | 0.282 | mg/kg | 0.25 | 112.8 | 83-127 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | 0.277 | mg/kg | 0.25 | 110.8 | 77-138 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | 0.277 | mg/kg | 0.25 | 110.8 | 76-124 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | 0.203 | mg/kg | 0.25 | 81.2 | 73-124 | 5/12/2010 | 5/12/2010 |
| Tetrachloroethene | 0.283 | mg/kg | 0.25 | 113.2 | 68-130 | 5/5/2010 | 5/7/2010 |
| Toluene | 0.269 | mg/kg | 0.25 | 107.6 | 77-123 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | 0.272 | mg/kg | 0.25 | 108.8 | 73-124 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | 0.182 | mg/kg | 0.25 | 72.8 | 77-138 | 5/12/2010 | 5/12/2010 |
| Benzene | 0.218 | mg/kg | 0.25 | 87.2 | 83-127 | 5/12/2010 | 5/12/2010 |
| Chlorobenzene | 0.222 | mg/kg | 0.25 | 88.8 | 78-119 | 5/12/2010 | 5/12/2010 |
| Ethylbenzene | 0.214 | mg/kg | 0.25 | 85.6 | 76-124 | 5/12/2010 | 5/12/2010 |
| o-Xylene | 0.212 | mg/kg | 0.25 | 84.8 | 77-121 | 5/12/2010 | 5/12/2010 |
| Tetrachloroethene | 0.219 | mg/kg | 0.25 | 87.6 | 68-130 | 5/12/2010 | 5/12/2010 |
| Toluene | 0.210 | mg/kg | 0.25 | 84.0 | 77-123 | 5/12/2010 | 5/12/2010 |
| Chlorobenzene | 0.268 | mg/kg | 0.25 | 107.2 | 78-119 | 5/5/2010 | 5/7/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|---------------------------|--------|-------|-------|-----------|---------------|
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1,1,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,1-Trichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------------------------------|--------|-------|-------|-----------|---------------|
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,2,2-Tetrachloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1,2-Trichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-Dichloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,1-dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,1-dichloropropene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,3-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,3-Trichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trimethylbenzene | 0.0126 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2,4-Trimethylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dibromoethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|------------------------|--------|-------|-------|-----------|---------------|
| 1,2-Dichloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,2-Dichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3,5-Trimethylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,3,5-Trimethylbenzene | 0.0226 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,3-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,3-Dichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 1,4-Dichlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 2,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2,2-Dichloropropane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2,2-Dichloropropane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 2-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 2-Chlorotoluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| 2-hexanone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| 2-hexanone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| 2-hexanone | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| 4-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 4-Chlorotoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| 4-Chlorotoluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Acetone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Acetone | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| Acetone | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Acrylonitrile | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Acrylonitrile | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Acrylonitrile | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Benzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Benzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|------------------------|--------|-------|-------|-----------|---------------|
| Benzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromochloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromodichloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromodichloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromodichloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromoform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromoform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromoform | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Bromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Bromomethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Carbon disulfide | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Carbon disulfide | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Carbon disulfide | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Carbon Tetrachloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Carbon Tetrachloride | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Carbon Tetrachloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chlorobenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Chloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloroethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloroethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Chloroform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloroform | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloroform | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Chloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Chloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| cis-1,2-dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,2-dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,2-dichloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-------------------------------|--------|-------|-------|-----------|---------------|
| cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| cis-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Dibromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dibromochloromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dibromochloromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Dibromomethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Dibromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dibromomethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dichlorodifluoromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Dichlorodifluoromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Dichlorodifluoromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Ethylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Hexachlorobutadiene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Hexachlorobutadiene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Hexachlorobutadiene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Isopropylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Isopropylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Isopropylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| m+p-Xylene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| m+p-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| m+p-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methyl ethyl ketone (MEK) | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methyl isobutyl ketone (MIBK) | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| Methylene chloride | ND | mg/kg | 0.025 | 5/12/2010 | 5/12/2010 |
| Methylene chloride | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| Methylene chloride | ND | mg/kg | 0.025 | 5/5/2010 | 5/7/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Naphthalene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: GEO ENGINEERS
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Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|---------------------------|--------|-------|-------|-----------|---------------|
| Naphthalene | 0.0129 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Naphthalene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| n-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Butylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| n-Propylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Propylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| n-Propylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| o-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| o-Xylene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| o-Xylene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| p-isopropyltoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| p-isopropyltoluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| p-isopropyltoluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| sec-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| sec-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| sec-Butylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Styrene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Styrene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Styrene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| tert-Butylbenzene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| tert-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| tert-Butylbenzene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Tetrachloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Toluene | 0.0203 | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Toluene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Toluene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| trans-1,2-Dichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| trans-1,3-Dichloropropene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroethene | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Address: 523 E 2ND
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Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|------------------------|--------|-------|-------|-----------|---------------|
| Trichloroethene | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Trichloroflouromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroflouromethane | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Trichloroflouromethane | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Vinyl Chloride | ND | mg/kg | 0.005 | 5/12/2010 | 5/12/2010 |
| Vinyl Chloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |
| Vinyl Chloride | ND | mg/kg | 0.005 | 5/5/2010 | 5/7/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|------|---------|-----------|---------------|
| Lead | 0.0380 | mg/kg | 0.04 | 95.0 | 80-120 | 5/10/2010 | 5/10/2010 |
| Diesel | 72.6 | mg/kg | 100 | 72.6 | 50-150 | 5/10/2010 | 5/10/2010 |
| Gasoline | 25.8 | mg/kg | 27.5 | 93.8 | 70-130 | 5/5/2010 | 5/8/2010 |
| Diesel | 66.9 | mg/kg | 100 | 66.9 | 50-150 | 5/7/2010 | 5/10/2010 |

Matrix Spike

| Sample Number | Parameter | Sample Result | MS Result | Units | MS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|----------------|-----------|---------------|-----------|-------|----------|------|---------|-----------|---------------|
| 100504048-002A | Diesel | ND | 70.5 | mg/kg | 100 | 70.5 | 50-150 | 5/7/2010 | 5/10/2010 |
| 100504047-002 | Lead | 5.32 | 23.4 | mg/kg | 20.8 | 86.9 | 75-125 | 5/10/2010 | 5/10/2010 |
| 100504046-007 | Gasoline | ND | 22.4 | mg/kg | 24.3 | 92.2 | 70-130 | 5/5/2010 | 5/8/2010 |

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|-------|------|---------|-----------|---------------|
| Diesel | 67.3 | mg/kg | 100 | 67.3 | 4.6 | 0-50 | 5/7/2010 | 5/10/2010 |
| Lead | 23.8 | mg/kg | 20.7 | 89.3 | 1.7 | 0-20 | 5/10/2010 | 5/10/2010 |
| Gasoline | 24.5 | mg/kg | 24.3 | 100.8 | 9.0 | 0-20 | 5/5/2010 | 5/8/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------|--------|-------|-------|-----------|---------------|
| Diesel | <50 | mg/kg | 50 | 5/10/2010 | 5/10/2010 |
| Diesel | ND | mg/kg | 25 | 5/7/2010 | 5/10/2010 |
| Gasoline | <25 | mg/kg | 25 | 5/10/2010 | 5/10/2010 |
| Gasoline | ND | mg/Kg | 5 | 5/5/2010 | 5/8/2010 |
| Lead | ND | mg/Kg | 0.001 | 5/10/2010 | 5/10/2010 |
| Lube Oil | <100 | mg/kg | 100 | 5/10/2010 | 5/10/2010 |
| Lube Oil | ND | mg/kg | 100 | 5/7/2010 | 5/10/2010 |

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100504048
Project Name: IONE KWIK STOP
0504058-00 300

Analytical Results Report Quality Control Data

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: LEVEL III Q/C

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Login Report

Customer Name: GEO ENGINEERS

523 E 2ND

SPOKANE

WA

99202

Order ID: 100504048

Order Date: 5/4/2010

Contact Name: DAVE LAUDER

Comment: LEVEL III Q/C

Project Name: IONE KWIK STOP
0504058-00 300

Sample #: 100504048-001 **Customer Sample #:** IKSDP11-2.5-3.5

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/27/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-002 **Customer Sample #:** IKSDP12-31-31.8

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/27/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-002A **Customer Sample #:** IKSDP12-31-31.8A

Recv'd:

Collector: KATHERINE CASSIDY

Date Collected: 4/27/2010

Quantity: 1

Matrix: Soil

Date Received: 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 4/27/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/11/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504048
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE KWIK STOP
0504058-00 300

Sample #: 100504048-003 **Customer Sample #:** IKSDP13-5-6

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|---------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-004 **Customer Sample #:** IKSDP14-17.5-18.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|---------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-005 **Customer Sample #:** IKSDP15-10-11

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|---------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-006 **Customer Sample #:** IKSDP16-10-11

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|---------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504048
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE KWIK STOP
0504058-00 300

Sample #: 100504048-007 **Customer Sample #:** IKSDP17-22-23

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-008 **Customer Sample #:** IKSDP17-34-35

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-009 **Customer Sample #:** IKSDP17-40.5-41.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504048
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE KWIK STOP
0504058-00 300

Sample #: 100504048-010 **Customer Sample #:** IKSDP18-8-9.2

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment: sample cancelled per K Cassidy 05/05/10

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-011 **Customer Sample #:** IKSDP18-18-19

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment: Lead added per K Cassidy 05/05/10

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 4/28/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/11/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/11/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/12/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-012 **Customer Sample #:** IKSDP18-21-22

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM
Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504048
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE KWIK STOP
0504058-00 300

Sample #: 100504048-013 **Customer Sample #:** IKSDP18-36.5-37.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-014 **Customer Sample #:** IKSDP19-26-27

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100504048-015 **Customer Sample #:** IKSDP19-35.5-36.5

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/28/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|----------------|-----------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 6020A | 5/14/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| VOLATILES 8260 | EPA 8260B | 5/13/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100504048
Order Date: 5/4/2010

Contact Name: DAVE LAUDER
Comment: LEVEL III Q/C

Project Name: IONE KWIK STOP
0504058-00 300

Sample #: 100504048-016 **Customer Sample #:** DUPLICATE

Recv'd: **Collector:** KATHERINE CASSIDY **Date Collected:** 4/27/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 5/4/2010 4:00:00 PM

Comment:

| Test | Method | Due Date | Priority |
|-----------|------------|-----------|----------------------------------|
| %Moisture | %moisture | 5/13/2010 | <u>Normal (6-10 Days)</u> |
| HCID | WATPH-HCID | 5/13/2010 | <u>Normal (6-10 Days)</u> |

SAMPLE CONDITION RECORD

| | |
|---|---------|
| Samples received in a cooler? | Yes |
| Samples received intact? | Yes |
| What is the temperature inside the cooler? | 5.2/5.2 |
| Samples received with a COC? | Yes |
| Samples received within holding time? | Yes |
| Are all sample bottles properly preserved? | Yes |
| Are VOC samples free of headspace? | Yes |
| Is there a trip blank to accompany VOC samples? | N/A |
| Labels and chain agree? | Yes |



Chain of Custody Record

1282 Altruras Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

100504 048 **GEOE** Lab 5/14/2010
 1st SAMP 4/27/2010 1st RCVD 5/4/2010
 ONE KWIK STOP 0504058-00 300

Company Name: Ben Engstrom
 Address: 523 E 2nd Ave State: WA Zip: 99202
 City: Spokane
 Project Manager: Dave Lecker
 Project Name & #: Low Lead Stop 0504058-00 300
 Email Address: low.lead.stop@benengstrom.com
 Purchase Order #:
 Sample Name & phone: Volvent Center 785 766 010

Please refer to our normal turn around times at:
<http://www.anatek.com/services/guidelines/reporting.asp>

Normal *All rush order requests must be prior approved. Phone
 Next Day* Mail
 2nd Day* Fax
 Other* Email

| Lab ID | Sample Identification | Sampling Date/Time | Matrix | Preservative | | List Analyses Requested | Date | Time |
|--------|-----------------------|--------------------|--------|-----------------|---------------|-------------------------|------|------|
| | | | | # of Containers | Sample Volume | | | |
| 1 | IKSDP11-7-5-3-5 | 4-27-10 | 3 | 1 8oz | X | ELIPTH-HALO | | |
| 2 | IKSDP12-31-31-8 | 4-27-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 3 | IKSDP13-5-10 | 4-27-10 | 3 | 1 8oz | X | ELIPTH-HALO | | |
| 4 | IKSDP14-17-5-18-5 | 4-27-10 | 3 | 1 4oz | X | ELIPTH-HALO | | |
| 5 | IKSDP15-10-11 | 4-27-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 6 | IKSDP16-10-11 | 4-27-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 7 | IKSDP17-22-23 | 4-28-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 8 | IKSDP17-34-35 | 4-28-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 9 | IKSDP17-10-5-41-5 | 4-28-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 10 | IKSDP18-3-7-2 | 4-28-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 11 | IKSDP18-13-14 | 4-28-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 12 | IKSDP18-21-22 | 4-28-10 | 3 | 2 8oz | X | ELIPTH-HALO | | |
| 13 | IKSDP18-36-5-51-9 | 4-28-10 | 3 | 1 8oz | X | ELIPTH-HALO | | |

Note Special Instructions/Comments
 *Tier III Data Package *
 182
 2 pages
 page 1 of 2
 CANAL #10 per
 KASSIDY 5-5-10

Received Intact? N
 Labels & Chairs Agree? N
 Containers Sealed? N
 VOC Head Space? N

Temperature (°C) 5.2 / 9.6 / 5.2
 Preservative Ice

Date & Time 5-4-10
 Inspected By KTS

Relinquished by: Volvent Center Signature: [Signature] Company: Ben Engstrom Date: 5/4/10 Time: 1600

Received by: [Signature]

Relinquished by: [Signature]

Received by: [Signature]

Relinquished by: [Signature]

Received by: [Signature]

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report

| Sample Number | 100726007-016 | Sampling Date | 7/12/2010 | Date/Time Received | 7/14/2010 4:05 PM | | |
|-----------------------------|---------------|------------------------|-----------|---------------------------|-------------------|----------|-----------|
| Client Sample ID | MW-2-37.5 | Sampling Time | 3:39 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Benzene | ND | mg/Kg | 0.0262 | 7/26/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | ND | mg/Kg | 0.0262 | 7/26/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0262 | 7/26/2010 | WOZ | EPA 8021 | |
| Toluene | ND | mg/Kg | 0.0262 | 7/26/2010 | WOZ | EPA 8021 | |
| Total Xylene | ND | mg/Kg | 0.0524 | 7/26/2010 | WOZ | EPA 8021 | |
| Gasoline | ND | mg/kg | 2.62 | 7/26/2010 | WOZ | NWTPHG | |

Surrogate Data

| Sample Number | 100726007-016 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| 4-Bromofluorobenzene | EPA 8021 | 100.7 | 70-130 | |

Anatek Labs, Inc.

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report

| Sample Number | 100726007-026 | Sampling Date | 7/13/2010 | Date/Time Received | 7/14/2010 4:05 PM | | |
|-----------------------------|---------------|------------------------|-----------|---------------------------|-------------------|----------|-----------|
| Client Sample ID | B-1-40.0 | Sampling Time | 10:49 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Benzene | 1.31 | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 3.78 | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Toluene | 13.6 | mg/Kg | 0.226 | 7/26/2010 | WOZ | EPA 8021 | |
| Total Xylene | 20.5 | mg/Kg | 0.05 | 7/26/2010 | WOZ | EPA 8021 | |
| Gasoline | 198 | mg/kg | 2.5 | 7/26/2010 | WOZ | NWTPHG | |

Surrogate Data

| Sample Number | 100726007-026 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| 4-Bromofluorobenzene | EPA 8021 | 99.9 | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report

| | | | | | | | |
|-----------------------------|---------------|------------------------|------------|---------------------------|--------------------|---------------|------------------|
| Sample Number | 100726007-039 | Sampling Date | 7/12/2010 | Date/Time Received | 7/26/2010 10:45 AM | | |
| Client Sample ID | TRIP BLANK | Sampling Time | | Extraction Date | | | |
| Matrix | Liquid | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Benzene | ND | mg/Kg | 0.025 | 7/25/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | ND | mg/Kg | 0.025 | 7/25/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/25/2010 | WOZ | EPA 8021 | |
| Toluene | ND | mg/Kg | 0.025 | 7/25/2010 | WOZ | EPA 8021 | |
| Total Xylene | ND | mg/Kg | 0.075 | 7/25/2010 | WOZ | EPA 8021 | |
| Gasoline | ND | mg/kg | 2.5 | 7/25/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100726007-039 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene-PID | | EPA 8021 | 101.6 | 70-130 |

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Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report

| Sample Number | 100726007-043 | Sampling Date | 7/21/2010 | Date/Time Received | 7/26/2010 10:45 AM | | |
|-----------------------------|---------------|------------------------|-----------|---------------------------|--------------------|-----------|-----------|
| Client Sample ID | B-4-33.5 | Sampling Time | 10:00 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Ethylbenzene | ND | mg/Kg | 0.0537 | 7/26/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0537 | 7/26/2010 | WOZ | EPA 8021 | |
| Toluene | ND | mg/Kg | 0.0537 | 7/26/2010 | WOZ | EPA 8021 | |
| Total Xylene | ND | mg/Kg | 0.1074 | 7/26/2010 | WOZ | EPA 8021 | |
| Benzene | ND | mg/Kg | 0.03 | 7/28/2010 | WOZ | EPA 8260B | |
| Gasoline | ND | mg/kg | 5.37 | 7/26/2010 | WOZ | NWTPHG | |

Surrogate Data

| Sample Number | 100726007-043 | | |
|------------------------|---------------|------------------|----------------|
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 98.8 | 70-130 |
| 1,2-Dichlorobenzene-d4 | EPA 8260B | 100.0 | 70-130 |
| 4-Bromofluorobenzene | EPA 8260B | 88.8 | 70-130 |
| Toluene-d8 | EPA 8260B | 90.8 | 70-130 |

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Project Name: IONE 0504-058-00

Analytical Results Report

| Sample Number | 100726007-047 | Sampling Date | 7/21/2010 | Date/Time Received | 7/26/2010 10:45 AM | | |
|-----------------------------|---------------|------------------------|-----------|---------------------------|--------------------|----------|-----------|
| Client Sample ID | MW-5-33.5 | Sampling Time | 1:08 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Benzene | ND | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 0.270 | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Toluene | 0.652 | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Total Xylene | 1.98 | mg/Kg | 0.05 | 7/26/2010 | WOZ | EPA 8021 | |
| Gasoline | 16.3 | mg/kg | 2.5 | 7/26/2010 | WOZ | NWTPHG | |

Surrogate Data

| Sample Number | 100726007-047 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| 4-Bromofluorobenzene | EPA 8021 | 103.2 | 70-130 | |

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Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|-----------|---------------------------|--------------------|
| Sample Number | 100726007-048 | Sampling Date | 7/21/2010 | Date/Time Received | 7/26/2010 10:45 AM |
| Client Sample ID | MW-5-38.5 | Sampling Time | 1:17 PM | Extraction Date | |
| Matrix | Soil | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------|--------|-------|--------|---------------|---------|----------|-----------|
| Benzene | 9.32 | mg/Kg | 0.571 | 7/27/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | 52.8 | mg/Kg | 0.571 | 7/27/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.571 | 7/27/2010 | WOZ | EPA 8021 | |
| Toluene | 189 | mg/Kg | 0.571 | 7/27/2010 | WOZ | EPA 8021 | |
| Total Xylene | 302 | mg/Kg | 1.142 | 7/27/2010 | WOZ | EPA 8021 | |
| Naphthalene | 7.14 | mg/kg | 0.2855 | 7/26/2010 | WOZ | EPA 8021 | |
| Gasoline | 2670 | mg/kg | 57.1 | 7/27/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|
| Sample Number | 100726007-048 | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | | EPA 8021 | 99.8 | 70-130 |

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Project Name: IONE 0504-058-00

Analytical Results Report

| Sample Number | 100726007-049 | Sampling Date | 7/21/2010 | Date/Time Received | 7/26/2010 10:45 AM | | |
|-----------------------------|---------------|------------------------|-----------|---------------------------|--------------------|----------|-----------|
| Client Sample ID | MW-5-43.5 | Sampling Time | 1:51 PM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Benzene | ND | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | ND | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Toluene | 0.0601 | mg/Kg | 0.025 | 7/26/2010 | WOZ | EPA 8021 | |
| Total Xylene | 0.508 | mg/Kg | 0.05 | 7/26/2010 | WOZ | EPA 8021 | |
| Gasoline | 7.81 | mg/kg | 2.5 | 7/26/2010 | WOZ | NWTPHG | |

Surrogate Data

| Sample Number | 100726007-049 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| 4-Bromofluorobenzene | EPA 8021 | 102.2 | 70-130 | |

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Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report

| Sample Number | 100726007-061 | Sampling Date | 7/23/2010 | Date/Time Received | 7/26/2010 10:45 AM | | |
|-----------------------------|---------------|------------------------|-----------|---------------------------|--------------------|----------|-----------|
| Client Sample ID | MW-7-38.5 | Sampling Time | 8:55 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Benzene | ND | mg/Kg | 0.0281 | 7/26/2010 | WOZ | EPA 8021 | |
| Ethylbenzene | ND | mg/Kg | 0.0281 | 7/26/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0281 | 7/26/2010 | WOZ | EPA 8021 | |
| Toluene | ND | mg/Kg | 0.0281 | 7/26/2010 | WOZ | EPA 8021 | |
| Total Xylene | ND | mg/Kg | 0.0562 | 7/26/2010 | WOZ | EPA 8021 | |
| Gasoline | ND | mg/kg | 2.81 | 7/26/2010 | WOZ | NWTPHG | |

Surrogate Data

| Sample Number | 100726007-061 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| 4-Bromofluorobenzene | EPA 8021 | 99.9 | 70-130 | |

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Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report

| | | | | | | | |
|-----------------------------|---------------|------------------------|------------|---------------------------|--------------------|---------------|------------------|
| Sample Number | 100726007-074 | Sampling Date | 7/20/2010 | Date/Time Received | 7/26/2010 10:45 AM | | |
| Client Sample ID | MW-4-40.0 | Sampling Time | 10:48 AM | Extraction Date | | | |
| Matrix | Soil | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Ethylbenzene | ND | mg/Kg | 0.0553 | 7/26/2010 | WOZ | EPA 8021 | |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.0553 | 7/26/2010 | WOZ | EPA 8021 | |
| Toluene | 0.0682 | mg/Kg | 0.0553 | 7/26/2010 | WOZ | EPA 8021 | |
| Total Xylene | ND | mg/Kg | 0.1106 | 7/26/2010 | WOZ | EPA 8021 | |
| Benzene | ND | mg/Kg | 0.03 | 7/28/2010 | WOZ | EPA 8260B | |
| Gasoline | ND | mg/kg | 5.53 | 7/26/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100726007-074 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| 4-Bromofluorobenzene | EPA 8021 | 98.5 | 70-130 |
| 1,2-Dichlorobenzene-d4 | EPA 8260B | 99.2 | 70-130 |
| 4-Bromofluorobenzene | EPA 8260B | 88.4 | 70-130 |
| Toluene-d8 | EPA 8260B | 91.2 | 70-130 |

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Attn: DAVE LAUDER

Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|--------------|------------|-------|-----------|-------|---------|-----------|---------------|
| Ethylbenzene | 0.600 | mg/kg | 0.575 | 104.3 | 70-130 | 7/26/2010 | 7/26/2010 |
| Ethylbenzene | 0.563 | mg/kg | 0.575 | 97.9 | 70-130 | 7/24/2010 | 7/24/2010 |
| Toluene | 2.52 | mg/kg | 2.58 | 97.7 | 70-130 | 7/24/2010 | 7/24/2010 |
| Total Xylene | 2.79 | mg/kg | 2.9 | 96.2 | 70-130 | 7/24/2010 | 7/24/2010 |
| Benzene | 0.374 | mg/kg | 0.34 | 110.0 | 70-130 | 7/26/2010 | 7/26/2010 |
| Ethylbenzene | 0.600 | mg/kg | 0.575 | 104.3 | 70-130 | 7/26/2010 | 7/26/2010 |
| Toluene | 2.68 | mg/kg | 2.58 | 103.9 | 70-130 | 7/26/2010 | 7/26/2010 |
| Benzene | 0.350 | mg/kg | 0.34 | 102.9 | 70-130 | 7/24/2010 | 7/24/2010 |
| Benzene | 0.374 | mg/kg | 0.34 | 110.0 | 70-130 | 7/26/2010 | 7/26/2010 |
| Benzene | 0.239 | mg/kg | 0.25 | 95.6 | 69-122 | 7/28/2010 | 7/28/2010 |
| Toluene | 2.68 | mg/kg | 2.58 | 103.9 | 70-130 | 7/26/2010 | 7/26/2010 |
| Total Xylene | 2.97 | mg/kg | 2.9 | 102.4 | 70-130 | 7/26/2010 | 7/26/2010 |
| Benzene | 0.372 | mg/kg | 0.34 | 109.4 | 70-130 | 7/27/2010 | 7/27/2010 |
| Ethylbenzene | 0.614 | mg/kg | 0.575 | 106.8 | 70-130 | 7/27/2010 | 7/27/2010 |
| Toluene | 2.82 | mg/kg | 2.58 | 109.3 | 70-130 | 7/27/2010 | 7/27/2010 |
| Total Xylene | 3.09 | mg/kg | 2.9 | 106.6 | 70-130 | 7/27/2010 | 7/27/2010 |
| Total Xylene | 2.97 | mg/kg | 2.9 | 102.4 | 70-130 | 7/26/2010 | 7/26/2010 |

Matrix Spike

| Sample Number | Parameter | Sample Result | MS Result | Units | MS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|---------------|--------------|---------------|-----------|-------|----------|-------|---------|-----------|---------------|
| 100726007-074 | Total Xylene | ND | 7.00 | mg/kg | 6.41 | 109.2 | 70-130 | 7/26/2010 | 7/26/2010 |
| 100726007-074 | Toluene | 0.0682 | 6.3 | mg/kg | 5.7 | 109.3 | 70-130 | 7/26/2010 | 7/26/2010 |
| 100726007-074 | Ethylbenzene | ND | 1.37 | mg/kg | 1.27 | 107.9 | 70-130 | 7/26/2010 | 7/26/2010 |
| 100726007-016 | Total Xylene | ND | 3.36 | mg/kg | 3.04 | 110.5 | 70-130 | 7/26/2010 | 7/26/2010 |
| 100726007-016 | Toluene | ND | 3.09 | mg/kg | 2.7 | 114.4 | 70-130 | 7/26/2010 | 7/26/2010 |
| 100726007-016 | Ethylbenzene | ND | 0.663 | mg/kg | 0.60 | 110.0 | 70-130 | 7/26/2010 | 7/26/2010 |
| 100726007-016 | Benzene | ND | 0.404 | mg/kg | 0.36 | 113.5 | 70-130 | 7/26/2010 | 7/26/2010 |
| 100722012-001 | Total Xylene | 1.12 | 8.80 | mg/kg | 7.24 | 106.1 | 70-130 | 7/24/2010 | 7/24/2010 |
| 100722012-001 | Toluene | 0.116 | 6.94 | mg/kg | 6.43 | 106.1 | 70-130 | 7/24/2010 | 7/24/2010 |
| 100722012-001 | Ethylbenzene | 0.481 | 2.05 | mg/kg | 1.44 | 109.0 | 70-130 | 7/24/2010 | 7/24/2010 |

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM:ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Project Name: IONE 0504-058-00

Analytical Results Report Quality Control Data

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|--------------|---------------|-------|--------------|-------|------|------------|-----------|---------------|
| Total Xylene | 6.81 | mg/kg | 6.41 | 106.2 | 2.8 | 0-20 | 7/26/2010 | 7/26/2010 |
| Toluene | 6.2 | mg/kg | 5.7 | 107.6 | 1.6 | 0-20 | 7/26/2010 | 7/26/2010 |
| Ethylbenzene | 1.36 | mg/kg | 1.27 | 107.1 | 0.7 | 0-20 | 7/26/2010 | 7/26/2010 |
| Total Xylene | 3.33 | mg/kg | 3.04 | 109.5 | 0.9 | 0-20 | 7/26/2010 | 7/26/2010 |
| Toluene | 3.06 | mg/kg | 2.7 | 113.3 | 1.0 | 0-20 | 7/26/2010 | 7/26/2010 |
| Ethylbenzene | 0.663 | mg/kg | 0.603 | 110.0 | 0.0 | 0-20 | 7/26/2010 | 7/26/2010 |
| Benzene | 0.401 | mg/kg | 0.356 | 112.6 | 0.7 | 0-20 | 7/26/2010 | 7/26/2010 |
| Total Xylene | 8.53 | mg/kg | 7.24 | 102.3 | 3.1 | 0-20 | 7/24/2010 | 7/24/2010 |
| Toluene | 6.84 | mg/kg | 6.43 | 104.6 | 1.5 | 0-20 | 7/24/2010 | 7/24/2010 |
| Ethylbenzene | 2.00 | mg/kg | 1.44 | 105.5 | 2.5 | 0-20 | 7/24/2010 | 7/24/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------------------------|--------|-------|-------|-----------|---------------|
| Benzene | ND | mg/Kg | 0.025 | 7/26/2010 | 7/26/2010 |
| Benzene | ND | mg/Kg | 0.025 | 7/26/2010 | 7/26/2010 |
| Benzene | ND | mg/Kg | 0.025 | 7/27/2010 | 7/27/2010 |
| Benzene | ND | mg/Kg | 0.005 | 7/28/2010 | 7/28/2010 |
| Benzene | ND | mg/Kg | 0.025 | 7/24/2010 | 7/24/2010 |
| Ethylbenzene | ND | mg/Kg | 0.025 | 7/24/2010 | 7/24/2010 |
| Ethylbenzene | ND | mg/Kg | 0.025 | 7/26/2010 | 7/26/2010 |
| Ethylbenzene | ND | mg/Kg | 0.025 | 7/26/2010 | 7/26/2010 |
| Ethylbenzene | ND | mg/Kg | 0.025 | 7/27/2010 | 7/27/2010 |
| Gasoline | ND | mg/kg | 2.5 | 7/27/2010 | 7/27/2010 |
| Gasoline | ND | mg/kg | 2.5 | 7/24/2010 | 7/24/2010 |
| Gasoline | ND | mg/kg | 2.5 | 7/26/2010 | 7/26/2010 |
| Gasoline | ND | mg/kg | 2.5 | 7/26/2010 | 7/26/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/26/2010 | 7/26/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/26/2010 | 7/26/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/27/2010 | 7/27/2010 |
| methyl-t-butyl ether (MTBE) | ND | mg/kg | 0.025 | 7/24/2010 | 7/24/2010 |
| Naphthalene | ND | mg/kg | 0.125 | 7/26/2010 | 7/26/2010 |
| Toluene | ND | mg/Kg | 0.025 | 7/24/2010 | 7/24/2010 |
| Toluene | ND | mg/Kg | 0.025 | 7/26/2010 | 7/26/2010 |
| Toluene | ND | mg/Kg | 0.025 | 7/26/2010 | 7/26/2010 |
| Toluene | ND | mg/Kg | 0.025 | 7/27/2010 | 7/27/2010 |
| Total Xylene | ND | mg/Kg | 0.05 | 7/27/2010 | 7/27/2010 |
| Total Xylene | ND | mg/Kg | 0.05 | 7/24/2010 | 7/24/2010 |

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Attn: DAVE LAUDER

Batch #: 100726007
Project Name: IONE 0504-058-00

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|--------------|--------|-------|------|-----------|---------------|
| Total Xylene | ND | mg/Kg | 0.05 | 7/26/2010 | 7/26/2010 |
| Total Xylene | ND | mg/Kg | 0.05 | 7/26/2010 | 7/26/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

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Login Report

Customer Name: GEO ENGINEERS

523 E 2ND

SPOKANE

WA

99202

Order ID: 100726007

Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-001 **Customer Sample #:** MW-1-5.0

Recv'd:

Collector: SCOTT LATHEN

Date Collected: 7/12/2010

Quantity: 1

Matrix: Soil

Date Received: 7/14/2010 4:05:00 P

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-002 **Customer Sample #:** MW-1-10.0

Recv'd:

Collector: SCOTT LATHEN

Date Collected: 7/12/2010

Quantity: 1

Matrix: Soil

Date Received: 7/14/2010 4:05:00 P

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-003 **Customer Sample #:** MW-1-15.0

Recv'd:

Collector: SCOTT LATHEN

Date Collected: 7/12/2010

Quantity: 1

Matrix: Soil

Date Received: 7/14/2010 4:05:00 P

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-004 **Customer Sample #:** MW-1-20.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-005 **Customer Sample #:** MW-1-25.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-006 **Customer Sample #:** MW-1-30.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-007 **Customer Sample #:** MW-1-32.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-008 **Customer Sample #:** MW-2-5.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-009 **Customer Sample #:** MW-2-10.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-010 **Customer Sample #:** MW-2-15.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-011 **Customer Sample #:** MW-2-20.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-012 **Customer Sample #:** MW-2-25.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-013 **Customer Sample #:** MW-2-30.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-014 **Customer Sample #:** MW-2-32.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-015 **Customer Sample #:** MW-2-35

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/12/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-016 Customer Sample #: MW-2-37.5

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/12/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|----------------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-017 Customer Sample #: MW-2-40

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/12/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-018 Customer Sample #: MW-2-42.5

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-019 Customer Sample #: B-1-5.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-020 **Customer Sample #:** B-1-10.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-021 **Customer Sample #:** B-1-15.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-022 **Customer Sample #:** B-1-20.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-023 **Customer Sample #:** B-1-25.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-024 Customer Sample #: B-1-30.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-025 Customer Sample #: B-1-35.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-026 Customer Sample #: B-1-40.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-027 Customer Sample #: B-2-25.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-028 **Customer Sample #:** B-2-30.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-029 **Customer Sample #:** B-2-35.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-030 **Customer Sample #:** B-2-37.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-031 **Customer Sample #:** B-2-40.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|-----------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-032 **Customer Sample #:** B-2-44.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-033 **Customer Sample #:** B-3-5.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-034 **Customer Sample #:** B-3-25.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-035 **Customer Sample #:** B-3-30.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/13/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-036 Customer Sample #: B-3-35.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-037 Customer Sample #: B-3-37.5

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-038 Customer Sample #: B-3-40.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/13/2010
Quantity: 1 Matrix: Soil Date Received: 7/14/2010 4:05:00 P
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-039 Customer Sample #: TRIP BLANK

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/12/2010
Quantity: 1 Matrix: Liquid Date Received: 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|-------------|----------|----------|---------------------------|
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-040 **Customer Sample #:** B-4-3.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-041 **Customer Sample #:** B-4-13.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-042 **Customer Sample #:** B-4-23.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-043 **Customer Sample #:** B-4-33.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-044 **Customer Sample #:** MW-5-3.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-045 **Customer Sample #:** MW-5-13.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-046 **Customer Sample #:** MW-5-23.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-047 **Customer Sample #:** MW-5-33.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-048 **Customer Sample #:** MW-5-38.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-049 **Customer Sample #:** MW-5-43.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/21/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-050 **Customer Sample #:** MW-6-3.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/22/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-051 **Customer Sample #:** MW-6-13.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/22/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-052 **Customer Sample #:** MW-6-13.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/22/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-053 **Customer Sample #:** MW-6-33.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/22/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-054 **Customer Sample #:** MW-6-38.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/22/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-055 **Customer Sample #:** MW-6-43.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/22/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-056 **Customer Sample #:** MW-6-48.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/22/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-057 **Customer Sample #:** MW-7-3.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-058 **Customer Sample #:** MW-7-13.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-059 **Customer Sample #:** MW-7-23.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-060 **Customer Sample #:** MW-7-33.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-061 **Customer Sample #:** MW-7-38.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|----------------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-062 **Customer Sample #:** MW-7-43.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-063 **Customer Sample #:** MW-8-3.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|----------------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-064 **Customer Sample #:** MW-8-13.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-065 **Customer Sample #:** MW-8-23.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-066 **Customer Sample #:** MW-8-33.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-067 **Customer Sample #:** MW-8-38.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-068 **Customer Sample #:** MW-8-43.5

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/23/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-069 **Customer Sample #:** MW-4-5.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/20/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-070 **Customer Sample #:** MW-4-15.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/20/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-071 **Customer Sample #:** MW-4-25.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/20/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-072 Customer Sample #: MW-4-35.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/20/2010
Quantity: 1 Matrix: Soil Date Received: 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-073 Customer Sample #: MW-4-37.5

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/20/2010
Quantity: 1 Matrix: Soil Date Received: 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-074 Customer Sample #: MW-4-40.0

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/20/2010
Quantity: 1 Matrix: Soil Date Received: 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|-------------|-----------|----------|---------------------------|
| %Moisture | %moisture | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| BTEX 8021 | EPA 8021 | 8/5/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100726007-075 Customer Sample #: MW-4-47.5

Recv'd: Collector: SCOTT LATHEN Date Collected: 7/20/2010
Quantity: 1 Matrix: Soil Date Received: 7/26/2010 10:45:00 A
Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100726007
Order Date: 7/26/2010

Contact Name: DAVE LAUDER

Project Name: IONE 0504-058-00

Comment:

Sample #: 100726007-076 **Customer Sample #:** MW-4-50.0

Recv'd: **Collector:** SCOTT LATHEN **Date Collected:** 7/20/2010
Quantity: 1 **Matrix:** Soil **Date Received:** 7/26/2010 10:45:00 A

Comment:

| Test | Method | Due Date | Priority |
|------|--------|----------|---------------------------|
| HOLD | hold | 8/5/2010 | <u>Normal (6-10 Days)</u> |

SAMPLE CONDITION RECORD

| | |
|---|---------|
| Samples received in a cooler? | Yes |
| Samples received intact? | Yes |
| What is the temperature inside the cooler? | 5.2,3.5 |
| Samples received with a COC? | Yes |
| Samples received within holding time? | Yes |
| Are all sample bottles properly preserved? | Yes |
| Are VOC samples free of headspace? | Yes |
| Is there a trip blank to accompany VOC samples? | Yes |
| Labels and chain agree? | Yes |



Chain of Custody Record

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

100726 007 **GEOL** Lab# 8/5/2010
 1st SAMP 7/12/2010 1st RCVD 7/14/2010
 IONE 0504-058-00

Company Name: *GeoEngineers*
 Address: *525 E 2nd Ave* State: *WA* Zip: *99202*
 City: *Spokane*
 Phone: *363-5125*
 Fax: _____
 Project Manager: *Dave Lathin*
 Project Name & #: *Tune 0504-058-00*
 Email Address: *dlathin@geoengineers.com*
 Purchase Order #: _____
 Sampler Name & phone: *Scott Lathin 251-8339*

Provide Sample Description

| Lab ID | Sample Identification | Sampling Date/Time | Matrix | # of Containers | Sample Volume | List Analyses Requested |
|--------|-----------------------|--------------------|--------|-----------------|---------------|-------------------------|
| 1 | MW-1-5.0 | 7/14/10 11:05 | Soil | 1 | 100% | |
| 2 | MW-1-15.0 | 7/14/10 11:05 | Soil | 1 | 100% | |
| 3 | MW-1-15.0 | 7/14/10 11:05 | Soil | 1 | 100% | |
| 4 | MW-1-20.0 | 7/14/10 11:05 | Soil | 1 | 100% | |
| 5 | MW-1-25.0 | 7/14/10 11:05 | Soil | 1 | 100% | |
| 6 | MW-1-30.0 | 7/14/10 11:05 | Soil | 1 | 100% | |
| 7 | MW-1-32.5 | 7/14/10 11:05 | Soil | 1 | 100% | |
| 8 | MW-2-5.0 | 7/14/10 14:10 | Soil | 1 | 100% | |
| 9 | MW-2-10.0 | 7/14/10 14:18 | Soil | 1 | 100% | |
| 10 | MW-2-15.0 | 7/14/10 14:53 | Soil | 1 | 100% | |
| 11 | MW-2-20.0 | 7/14/10 14:56 | Soil | 1 | 100% | |
| 12 | MW-2-25.0 | 7/14/10 15:00 | Soil | 1 | 100% | |
| 13 | MW-2-30.0 | 7/14/10 15:09 | Soil | 1 | 100% | |

Note Special Instructions/Comments

Hold for paper samples Dave will call w/ requested Analyses

3 pages 1/3
4 pages 7-26
1 VOA w/ sample MW-1-32.5

Inspection Checklist

Received Inact? N
 Labels & Chains Agree? N
 Containers Sealed? N
 VOC Head Space? N
 Temperature (°C): *5.2*
 Preservative: *ice / H₂O*

Date & Time: *7-14-10*
 Inspected By: *KRS*

Relinquished by: *Scott Lathin* Signature: *[Signature]* Company: *GEI* Date: *7/14/10* Time: *16:05*
 Received by: *[Signature]*
 Relinquished by: _____
 Received by: _____
 Relinquished by: _____

* 2 batches / 1 report per Scott - 7-26-10 KRS



1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

Chain of Custody Record

Company Name: Geoenvironments

Address: 523 E 2nd Ave

City: Spokane WA State: WA Zip: 99202

Phone: 509 363 3125

Fax: _____

Project Manager: Dave Lander

Project Name & #: None 0504-058-00

Email Address: dlander@geoenvironments.com

Purchase Order #: _____

Sampler Name & phone: Scott Lathan 251 52 39

Provide Sample Description

List Analyses Requested

Note Special Instructions/Comments

| Lab ID | Sample Identification | Sampling Date/Time | Metric | # of Containers | Sample Volume | Preservative | Analysis Requested |
|--------|-----------------------|--------------------|--------|-----------------|---------------|--------------|--------------------|
| 14 | MW-2-32.5 | 7/14/10 | Soil | 1 | 4oz | | |
| 15 | MW-2-35 | | | 1 | | | |
| 16 | MW-2-37.5 | | | 1 | | | |
| 17 | MW-2-40 | | | 1 | | | |
| 18 | MW-2-42.5 | 7/13/10 | | 1 | | | |
| 19 | B-1-5.0 | 10/9/0 | | 1 | | | |
| 20 | B-1-10.0 | 10/9/0 | | 1 | | | |
| 21 | B-1-15.0 | 10/5/0 | | 1 | | | |
| 22 | B-1-20.0 | 10/5/0 | | 1 | | | |
| 23 | B-1-25.0 | 10/4/0 | | 1 | | | |
| 24 | B-1-30.0 | 11/3/0 | | 1 | | | |
| 25 | B-1-35.0 | 11/20/0 | | 1 | | | |
| 26 | B-1-40.0 | 10/19/0 | | 1 | | | |

Received Intact? N

Labels & Chainings Agree? N

Containers Sealed? N

VOC Head Space? N

Temperature (°C): 5.2°

Preservative: Ice / H2O

Date & Time: 7-14-10

Inspected By: KJR

100726 007 **GEOE** Last Date 8/5/2010
 1st SAMP 7/12/2010 1st RCVD 7/14/2010
 ICONE 0504-058-00

*All rush order requests must be prior approved.

Normal _____ Phone _____
 Next Day* _____ Mail _____
 2nd Day* _____ Fax _____
 Other* _____ Email _____

<http://www.analek.com/services/guides/chainofcustodyreporting.asp>

VDA - VDA included w/ sample
 MW-2-40.0

2/3



1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

Chain of Custody Record

100726 007 **GEOE** Last Date 8/5/2010
 1st SAMP 7/12/2010 1st RCVD 7/14/2010
 IONE 0504-058-00

Company Name: Geodynamics
 Address: _____ State: _____ Zip: _____
 City: _____
 Project Manager: Don Lander
 Project Name & #: _____
 Email Address: _____
 Phone: _____
 Purchase Order #: _____

Sampler Name & phone: Don Lander
 Provide Sample Description

| Lab ID | Sample Identification | Sampling Date/Time | Matrix | # of Containers | Sample Volume | Analysis | List Analyses Requested |
|--------|-----------------------|--------------------|--------|-----------------|---------------|----------|-------------------------|
| 27 | B-2-23.D | 7/13/10 1303 | S | 1 | 100 | | |
| 28 | B-2-30.D | 1308 | | 1 | | | |
| 29 | B-2-35.D | 1319 | | 1 | | | |
| 30 | B-2-37.5 | 1325 | | 1 | | | |
| 31 | B-2-40.D | 1340 | | 1 | | | |
| 32 | B-2-44.D | 1415 | | 1 | | | |
| 33 | B-3-51.D | 1500 | | 1 | | | |
| 34 | B-3-25.D | 1512 | | 1 | | | |
| 35 | B-3-30.D | 1522 | | 1 | | | |
| 36 | B-3-35.D | 1531 | | 1 | | | |
| 37 | B-3-37.5 | 1540 | | 1 | | | |
| 38 | B-3-40.D | 1554 | | 1 | | | |
| 39 | Trip blank | | | | | | |

Note: Special Instructions/Comments

Inspection Checklist

Received intact? N

Labels & Chains Agree? N

Containers Sealed? N

VOC Head Space? N

Temperature (C): Hand/cool

Preservative: Ice

Date & Time: 7-14-10

Inspected By: KL

GeoEngineers

523 EAST SECOND AVE.

SPOKANE, WASHINGTON 99202

(509) 363-3125

CHAIN OF CUSTODY REC

100726 007

GEOTECH

Last Date

8/5/2010

IONE 0504-058-00

7/12/2010 1st RCVD

7/14/2010

1/1 OF 4

LAB NO.

PROJECT NAME/LOCATION *SALC / Town, WA*

PROJECT NUMBER 0504-058-00

PROJECT MANAGER *JL*

SAMPLED BY *SL/KR*

ANALYSIS REQUIRED

NOTES/COMMENTS
(Preserved, Filtered, etc.)

already submitted

| LAB | GEOENGINEERS | DATE | TIME | MATRIX | # OF JARS |
|-----|--------------|---------|------|--------|-----------|
| B-2 | 440-0 | 7/21/10 | 1340 | Si | |
| B-2 | 444-0 | 7/21/10 | 1415 | | |
| B-3 | 50 | 7/14/10 | 1000 | | |
| B-3 | 25.0 | 7/14/10 | | | |
| B-3 | 30.0 | 7/14/10 | | | |
| B-3 | 35.0 | 7/14/10 | 1031 | | |
| B-3 | 34.5 | 7/14/10 | 1040 | | |
| B-3 | 40.0 | 7/14/10 | | | |
| B-4 | 35 | 7/21/10 | 0915 | | |
| B-4 | 135 | 7/21/10 | 0935 | | |
| B-4 | 23.5 | 7/21/10 | 0945 | | |

RELINQUISHED BY

SIGNATURE *[Signature]*

PRINTED NAME *Scott Lohman*

DATE *7/21/10*

TIME *1045*

FIRM *Protek*

RECEIVED BY

SIGNATURE *[Signature]*

PRINTED NAME *Scott Lohman*

DATE *7-26-10*

TIME *1045*

FIRM

DATE

TIME

SIGNATURE

PRINTED NAME

DATE

TIME

FIRM

DATE

TIME

SIGNATURE

PRINTED NAME

DATE

TIME

FIRM

DATE

TIME

FIRM

DATE

TIME

ADDITIONAL COMMENTS:

3.5° cooler ice

hand del.

CHAIN OF CUSTODY RECORD

GeoEngineers
 523 EAST SECOND AVE.
 SPOKANE, WASHINGTON 99202
 (509) 363-3125

100726 007 **GEOL** Lab 8/5/2010
 1st SAMP 7/12/2010 1st RCVD 7/14/2010
 IONE 0504-058-00

PAGE 5 OF 4
 LAB *Revised*
 LAB NO.

| PROJECT NAME/LOCATION | | PROJECT NUMBER | | PROJECT MANAGER | | SAMPLED BY | | ANALYSIS REQUIRED | | NOTES/COMMENTS | |
|-----------------------|--------------|----------------|------|-----------------|-----------|-----------------|--|-------------------|--|-----------------------------|-----|
| SAIC / Low WA | | 0504-058-00 | | DL | | KR | | | | (Preserved, filtered, etc.) | |
| LAB | GEOENGINEERS | DATE | TIME | MATRIX | # OF JARS | | | | | | |
| 43 | B-4-33.5 | 7/21/10 | 1000 | S | 1 | | | | | | VOL |
| 44 | MW-5-3.5 | 7/21/10 | 1235 | | | | | | | | |
| 45 | MW-5-13.5 | 7/21/10 | 1245 | | | | | | | | |
| 46 | MW-5-23.5 | 7/21/10 | 1258 | | | | | | | | |
| 47 | MW-5-33.5 | 7/21/10 | 1308 | | | | | | | | |
| 48 | MW-5-38.5 | 7/21/10 | 1317 | | | | | | | | VOL |
| 49 | MW-5-43.5 | 7/21/10 | 1351 | | | | | | | | |
| 50 | MW-6-3.5 | 7/22/10 | 1030 | | | | | | | | |
| 51 | MW-6-13.5 | 7/22/10 | 1040 | | | | | | | | |
| 52 | MW-6-23.5 | 7/22/10 | 1050 | | | | | | | | |
| 53 | MW-6-33.5 | 7/22/10 | 1100 | | | | | | | | |
| RELINQUISHED BY | | SIGNATURE | | FIRM | | RELINQUISHED BY | | SIGNATURE | | FIRM | |
| PRINTED NAME | | DATE | | TIME | | PRINTED NAME | | DATE | | TIME | |
| <i>AS Latta</i> | | 7/26/10 | | 1045 | | | | | | | |
| RECEIVED BY | | SIGNATURE | | FIRM | | RECEIVED BY | | SIGNATURE | | FIRM | |
| PRINTED NAME | | DATE | | TIME | | PRINTED NAME | | DATE | | TIME | |
| <i>K. Scott</i> | | 7-26-10 | | 1045 | | | | | | | |

ADDITIONAL COMMENTS:

35 / Cooler ice
 hand del.

GeoEngineers
523 EAST SECOND AVE.
SPOKANE, WASHINGTON 99202
(509) 363-3125

CHAIN OF CUSTODY RECORD

100723 007 **GEOTECH** LINE ONE 8/6/2010
 1st SAMP 7/12/2010 1st RCVD 7/14/2010
 IONE 0534-058-00

DATE 8/5 OF 4
 LAB *Aneth K*
 LAB NO.

| PROJECT NAME/LOCATION | | SAIC / Toll, WA | | ANALYSIS REQUIRED | | NOTES/COMMENTS <small>(Preserved, filtered, etc.)</small> | |
|-----------------------|---------|--------------------|--------|-------------------|--|--|--|
| PROJECT NUMBER | | 0507-058-00 | | | | | |
| PROJECT MANAGER | | DL | | | | | |
| SAMPLED BY | | KLR | | | | | |
| SAMPLE IDENTIFICATION | DATE | TIME | MATRIX | # OF JARS | | | |
| 54 MW-6-38.5 | 7/22/10 | 11:5 | Soil | 1 | | | |
| 55 MW-6-43.5 | 7/22/10 | 11:40 | | 1 | | | |
| 56 MW-6-48.5 | 7/22/10 | 12:00 | | 1 | | | |
| 57 MW-7-3.5 | 7/29/10 | 08:15 | | 1 | | | |
| 58 MW-7-13.5 | 7/29/10 | 08:25 | | 1 | | | |
| 59 MW-7-23.5 | 7/29/10 | 08:35 | | 1 | | | |
| 60 MW-7-33.5 | 7/29/10 | 08:45 | | 1 | | | |
| 61 MW-7-38.5 | 7/29/10 | 08:55 | | 1 | | | |
| 62 MW-7-43.5 | 7/29/10 | 09:03 | | 1 | | | |
| 63 MW-8-3.5 | 7/23/10 | 12:00 | | 1 | | | |
| 64 MW-8-13.5 | 7/23/10 | 12:07 | | 1 | | | |
| RELINQUISHED BY | | FIRM <i>BEI</i> | | RELINQUISHED BY | | FIRM | |
| SIGNATURE | | <i>[Signature]</i> | | SIGNATURE | | | |
| PRINTED NAME | | <i>B. Latken</i> | | PRINTED NAME | | | |
| DATE | | 7/26/10 | | DATE | | TIME | |
| RECEIVED BY | | FIRM <i>DAVID</i> | | RECEIVED BY | | FIRM | |
| SIGNATURE | | <i>[Signature]</i> | | SIGNATURE | | | |
| PRINTED NAME | | <i>[Name]</i> | | PRINTED NAME | | | |
| DATE | | 7-26-10 | | DATE | | TIME | |

ADDITIONAL COMMENTS:

3.5 / Coder ice
 hand del.

GeoEngineers
523 EAST SECOND AVE.
SPOKANE, WASHINGTON 99202
(509) 363-3125

CHAIN OF CUSTODY RECORD

100726 007 **GEOE** Lab
 1st SAMP 7/12/2010 1st RCVD 8/5/2010
 IONE 0504-058-00 7/14/2010

LAB NO.
 LAB ANALYST

PROJECT NAME/LOCATION SAIC / In, WA ANALYSIS REQUIRED

PROJECT NUMBER D504-058-00 NOTES/COMMENTS
(Preserved, stored, etc.)

PROJECT MANAGER PC SAMPLED BY KR

| LAB | GEOENGINEERS | DATE | TIME | MATRIX | # OF JARS | ANALYSIS REQUIRED | NOTES/COMMENTS |
|-----|--------------|---------|------|--------|-----------|-------------------|----------------|
| 65 | MW-8-23.5 | 7/23/10 | 1215 | S | | | |
| 66 | MW-8-33.5 | 7/23/10 | 1227 | | | | |
| 67 | MW-8-38.5 | 7/23/10 | 1230 | | | | |
| 68 | MW-8-43.5 | 7/23/10 | 1252 | | | | |
| 69 | MW-4-50 | 7/20/10 | 1005 | | | | |
| 70 | MW-4-15.0 | | 1018 | | | | |
| 71 | MW-4-25.0 | | 1022 | | | | |
| 72 | MW-4-35.0 | | 1030 | | | | |
| 73 | MW-4-37.5 | | 1044 | | | | |
| 74 | MW-4-40.0 | | 1048 | | | | |
| 75 | MW-4-47.5 | | 1150 | | | | |

NOTE: 6x/187

VOA

RELINQUISHED BY [Signature] FIRM GeoE
 SIGNATURE [Signature]
 PRINTED NAME S. Kasper
 DATE 7/26/10 TIME 1045

RECEIVED BY [Signature] FIRM Spade
 SIGNATURE [Signature]
 PRINTED NAME [Signature]
 DATE 7-26-10 TIME 1045

RELINQUISHED BY [Signature] FIRM GeoE
 SIGNATURE [Signature]
 PRINTED NAME [Signature]
 DATE 7-26-10 TIME 1045

RECEIVED BY [Signature] FIRM Spade
 SIGNATURE [Signature]
 PRINTED NAME [Signature]
 DATE 7-26-10 TIME 1045

ADDITIONAL COMMENTS: 76 MW-4-50.0 7/20/10 1240

35 Cooler hand slip.



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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|-------------------|---------------|------------------|
| Sample Number | 100809019-001 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM | | |
| Client Sample ID | MW-1-080510 | Sampling Time | 12:48 PM | Extraction Date | | | |
| Matrix | Water | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|-------------------|---------------|------------------|
| Sample Number | 100809019-002 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM | | |
| Client Sample ID | MW-2-080610 | Sampling Time | 9:54 AM | Extraction Date | | | |
| Matrix | Water | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|-------------------|---------------|------------------|
| Sample Number | 100809019-003 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM | | |
| Client Sample ID | MW-3-080610 | Sampling Time | 1:27 PM | Extraction Date | | | |
| Matrix | Water | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

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Client: GEO ENGINEERS
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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-004 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-4-080610 | Sampling Time | 2:33 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|----------------|--------|-------|-------|---------------|---------|-----------|-----------|
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-005 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-5-080610 | Sampling Time | 3:50 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|----------------|--------|-------|-------|---------------|---------|-----------|-----------|
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-006 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-6-080610 | Sampling Time | 2:41 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|----------------|--------|-------|-------|---------------|---------|-----------|-----------|
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100809019-007 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 | 11:30 AM | |
| Client Sample ID | MW-7-080610 | Sampling Time | 11:07 AM | Extraction Date | | | |
| Matrix | Water | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

| | | | | | | | |
|-------------------------|---------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100809019-008 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 | 11:30 AM | |
| Client Sample ID | MW-8-080610 | Sampling Time | 4:48 PM | Extraction Date | | | |
| Matrix | Water | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

| | | | | | | | |
|-------------------------|-------------------|------------------------|------------|---------------------------|----------------|---------------|------------------|
| Sample Number | 100809019-009 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 | 11:30 AM | |
| Client Sample ID | CABIN WELL-080610 | Sampling Time | 5:30 PM | Extraction Date | | | |
| Matrix | Water | Sample Location | | | | | |
| Comments | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Dissolved Lead | ND | mg/L | 0.001 | 8/20/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

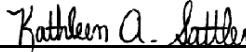
Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|--------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-010 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | DUPLICATE-1-080610 | Sampling Time | 12:34 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|----------------|--------|-------|-------|---------------|---------|-----------|-----------|
| Dissolved Lead | ND | mg/L | 0.001 | 8/20/2010 | KEA | EPA 200.8 | |
| Lead | ND | mg/L | 0.001 | 8/19/2010 | KEA | EPA 200.8 | |

Authorized Signature


Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-001 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-1-080510 | Sampling Time | 12:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 0.62 | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 0.01 | 8/19/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 0.58 | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Benzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-001 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-1-080510 | Sampling Time | 12:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 1.93 | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 0.55 | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| o-Xylene | 0.89 | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Toluene | 1.81 | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 0.2 | 8/19/2010 | WOZ | EPA 8260B | |

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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-001 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-1-080510 | Sampling Time | 12:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-001 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 81.2 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 99.2 | | 70-130 | |

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Batch #: 100809019
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Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-002 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-2-080610 | Sampling Time | 9:54 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | 0.01 | ug/L | 0.01 | 8/19/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Benzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-002 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-2-080610 | Sampling Time | 9:54 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Toluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 0.2 | 8/19/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-002 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-2-080610 | Sampling Time | 9:54 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-002 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 80.0 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 100.0 | | 70-130 | |

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Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-003 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-3-080610 | Sampling Time | 1:27 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 305 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Benzene | 2680 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-003 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-3-080610 | Sampling Time | 1:27 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 831 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 104 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 1940 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Naphthalene | 80.1 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 92.2 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| o-Xylene | 615 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Toluene | 3330 | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 50 | 8/13/2010 | WOZ | EPA 8260B | |

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Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-003 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-3-080610 | Sampling Time | 1:27 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-003 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.8 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 86.4 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 93.2 | | 70-130 | |

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SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-004 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-4-080610 | Sampling Time | 2:33 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 154 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 68.3 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Acetone | 36.0 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Benzene | 21.3 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-004 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-4-080610 | Sampling Time | 2:33 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 80.6 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 6.39 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 425 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Naphthalene | 10.3 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 15.1 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| o-Xylene | 189 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Toluene | 462 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-004 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-4-080610 | Sampling Time | 2:33 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-004 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 103.6 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 109.2 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 109.6 | | 70-130 | |

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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-005 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-5-080610 | Sampling Time | 3:50 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 2000 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 968 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 2500 | 8/13/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 2500 | 8/13/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Benzene | 2210 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-005 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-5-080610 | Sampling Time | 3:50 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 3210 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 945 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 13900 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 2500 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 2500 | 8/13/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 2500 | 8/13/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 691 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| o-Xylene | 5510 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Toluene | 37900 | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 500 | 8/13/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-005 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-5-080610 | Sampling Time | 3:50 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-005 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 101.2 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 86.0 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 94.8 | | 70-130 | |

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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-006 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-6-080610 | Sampling Time | 2:41 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 376 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 1250 | 8/13/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 1250 | 8/13/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Benzene | 9880 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-006 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-6-080610 | Sampling Time | 2:41 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 1640 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 466 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 5180 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 1250 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 1250 | 8/13/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 1250 | 8/13/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 312 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| o-Xylene | 2720 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Toluene | 14400 | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 250 | 8/13/2010 | WOZ | EPA 8260B | |

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-006 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-6-080610 | Sampling Time | 2:41 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-006 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 85.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 94.4 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-007 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-7-080610 | Sampling Time | 11:07 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 0.01 | 8/19/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acetone | 2.93 | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Benzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-007 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-7-080610 | Sampling Time | 11:07 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Toluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 0.2 | 8/19/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-007 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-7-080610 | Sampling Time | 11:07 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-007 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 81.2 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 101.6 | | 70-130 | |

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Client: GEO ENGINEERS
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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-008 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-8-080610 | Sampling Time | 4:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 186 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 70.7 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 125 | 8/18/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 125 | 8/18/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Benzene | 2620 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-008 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-8-080610 | Sampling Time | 4:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 334 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 902 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 125 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 125 | 8/18/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 125 | 8/18/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 37.1 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| o-Xylene | 403 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Toluene | 1750 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |

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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-008 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-8-080610 | Sampling Time | 4:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-008 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 104.8 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 101.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 101.6 | | 70-130 | |

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Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|-------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-009 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | CABIN WELL-080610 | Sampling Time | 5:30 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 369 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 199 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 250 | 8/18/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 250 | 8/18/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Benzene | 770 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|-------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-009 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | CABIN WELL-080610 | Sampling Time | 5:30 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 877 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 2600 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 250 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 250 | 8/18/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 250 | 8/18/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Naphthalene | 147 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 88.1 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| o-Xylene | 1390 | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Toluene | 4920 | ug/L | 250 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 50 | 8/18/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|-------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-009 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | CABIN WELL-080610 | Sampling Time | 5:30 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-009 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 104.0 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 105.6 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 100.0 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|--------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-010 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | DUPLICATE-1-080610 | Sampling Time | 12:34 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | 148 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | 65.0 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Acetone | 34.8 | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Benzene | 21.6 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|--------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-010 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | DUPLICATE-1-080610 | Sampling Time | 12:34 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | 81.5 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | 6.12 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | 419 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 25 | 8/18/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Naphthalene | 7.54 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | 14.7 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| o-Xylene | 194 | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Toluene | 472 | ug/L | 10 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 5 | 8/18/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|--------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-010 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | DUPLICATE-1-080610 | Sampling Time | 12:34 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-010 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.8 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 104.0 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 101.6 | | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-011 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | TRIP BLANK | Sampling Time | | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------------------------------|--------|-------|------|---------------|---------|-----------|-----------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,1-dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,3-Trichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dibromoethane | ND | ug/L | 0.01 | 8/19/2010 | WOZ | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,3-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 2-hexanone | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| 4-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acetone | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Acrylonitrile | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Benzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromodichloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromoform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Bromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon disulfide | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Carbon Tetrachloride | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-011 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | TRIP BLANK | Sampling Time | | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-------------------------------|--------|-------|-----|---------------|---------|-----------|-----------|
| Chloroethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloroform | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Chloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,2-dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| cis-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dibromomethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Dichlorodifluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Ethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Hexachlorobutadiene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Isopropylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| m+p-Xylene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl ethyl ketone (MEK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Methylene chloride | ND | ug/L | 2.5 | 8/13/2010 | WOZ | EPA 8260B | |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Naphthalene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| n-Propylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| o-Xylene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| p-isopropyltoluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| sec-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Styrene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| tert-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Tetrachloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Toluene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,2-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| trans-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichloroethene | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Trichlorofluoromethane | ND | ug/L | 0.5 | 8/13/2010 | WOZ | EPA 8260B | |
| Vinyl Chloride | ND | ug/L | 0.2 | 8/19/2010 | WOZ | EPA 8260B | |

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Client: GEO ENGINEERS **Batch #:** 100809019
Address: 523 E 2ND **Project Name:** SAIC, IONE 0504-058-00
SPOKANE, WA 99202
Attn: DAVE LAUDER

Analytical Results Report

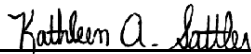
| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-011 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | TRIP BLANK | Sampling Time | | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|--------|-----------|
|-----------|--------|-------|-----|---------------|---------|--------|-----------|

Surrogate Data

| | | | | | | | |
|---------------------------|---------------|---------------|--|-------------------------|--|-----------------------|--|
| Sample Number | 100809019-011 | | | | | | |
| Surrogate Standard | | Method | | Percent Recovery | | Control Limits | |
| 1,2-Dichlorobenzene-d4 | | EPA 8260B | | 100.4 | | 70-130 | |
| 4-Bromofluorobenzene | | EPA 8260B | | 84.4 | | 70-130 | |
| Toluene-d8 | | EPA 8260B | | 96.4 | | 70-130 | |

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-001 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-1-080510 | Sampling Time | 12:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/12/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/12/2010 | MJL | NWTPHDX | |
| Gasoline | ND | mg/L | 0.1 | 8/10/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | |
|---------------------------|---------------|-------------------------|-----------------------|--|
| Sample Number | 100809019-001 | | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 91.8 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 105.9 | 70-130 | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-002 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-2-080610 | Sampling Time | 9:54 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/12/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/12/2010 | MJL | NWTPHDX | |
| Gasoline | ND | mg/L | 0.1 | 8/10/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | | |
|---------------------------|---------------|-------------------------|-----------------------|--|--|
| Sample Number | 100809019-002 | | | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits | | |
| hexacosane | NWTPHDX | 90.8 | 50-150 | | |
| 4-Bromofluorobenzene | NWTPHG | 107.9 | 70-130 | | |

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-003 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-3-080610 | Sampling Time | 1:27 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | 24.5 | mg/L | 1 | 8/13/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | | |
|---------------------------|---------------|-------------------------|-----------------------|--|--|
| Sample Number | 100809019-003 | | | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits | | |
| hexacosane | NWTPHDX | 93.8 | 50-150 | | |
| 4-Bromofluorobenzene | NWTPHG | 105.5 | 70-130 | | |

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-004 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-4-080610 | Sampling Time | 2:33 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | 4.94 | mg/L | 0.1 | 8/10/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100809019-004 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 91.2 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 103.9 | 70-130 |

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-005 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-5-080610 | Sampling Time | 3:50 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | 188 | mg/L | 5 | 8/13/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | |
|---------------------------|---------------|-------------------------|-----------------------|
| Sample Number | 100809019-005 | | |
| Surrogate Standard | Method | Percent Recovery | Control Limits |
| hexacosane | NWTPHDX | 95.8 | 50-150 |
| 4-Bromofluorobenzene | NWTPHG | 107.6 | 70-130 |

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Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-006 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-6-080610 | Sampling Time | 2:41 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | 76.4 | mg/L | 5 | 8/13/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|--|
| Sample Number | 100809019-006 | | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits | |
| hexacosane | | NWTPHDX | 95.0 | 50-150 | |
| 4-Bromofluorobenzene | | NWTPHG | 108.7 | 70-130 | |

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-007 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-7-080610 | Sampling Time | 11:07 AM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | ND | mg/L | 0.1 | 8/10/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|--|
| Sample Number | 100809019-007 | | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits | |
| hexacosane | | NWTPHDX | 93.4 | 50-150 | |
| 4-Bromofluorobenzene | | NWTPHG | 110.3 | 70-130 | |

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Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report

| | | | | | |
|-------------------------|---------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-008 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | MW-8-080610 | Sampling Time | 4:48 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | 14.8 | mg/L | 1 | 8/13/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|--|
| Sample Number | 100809019-008 | | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits | |
| hexacosane | | NWTPHDX | 94.4 | 50-150 | |
| 4-Bromofluorobenzene | | NWTPHG | 107.4 | 70-130 | |

| | | | | | |
|-------------------------|-------------------|------------------------|----------|---------------------------|-------------------|
| Sample Number | 100809019-009 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM |
| Client Sample ID | CABIN WELL-080610 | Sampling Time | 5:30 PM | Extraction Date | |
| Matrix | Water | Sample Location | | | |
| Comments | | | | | |

| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
|-----------|--------|-------|-----|---------------|---------|---------|-----------|
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | 40.0 | mg/L | 1 | 8/13/2010 | WOZ | NWTPHG | |

Surrogate Data

| | | | | | |
|---------------------------|---------------|---------------|-------------------------|-----------------------|--|
| Sample Number | 100809019-009 | | | | |
| Surrogate Standard | | Method | Percent Recovery | Control Limits | |
| hexacosane | | NWTPHDX | 94.6 | 50-150 | |
| 4-Bromofluorobenzene | | NWTPHG | 107.1 | 70-130 | |

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Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

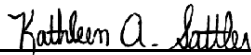
Analytical Results Report

| Sample Number | 100809019-010 | Sampling Date | 8/5/2010 | Date/Time Received | 8/9/2010 11:30 AM | | |
|-------------------------|--------------------|------------------------|----------|---------------------------|-------------------|---------|-----------|
| Client Sample ID | DUPLICATE-1-080610 | Sampling Time | 12:34 PM | Extraction Date | | | |
| Matrix | Water | Sample Location | | | | | |
| Comments | | | | | | | |
| | | | | | | | |
| Parameter | Result | Units | PQL | Analysis Date | Analyst | Method | Qualifier |
| Diesel | ND | mg/L | 0.1 | 8/13/2010 | MJL | NWTPHDX | |
| Lube Oil | ND | mg/L | 0.5 | 8/13/2010 | MJL | NWTPHDX | |
| Gasoline | 4.92 | mg/L | 0.1 | 8/10/2010 | WOZ | NWTPHG | |

Surrogate Data

| Sample Number | 100809019-010 | | | |
|----------------------|---------------|------------------|----------------|--|
| Surrogate Standard | Method | Percent Recovery | Control Limits | |
| hexacosane | NWTPHDX | 88.6 | 50-150 | |
| 4-Bromofluorobenzene | NWTPHG | 109.3 | 70-130 | |

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|--------------------|------------|-------|-----------|-------|---------|-----------|---------------|
| Trichloroethene | 12.1 | ug/L | 10 | 121.0 | 70-130 | 8/13/2010 | 8/13/2010 |
| Toluene | 11.6 | ug/L | 10 | 116.0 | 70-130 | 8/13/2010 | 8/13/2010 |
| Tetrachloroethene | 11.0 | ug/L | 10 | 110.0 | 70-130 | 8/13/2010 | 8/13/2010 |
| o-Xylene | 12.4 | ug/L | 10 | 124.0 | 70-130 | 8/13/2010 | 8/13/2010 |
| Ethylbenzene | 12.4 | ug/L | 10 | 124.0 | 70-130 | 8/13/2010 | 8/13/2010 |
| Chlorobenzene | 11.7 | ug/L | 10 | 117.0 | 70-130 | 8/13/2010 | 8/13/2010 |
| Benzene | 11.3 | ug/L | 10 | 113.0 | 70-130 | 8/13/2010 | 8/13/2010 |
| 1,1-Dichloroethene | 10.6 | ug/L | 10 | 106.0 | 70-130 | 8/13/2010 | 8/13/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------------------------------|--------|-------|-----|-----------|---------------|
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,1,1-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,1,2-Trichloroethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,1-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,1-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,1-dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2,3-Trichloropropane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2-Dibromo-3-chloropropane(DBCP) | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2-Dibromoethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2-Dichloroethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,3-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,3-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 1,4-Dichlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 2,2-Dichloropropane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| 2-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |

Comments: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-------------------------------|--------|-------|-----|-----------|---------------|
| 2-hexanone | ND | ug/L | 2.5 | 8/13/2010 | 8/13/2010 |
| 4-Chlorotoluene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Acetone | ND | ug/L | 2.5 | 8/13/2010 | 8/13/2010 |
| Acrylonitrile | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Benzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Bromobenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Bromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Bromodichloromethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Bromoform | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Bromomethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Carbon disulfide | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Carbon Tetrachloride | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Chlorobenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Chloroethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Chloroform | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Chloromethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| cis-1,2-dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| cis-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Dibromochloromethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Dibromomethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Dichlorodifluoromethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Ethylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Hexachlorobutadiene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Isopropylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| m+p-Xylene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Methyl ethyl ketone (MEK) | ND | ug/L | 2.5 | 8/13/2010 | 8/13/2010 |
| Methyl isobutyl ketone (MIBK) | ND | ug/L | 2.5 | 8/13/2010 | 8/13/2010 |
| Methylene chloride | ND | ug/L | 2.5 | 8/13/2010 | 8/13/2010 |
| methyl-t-butyl ether (MTBE) | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Naphthalene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| n-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| n-Propylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| o-Xylene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| p-isopropyltoluene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| sec-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Styrene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| tert-Butylbenzene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |

Comments: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report Quality Control Data

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|---------------------------|--------|-------|-----|-----------|---------------|
| Tetrachloroethene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Toluene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| trans-1,2-Dichloroethene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| trans-1,3-Dichloropropene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Trichloroethene | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Trichloroflouromethane | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |
| Vinyl Chloride | ND | ug/L | 0.5 | 8/13/2010 | 8/13/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|------|---------|-----------|---------------|
| Diesel | 0.674 | mg/L | 1 | 67.4 | 50-150 | 8/12/2010 | 8/12/2010 |
| Gasoline | 0.933 | mg/L | 1.1 | 84.8 | 70-130 | 8/10/2010 | 8/10/2010 |

Matrix Spike

| Sample Number | Parameter | Sample Result | MS Result | Units | MS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|---------------|-----------|---------------|-----------|-------|----------|------|---------|-----------|---------------|
| 100809019-001 | Gasoline | ND | 1.04 | mg/L | 1.1 | 94.5 | 70-130 | 8/10/2010 | 8/10/2010 |
| 100809019-001 | Diesel | ND | 0.642 | mg/L | 1 | 64.2 | 50-150 | 8/12/2010 | 8/12/2010 |

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|-----------|------------|-------|-----------|-------|------|---------|-----------|---------------|
| Gasoline | 1.14 | mg/L | 1.1 | 103.6 | 9.2 | 0-20 | 8/10/2010 | 8/10/2010 |
| Diesel | 0.869 | mg/L | 1 | 86.9 | 30.0 | 0-50 | 8/12/2010 | 8/12/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|-----------|--------|-------|-----|-----------|---------------|
| Diesel | ND | mg/L | 0.1 | 8/12/2010 | 8/12/2010 |
| Gasoline | ND | mg/L | 0.1 | 8/10/2010 | 8/10/2010 |
| Lube Oil | ND | mg/L | 0.5 | 8/12/2010 | 8/12/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: GEO ENGINEERS
Address: 523 E 2ND
SPOKANE, WA 99202
Attn: DAVE LAUDER

Batch #: 100809019
Project Name: SAIC, IONE 0504-058-00

Analytical Results Report Quality Control Data

Lab Control Sample

| Parameter | LCS Result | Units | LCS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|----------------|------------|-------|-----------|-------|---------|-----------|---------------|
| Dissolved Lead | 0.0480 | mg/L | 0.05 | 96.0 | 85-115 | 8/19/2010 | 8/19/2010 |
| Lead | 0.0500 | mg/L | 0.05 | 100.0 | 85-115 | 8/16/2010 | 8/19/2010 |

Matrix Spike

| Sample Number | Parameter | Sample Result | MS Result | Units | MS Spike | %Rec | AR %Rec | Prep Date | Analysis Date |
|---------------|----------------|---------------|-----------|-------|----------|------|---------|-----------|---------------|
| 100809019-004 | Lead | ND | 0.0487 | mg/L | 0.05 | 97.4 | 70-130 | 8/16/2010 | 8/19/2010 |
| 100809019-001 | Dissolved Lead | ND | 0.0498 | mg/L | 0.05 | 99.6 | 70-130 | 8/19/2010 | 8/19/2010 |

Matrix Spike Duplicate

| Parameter | MSD Result | Units | MSD Spike | %Rec | %RPD | AR %RPD | Prep Date | Analysis Date |
|----------------|------------|-------|-----------|------|------|---------|-----------|---------------|
| Lead | 0.0485 | mg/L | 0.05 | 97.0 | 0.4 | 0-20 | 8/16/2010 | 8/19/2010 |
| Dissolved Lead | 0.0495 | mg/L | 0.05 | 99.0 | 0.6 | 0-20 | 8/19/2010 | 8/19/2010 |

Method Blank

| Parameter | Result | Units | PQL | Prep Date | Analysis Date |
|----------------|--------|-------|-------|-----------|---------------|
| Dissolved Lead | ND | mg/L | 0.001 | 8/19/2010 | 8/19/2010 |
| Lead | ND | mg/L | 0.001 | 8/16/2010 | 8/19/2010 |

Duplicate

| Sample Number | Parameter | Sample Result | Duplicate Result | Units | %RPD | AR %RPD | Prep Date | Analysis Date |
|---------------|----------------|---------------|------------------|-------|------|---------|-----------|---------------|
| 100809019-006 | Dissolved Lead | ND | ND | mg/L | 0.0 | 0-20 | 8/19/2010 | 8/19/2010 |
| 100809019-005 | Lead | ND | ND | mg/L | 0.0 | 0-20 | 8/16/2010 | 8/19/2010 |

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM:ID00013; OR:ID200001-002; WA:C595
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Login Report

Customer Name: GEO ENGINEERS

523 E 2ND

SPOKANE

WA

99202

Order ID: 100809019

Order Date: 8/9/2010

Contact Name: DAVE LAUDER

Project Name: SAIC, IONE 0504-058-00

Comment: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Sample #: 100809019-001 **Customer Sample #:** MW-1-080510

Recv'd:

Collector: KEVIN RANDALL, LYNN

Date Collected: 8/5/2010

Quantity: 1

Matrix: Water

Date Received: 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|----------------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100809019-002 **Customer Sample #:** MW-2-080610

Recv'd:

Collector: KEVIN RANDALL, LYNN

Date Collected: 8/5/2010

Quantity: 1

Matrix: Water

Date Received: 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|----------------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE

WA 99202

Order ID: 100809019
Order Date: 8/9/2010

Contact Name: DAVE LAUDER

Project Name: SAIC, IONE 0504-058-00

Comment: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Sample #: 100809019-003 **Customer Sample #:** MW-3-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100809019-004 **Customer Sample #:** MW-4-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100809019-005 **Customer Sample #:** MW-5-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100809019
Order Date: 8/9/2010

Contact Name: DAVE LAUDER

Project Name: SAIC, IONE 0504-058-00

Comment: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Sample #: 100809019-006 **Customer Sample #:** MW-6-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100809019-007 **Customer Sample #:** MW-7-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100809019-008 **Customer Sample #:** MW-8-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS
523 E 2ND
SPOKANE WA 99202

Order ID: 100809019
Order Date: 8/9/2010

Contact Name: DAVE LAUDER

Project Name: SAIC, IONE 0504-058-00

Comment: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

Sample #: 100809019-009 **Customer Sample #:** CABIN WELL-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100809019-010 **Customer Sample #:** DUPLICATE-1-080610

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| DISSOLVED LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| LEAD | EPA 200.8 | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHDX-NW | NWTPHDX | 8/16/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Sample #: 100809019-011 **Customer Sample #:** TRIP BLANK

Recv'd: **Collector:** KEVIN RANDALL, LYNN **Date Collected:** 8/5/2010
Quantity: 1 **Matrix:** Water **Date Received:** 8/9/2010 11:30:00 A

Comment:

| Test | Method | Due Date | Priority |
|-------------------|-----------|-----------|---------------------------|
| RBCA COCS FOR GAS | EPA 8260B | 8/19/2010 | <u>Normal (6-10 Days)</u> |
| TPHG-NW-SPO | NWTPHG | 8/16/2010 | <u>Normal (6-10 Days)</u> |

Customer Name: GEO ENGINEERS

523 E 2ND

SPOKANE

WA

99202

Order ID: 100809019

Order Date: 8/9/2010

Contact Name: DAVE LAUDER

Project Name: SAIC, IONE 0504-058-00

Comment: DISSOLVED LEAD SAMPLES NOT FIELD FILTERED.

SAMPLE CONDITION RECORD

| | |
|---|---------|
| Samples received in a cooler? | Yes |
| Samples received intact? | Yes |
| What is the temperature inside the cooler? | 2.9/4.3 |
| Samples received with a COC? | Yes |
| Samples received within holding time? | Yes |
| Are all sample bottles properly preserved? | Yes |
| Are VOC samples free of headspace? | Yes |
| Is there a trip blank to accompany VOC samples? | Yes |
| Labels and chain agree? | Yes |



Chain of Custody Record

100809 019 **GEOE** LAT Due 8/19/2010
 1st SAMP 8/5/2010 1st RCVD 8/9/2010
 JAIC, IONE 0504-058-00

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

Company Name: **GeoEngineers** Project Manager: **Dave Laufer**
 Address: **523 E. 2nd Ave** Project Name & #: **SAC, Tene**
 City: **Spokane** State: **WA** Zip: **99202** Email Address: **dlauder@geoengineers.com**
 Phone: **509-363-3125** Purchase Order #: _____
 Fax: **363-3120** Sampler Name & phone: **Kevin Randall (435) 764-7169**

| Lab ID | Sample Identification | Sampling Date/Time | Matrix | List Analyses Requested | | | | | | | Sample Volume | # of Containers | Preservative |
|--------|-----------------------|--------------------|--------|-------------------------|--------|--------|--------|--------|--------|--------|---------------|-----------------|--------------|
| | | | | WV-260 | WV-260 | WV-260 | WV-260 | WV-260 | WV-260 | WV-260 | | | |
| 1 | MW-1-080510 | 8/5/10 | W | X | X | X | X | X | X | X | X | | |
| 2 | MW-2-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 3 | MW-3-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 4 | MW-4-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 5 | MW-5-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 6 | MW-6-080510 | 8/5/10 | W | X | X | X | X | X | X | X | X | | |
| 7 | MW-7-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 8 | MW-8-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 9 | MW-11-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 10 | Duplicate-1-080610 | 8/6/10 | W | X | X | X | X | X | X | X | X | | |
| 11 | Trip Blanks | | | | | | | | | | | | |

Provide Sample Description: _____
 Signature: **Kevin Randall** Date: **8/9/10**
 Relinquished by: **Kevin Randall** Company: **GeoEngineers**
 Received by: **J. Randall** Date: **8/9** Time: **1130**
 Relinquished by: _____
 Received by: _____
 Relinquished by: _____
 Received by: _____

Note Special Instructions/Comments
 * VOC's using EPA Method 8260
 Total & Dissolved lead sample has NOT been filtered
 please filter in the lab.
 SWBS
 all sp
 Inspection Checklist
 Received Intact? Y N
 Labels & Chains Agree? Y N
 Containers Sealed? Y N
 VOC Head Space? Y N
 Temperature (°C): **29 / 4.3**
 Preservative: **HCl Ice**
 Date & Time: **8-9-10**
 Inspected By: **FIS**

PQL's need to be at or below MICA method A cleanup levels.

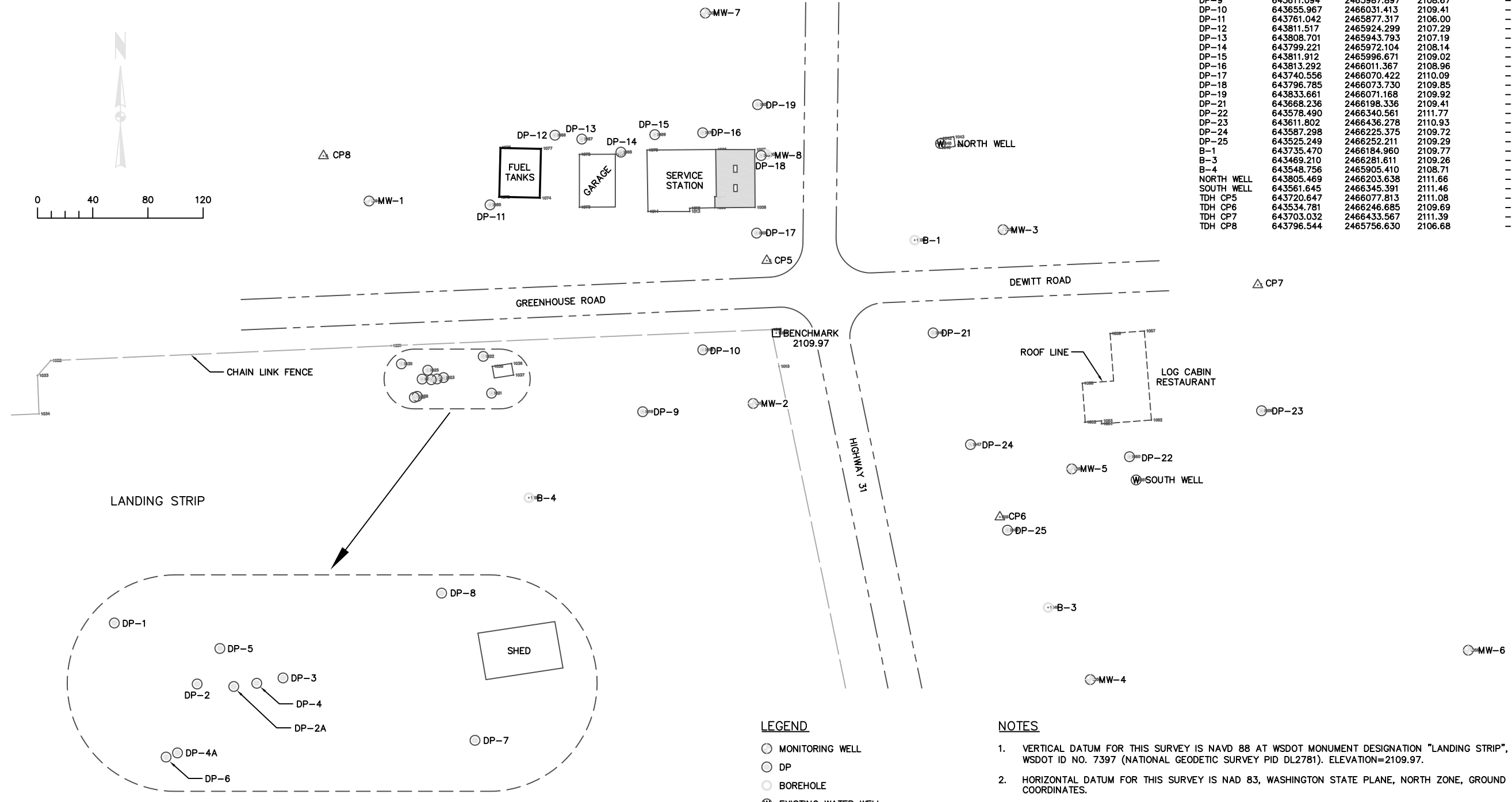
MONITORING WELLS/SITE FEATURES

GEO ENGINEERS PROJECT NO. 0504-058-00

LOCATED IN SECTION 7 AND SECTION 18,
TOWNSHIP 37 NORTH, RANGE 43 EAST, WILLAMETTE MERIDIAN,
PEND OREILLE COUNTY, IONE, WASHINGTON

COORDINATE TABLE

| STATION | NORTHING | EASTING | RIM/GROUND ELEVATION | TOP OF PVC ELEVATION |
|------------|------------|-------------|----------------------|----------------------|
| MW-1 | 643763.814 | 2465789.627 | 2106.68 | 2106.45 |
| MW-2 | 643617.071 | 2466067.935 | 2109.62 | 2109.36 |
| MW-3 | 643743.030 | 2466248.966 | 2110.44 | 2110.17 |
| MW-4 | 643416.970 | 2466312.181 | 2109.49 | 2109.31 |
| MW-5 | 643569.617 | 2466298.778 | 2109.59 | 2109.28 |
| MW-6 | 643438.242 | 2466586.057 | 2110.55 | 2110.34 |
| MW-7 | 643899.995 | 2466033.222 | 2109.60 | 2109.31 |
| MW-8 | 643797.534 | 2466077.366 | 2110.03 | 2109.72 |
| DP-1 | 643645.789 | 2465813.077 | 2108.32 | - |
| DP-2 | 643634.738 | 2465828.080 | 2109.24 | - |
| DP-2A | 643634.283 | 2465834.712 | 2109.20 | - |
| DP-3 | 643635.834 | 2465843.632 | 2109.27 | - |
| DP-4 | 643634.865 | 2465838.879 | 2109.15 | - |
| DP-4A | 643622.255 | 2465824.515 | 2109.62 | - |
| DP-5 | 643641.176 | 2465832.194 | 2109.12 | - |
| DP-6 | 643621.497 | 2465822.450 | 2109.61 | - |
| DP-7 | 643624.531 | 2465878.404 | 2109.00 | - |
| DP-8 | 643651.204 | 2465872.358 | 2108.82 | - |
| DP-9 | 643611.094 | 2465987.897 | 2108.67 | - |
| DP-10 | 643655.967 | 2466031.413 | 2109.41 | - |
| DP-11 | 643761.042 | 2465877.317 | 2106.00 | - |
| DP-12 | 643811.517 | 2465924.299 | 2107.29 | - |
| DP-13 | 643808.701 | 2465943.793 | 2107.19 | - |
| DP-14 | 643799.221 | 2465972.104 | 2108.14 | - |
| DP-15 | 643811.912 | 2465996.671 | 2109.02 | - |
| DP-16 | 643813.292 | 2466011.367 | 2108.96 | - |
| DP-17 | 643740.556 | 2466070.422 | 2110.09 | - |
| DP-18 | 643796.785 | 2466073.730 | 2109.85 | - |
| DP-19 | 643833.661 | 2466071.168 | 2109.92 | - |
| DP-21 | 643668.236 | 2466198.336 | 2109.41 | - |
| DP-22 | 643578.490 | 2466340.561 | 2111.77 | - |
| DP-23 | 643611.802 | 2466436.278 | 2110.93 | - |
| DP-24 | 643587.298 | 2466225.375 | 2109.72 | - |
| DP-25 | 643525.249 | 2466252.211 | 2109.29 | - |
| B-1 | 643735.470 | 2466184.960 | 2109.77 | - |
| B-3 | 643469.210 | 2466281.611 | 2109.26 | - |
| B-4 | 643548.756 | 2465905.410 | 2108.71 | - |
| NORTH WELL | 643805.469 | 2466203.638 | 2111.66 | - |
| SOUTH WELL | 643561.645 | 2466345.391 | 2111.46 | - |
| TDH CP5 | 643720.647 | 2466077.813 | 2111.08 | - |
| TDH CP6 | 643534.781 | 2466246.685 | 2109.69 | - |
| TDH CP7 | 643703.032 | 2466433.567 | 2111.39 | - |
| TDH CP8 | 643796.544 | 2465756.630 | 2106.68 | - |



DETAIL: 1"=10'

- LEGEND**
- MONITORING WELL
 - DP
 - BOREHOLE
 - ⊕ EXISTING WATER WELL
 - WSDOT BENCHMARK
 - △ TD&H SURVEY CONTROL POINT

- NOTES**
1. VERTICAL DATUM FOR THIS SURVEY IS NAVD 88 AT WSDOT MONUMENT DESIGNATION "LANDING STRIP", WSDOT ID NO. 7397 (NATIONAL GEODETIC SURVEY PID DL2781). ELEVATION=2109.97.
 2. HORIZONTAL DATUM FOR THIS SURVEY IS NAD 83, WASHINGTON STATE PLANE, NORTH ZONE, GROUND COORDINATES.
 2. MONITORING WELL ELEVATIONS WERE TAKEN AT GROUND/RIM LEVEL AND AT THE TOP OF PVC PIPE AT THE NORTHERLY EDGE.
 3. TD&H SURVEY CONTROL POINTS ARE RANDOMLY LOCATED 60d SPIKES.

REVISIONS: 9/15/10
 BY: MPR DATE: 9/15/10
 BY: MPR DATE: 9/15/10
 BY: MPR DATE: 9/15/10

THOMAS, DEAN & HOSKINS, INC.
 ENGINEERING CONSULTANTS
 GREAT FALLS-BOZEMAN-KALISPELL
 SPOKANE
 LEWISTON
 MONTANA
 WASHINGTON
 IDAHO

DRAWN BY: MPR
 DESIGNED BY: MPR
 QUALITY CHECK: MPR
 DATE: 08/27/10
 JOB NO. S10-048
 FIELDBOOK TDS



APPENDIX E
Report Limitations and Guidelines for Use

APPENDIX E REPORT LIMITATIONS AND GUIDELINES FOR USE¹

This appendix provides information to help you manage your risks with respect to the use of this report.

Environmental Services Are Performed for Specific Purposes, Persons and Projects

GeoEngineers has performed this Site Characterization of the Ione Petroleum Contamination site located in Ione, Washington in general accordance with the Work Plan, dated April 9, 2010. This report has been prepared for the exclusive use of Science Applications International Corporation, Washington Department of Ecology, their authorized agents and regulatory agencies. This report is not intended for use by others, and the information contained herein is not applicable to other properties.

GeoEngineers structures our services to meet the specific needs of our clients. For example, an ESA study conducted for a property owner may not fulfill the needs of a prospective purchaser of the same property. Because each environmental study is unique, each environmental report is unique, prepared solely for the specific client and property. No one except Science Applications International Corporation, Washington State Department of Ecology should rely on this environmental report without first conferring with GeoEngineers. Use of this report is not recommended for any purpose or project except the one originally contemplated.

This Environmental Report is Based on a Unique Set of Project-Specific Factors

This report has been prepared for the Ione Petroleum Contamination site located in Ione, Washington. GeoEngineers considered a number of unique, project-specific factors when establishing the scope of services for this project and report. Unless GeoEngineers specifically indicates otherwise, it is important not to rely on this report if it was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

If important changes are made to the project or property after the date of this report, we recommend that GeoEngineers be given the opportunity to review our interpretations and recommendations. Based on that review, we can provide written modifications or confirmation, as appropriate.

¹ Developed based on material provided by ASFE, Professional Firms Practicing in the Geosciences; www.asfe.org.

Reliance Conditions for Third Parties

Our report was prepared for the exclusive use of our Client. No other party may rely on the product of our services unless we agree to such reliance in advance and in writing. This is to provide our firm with reasonable protection against open-ended liability claims by third parties with whom there would otherwise be no contractual limits to their actions. Within the limitations of scope, schedule and budget, our services have been executed in accordance with our Agreement with the Client and generally accepted environmental practices in this area at the time this report was prepared.

Environmental Regulations Are Always Evolving

Some substances may be present in the vicinity of the subject property in quantities or under conditions that may have led, or may lead, to contamination of the subject property, but are not included in current local, state or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoEngineers cannot be responsible if the standards for appropriate inquiry, or regulatory definitions of hazardous substances, change or if more stringent environmental standards are developed in the future.

Uncertainty May Remain Even After This Phase II ESA is Completed

Performance of a Phase II ESA is intended to reduce uncertainty regarding the potential for contamination in connection with a property, but no ESA can wholly eliminate that uncertainty. Our interpretation of subsurface conditions in this study is based on field observations and chemical analytical data from widely spaced sampling locations. It is always possible that contamination exists in areas that were not explored, sampled or analyzed.

Subsurface Conditions Can Change

This environmental report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time, by man-made events such as construction on or adjacent to the subject property, by new releases of hazardous substances, or by natural events such as floods, earthquakes, slope instability or groundwater fluctuations. Please contact GeoEngineers before applying this report for its intended purpose so that GeoEngineers may evaluate whether changed conditions affect the continued applicability of the report.

Soil and Groundwater End Use

The cleanup levels referenced in this report are site- and situation-specific. The cleanup levels may not be applicable for other properties or for other on-site uses of the affected soil and/or groundwater. Note that hazardous substances may be present in some of the on-site soil and/or groundwater at detectable concentrations that are less than the referenced cleanup levels. GeoEngineers should be contacted prior to the export of soil or groundwater from the subject property or reuse of the affected soil or groundwater on-site to evaluate the potential for associated environmental liabilities. We are unable to assume responsibility for potential environmental liability arising out of the transfer of soil and/or groundwater from the subject property to another location or its reuse on-site in instances that we did not know or could not control.

Most Environmental Findings Are Professional Opinions

Our interpretations of subsurface conditions are based on field observations and chemical analytical data from widely spaced sampling locations at the subject property. Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. GeoEngineers reviewed field and laboratory data and then applied our professional judgment to render an informed opinion about subsurface conditions throughout the property. Actual subsurface conditions may differ, sometimes significantly, from those indicated in this report. Our report, conclusions and interpretations should not be construed as a warranty of the subsurface conditions.

Do Not Redraw the Exploration Logs

Environmental scientists prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in an environmental report should never be redrawn for inclusion in other design drawings. Only photographic or electronic reproduction is acceptable, but separating logs from the report can create a risk of misinterpretation.

Read These Provisions Closely

It is important to recognize that the geoscience practices (geotechnical engineering, geology and environmental science) are less exact than other engineering and natural science disciplines. Without this understanding, there may be expectations that could lead to disappointments, claims and disputes. GeoEngineers includes these explanatory “limitations” provisions in our reports to help reduce such risks. Please confer with GeoEngineers if you need to know more about how these “Report Limitations and Guidelines for Use” apply to your project or property.

Biological Pollutants

GeoEngineers’ Scope of Work specifically excludes the investigation, detection, prevention or assessment of the presence of Biological Pollutants. Accordingly, this report does not include any interpretations, recommendations, findings or conclusions regarding the detecting, assessing, preventing or abating of Biological Pollutants, and no conclusions or inferences should be drawn regarding Biological Pollutants as they may relate to this project. The term “Biological Pollutants” includes, but is not limited to, molds, fungi, spores, bacteria and viruses, and/or any of their byproducts.

A Client that desires these specialized services is advised to obtain them from a consultant who offers services in this specialized field.

Have we delivered World Class Client Service?

Please let us know by visiting [www. geoengineers.com/feedback](http://www.geoengineers.com/feedback).

