

November 15, 2012

1006.008.01.003

SRMKII, LLC 520 6th Street South Kirkland WA 98033

Attention: Mr. Dave Tomson

SOIL ASSESSMENT REPORT FORMER PACE NATIONAL PROPERTY 500 7TH AVENUE SOUTH KIRKLAND, WASHINGTON

Dear Mr. Tomson:

PES Environmental, Inc. (PES) conducted an assessment of soil quality at the Former Pace National property, located at 500 7th Avenue South, in Kirkland, Washington (Property; Figure 1), currently owned by Ultra Corporation (Ultra). The purpose of the soil assessment was to assist SRMKII, LLC (SRMKII) in characterizing the soil that will be excavated during future site re-development activities and determine the appropriate disposal method. Based on the results of this assessment, PES identified excavation areas for soils requiring off-site disposal at a facility permitted to accept soil with detectable concentrations of contaminants, including concentrations below applicable cleanup levels (referred to as "gray soil") and those that may be disposed of off-site without restrictions (referred to as "clean soil"). PES also evaluated the removal of saturated soils and groundwater within the estimated vinyl chloride area located in the northwestern portion of the Property.

Proposed revisions to the Compliance Monitoring Plan as a result of the planned site redevelopment are also included in this report. Our understanding of the project background is based on a review of the Remedial Investigation/Feasibility Study (RI/FS) prepared by Sound Environmental Strategies (SES), dated December 13, 2010, and the Final Cleanup Action Plan (CAP) prepared by the Washington Department of Ecology (Ecology) dated January 2012. PES conducted the soil assessment field activities from August 13 to 17, 2012, consistent with PES's *Soil Assessment Proposal – Revised*, dated August 7, 2012.

SITE DESCRIPTION

The 5-acre Property is currently vacant. The northern one-third portion of the Property is the location of the former Pace National operations and is a mixture of dirt, vegetation, and asphalt surfaces (see Figure 2). The majority of the non-asphalt areas are overgrown with brush, blackberries, and a few small trees. The southern two-thirds of the Property are wooded and have never been developed. The surface terrain of the northern portion of the Property consists of a relatively flat area at an elevation of approximately 169 feet above mean sea level (amsl)

and slopes to the west to an elevation of approximately 149 feet amsl along the western property line. The area of a former drum storage yard is at a slightly lower elevation of approximately 160 feet amsl.

RE-DEVELOPMENT PLANS

The preliminary proposed re-development plans for the property include a mass excavation to an elevation of approximately 142.5 feet amsl for the construction of two floors of subsurface parking. The parking garage footprint is shown on Figure 2. A two-story office complex will be constructed above the parking structure. Slope cuts for the mass excavation will be 1:1 along the northern, western, and southern excavation limits. The eastern sidewall of the excavation will be shored along the property line. In addition to the re-development mass excavation, saturated soils within the vinyl chloride area will be removed (as discussed below in the Vinyl Chloride Area Excavation Approach). The sidewalls for the vinyl chloride area excavation will be shored along the northern and western property lines.

BACKGROUND

The Property is the location of a former chemical mixing and packaging facility (Pace National Corporation). Extensive investigation and remediation activities have occurred at the Property as independent cleanup actions (prior to 2009) and pursuant to an Agreed Order between Ultra and Ecology. Ultra and Ecology have since negotiated a Consent Decree for implementation of the selected final cleanup action. The final cleanup action includes monitored natural attenuation of vinyl chloride in groundwater present in the northwest corner of the Property, but no further actions for soil. Ecology concluded that soil on the Property met applicable cleanup levels. Contaminants of Concern (COCs) on the Property include petroleum hydrocarbons, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and organochlorine pesticides.

Previous consultants have conducted remedial actions (predominantly soil excavation activities) to address areas where soil investigations indicated COC concentrations above the Model Toxics Control Act (MTCA)¹ Method A or Method B soil cleanup levels for unrestricted land use.

The areas where soil remediation was completed include:

- Former Ecology Tank Area (FETA): this area is the location of a former oil/water separator and Ecology flow-through tank where investigations indicated elevated concentrations of VOCs, SVOCs, and organochlorine pesticides in soil;
- Former Railroad Unloading Area (RUA): investigations in this area indicated elevated concentrations of mineral spirits, diesel-range petroleum hydrocarbons (DRPH), and VOCs in soil;

¹ Washington State Department of Ecology *Model Toxics Control Act – Cleanup*, Chapter 173-340 WAC. October 2007.

- Former Underground Storage Tank (UST) Area: investigations in this area indicated elevated concentrations of gasoline-range petroleum hydrocarbons (GRPH) and mineral spirits in soil;
- Subsurface Utilities: investigations in this area indicated elevated concentrations of VOCs in soil; and
- SB-15 Area: investigations in this area indicated elevated concentrations of oil-range petroleum hydrocarbons (ORPH) in soil.

Additional investigation activities were conducted to assess the following areas:

- Former Drum Storage Yard;
- Site of the former Pace Main Building; and
- Downgradient of the facility.

Confirmation soil samples collected during the previous soil excavation activities indicated that the excavation base and sidewall samples did not contain COC concentrations above their respective MTCA Method A or Method B cleanup levels. However, excavation sidewall soil samples indicated that low-level detections of residual COCs did remain in some locations at the time of the soil excavation activities.

Soil samples collected from two soil borings located in areas outside of the soil excavation activities indicated concentrations of tetrachloroethene (PCE) above the MTCA Method A cleanup level of 0.05 milligrams per kilogram (mg/kg). These included hand auger boring HA-3 (located in the drum storage yard along the southern property line) with a PCE detection of 0.08 mg/kg at a depth of 0.5 feet, and SP-17 (located in the RUA area, along the eastern property line) with a PCE detection of 0.059 mg/kg at a depth of 2 feet.

Additional soil investigation activities indicated that samples collected from seven locations within and west of the former drum storage yard contained detectable concentrations of petroleum hydrocarbons and VOCs. Three samples collected within the site of the former Pace main building contained detectable concentrations of bromomethane (a VOC). The bromomethane concentrations were reportedly due to method blank contamination.² The soil boring log for SP-11 indicated black-stained soil at 11 feet below ground surface (bgs). Based on a review of the available data, it is unclear if soils containing the organochlorine pesticide chlordane (detected in the 1999 FETA excavation western sidewall) were removed. In addition, based on a review of the available data, it is unclear if excavated soil that was treated on-site was placed back into the excavations, and if so, if detectable concentrations remained in the material.

The preliminary proposed property re-development activities include excavation of soil to depths ranging from 10 to 26.5 feet bgs (resulting in an excavation base elevation of

² This conclusion was confirmed by the current investigation.

approximately 142.5 feet amsl). Soil samples collected during previous soil investigation activities (not including excavation activities) ranged from near the surface to 10-11 feet bgs. PES was only able to determine the location of one soil boring with a soil sample analyzed deeper than 11 feet bgs (HC-MW-4 at a depth of 19 feet). A soil sample collected from boring SP-T at 17.5 feet bgs had detectable DRPH, but the location of this boring is not known.

Although these historical data indicated that the soil remaining on the property met applicable cleanup levels (except the two locations noted above), the data also indicated that remaining soil contains detectable concentrations of COCs. These detectable concentrations will affect the method of disposal of the excavated soil during re-development. The scope of work for this soil assessment was to assist in defining the extent (horizontally and vertically) of the soil containing residual concentrations of COCs (i.e. gray soil). In addition, this investigation assessed whether there were possible impacts to the southernmost portion of the property (south of the drum storage yard), which had not been investigated to date.

FIELD ACTIVITIES

Prior to conducting the drilling activities, public and private utility locates were conducted, the proposed boring locations were identified with a Global Positioning System (GPS) unit, and where necessary, the locations were cleared of vegetation using a backhoe.

From August 13 to August 17, 2012, PES oversaw the drilling of 4 shallow borings (HA-5 through HA-8) and 21 deeper borings (GP-1 through GP-5, GP-7 through GP-10, GP-12 through GP-20, GP-23, GP-24, and GP-25). Cascade Drilling, Inc., a Washington State licensed drilling company, was subcontracted to drill the borings with either a track-mounted or truck-mounted direct-push drilling rig. The borings were hand-cleared to approximately 2.5 to 3 feet bgs with a hand auger, and shallow soil samples were collected from most locations using the hand auger. The shallow borings (HA-5 through HA-8) were advanced to depths of 10 feet bgs, and the deeper borings were advanced to a maximum of 35 feet bgs. The boring locations are shown on Figure 2.

The soil boring locations were selected to address the following concerns:

- 1) Residual PCE concentrations in the location of HA-3 (boring GP-1);
- 2) Residual PCE and ORPH concentrations in the location of SP-17 and the RUA eastern sidewall (boring GP-12);
- 3) Black stained soil in the location of SP-11 (boring GP-8);
- 4) Residual VOC and petroleum hydrocarbon concentrations in the location of HC-MW-5 and SP-15 (boring GP-13);
- 5) Backfill and soil concentrations within and beneath Area C of the former UST excavation (boring GP-20);
- 6) Backfill and residual sidewall soil concentrations within the FETA excavation area (boring GP-19);

- 7) Vinyl chloride concentrations of soil in contact with the vinyl chloride groundwater plume (borings GP-15 and GP-18);
- 8) Various low-level residual VOC and petroleum hydrocarbon concentrations detected at locations throughout the site; and
- 9) Black-stained soil with a hydrocarbon odor observed during the pre-drilling site walk (GP-24 and GP-25).

Continuous soil samples were collected using five-foot long core barrels lined with new acetate sleeves. PES observed the soil cores for lithologic characterization and field screened the soil cores for VOCs with a photo-ionization detector (PID). PES collected soil samples in the appropriate laboratory-approved sampling containers at least every 5 feet. The soil samples were collected using syringe samplers following the USEPA Method 5035 protocols. The syringe samples were placed in laboratory provided bottles preserved with methanol for GRO and VOC analyses; additional sample volume was collected in unpreserved glass soil sample jars for DRO and HO analyses and to determine soil moisture content. The sample bottles were sealed, labeled, and placed in a cooler on ice for delivery to Fremont Analytical, Inc, (Fremont) in Seattle, Washington, a Washington State accredited laboratory. The soil borings logs are included in Attachment A.

All drilling and non-dedicated sampling equipment was decontaminated between each drilling location. Upon completion of the soil sampling activities, the borings were filled from the bottom of the boring to the surface with bentonite chips, hydrated, and sealed at the surface with a concrete patch. Decontamination water (one drum containing approximately 15 gallons) and residual soil (one 55-gallon drum) were stored on-site, pending disposal. Samples of the soil and water were collected and analyzed for disposal characterization purposes. The drummed soil and groundwater will be disposed of appropriately once disposal acceptance has been obtained.

FIELD OBSERVATIONS OF SUBSURFACE CONDITIONS

The general geology encountered at the Property consisted of an upper fill layer of silty sand to depths ranging from approximately 2 to 13 feet bgs, underlain by medium plasticity silt with sand to depths ranging from approximately 8.5 to 20 feet bgs. A marker bed between 4 and 12 inches thick composed of organic material was seen in most of the borings at or near the contact between the silty sand fill and the silt with sand. The lower-most unit encountered in all but three borings was a very hard, highly elastic silt layer to a maximum drilled depth of 35 feet bgs. This unit was not encountered at GP-15, GP-16, or GP-18, which are located on the northwestern portion of the Property.

No areas of staining (with the exception of iron oxide staining) were observed in the soil cores. Notable chemical odors were observed in boring GP-10 from approximately 13 to 15 feet bgs and in GP-13 at approximately 5 feet bgs. Notable PID readings were encountered while drilling in GP-10 from approximately 13 to 17 feet bgs, GP-13 from approximately 5 to 12 feet bgs, and GP-19 from approximately 1 foot to 8 feet bgs.

LABORATORY ANALYTICAL RESULTS

The samples selected for analysis were based on field observations, historical data, and/or selected to characterize soil in 10-foot horizons. The initial soil samples were analyzed for VOCs using US Environmental Protection Agency (USEPA) Method 8260, GRPH using Method NWTPH-Gx, and DRPH and ORPH using Method NWTPH-Dx with silica gel cleanup. Two samples collected near the FETA excavation (GP-19) were analyzed for organochlorine pesticides using EPA Method 8081. If the initial analytical results indicated any chemical detections, additional analyses were requested of samples located either directly above or directly below the detections in order to vertically delineate the detections. Copies of the laboratory analytical reports are included in Attachment B.

The final laboratory analytical reports were reviewed and validated in accordance with USEPA data validation procedures to ensure that the data were acceptable for their intended use. Data validation memoranda were prepared and are included with the laboratory analytical reports in Attachment B. With the exception of one methylene chloride result, which was analyzed significantly outside of holding times, all of the soil data were deemed acceptable for site characterization. Methylene chloride is a common laboratory contaminant; detections of this compound are not considered a concern and the data will not be considered as soil detections.

The laboratory analytical results are summarized in Tables 1 through 3. A total of 63 soil samples were analyzed from 25 locations throughout the Property. As indicated in the data tables, only nine samples from eight soil borings had detections of one or more of the following: GRO, DRO, HO, petroleum-related VOCs, and/or chlordane. These detections are summarized below, including the approximate sample elevation (in feet amsl) of the sample using the available topographic survey information for the property:

- 1) GP-18 (northwest portion of the property, herein referred to as Area 1):
 - 6 feet bgs (152 feet amsl): DRO detected at a concentration of 661 mg/kg; HO detected at a concentration of 109 mg/kg; various low-level petroleum-related VOCs; and
 - 12 feet bgs (146 feet amsl): HO detected at a concentration of 102 mg/kg; various low-level petroleum-related VOCs including benzene detected at a concentration of 0.0426 mg/kg. The benzene concentration also slightly exceeds the MTCA Method A soil cleanup level for unrestricted land use (0.03 mg/kg).
- 2) GP-10 (Former Pace Main Building, herein referred to as Area 2):
 - 14.5 feet bgs (154.5 feet amsl): GRO detected at a concentration of 6,070 mg/kg; DRO (as fuel oil) detected at a concentration of 5,890 mg/kg; various low-level petroleum-related VOCs. The GRO and DRO concentrations also exceed the MTCA Method A soil cleanup levels for unrestricted land use (100 mg/kg and 2,000 mg/kg, respectively).

- 3) GP-8 (Former Pace Main Building, herein referred to as Area 3):
 - 10 feet bgs (159 feet amsl): cis-1,2-dichloroethene (cis-1,2-DCE) detected at a concentration of 0.0251 mg/kg.
- 4) HA-7 (south of former drum storage yard, herein referred to as Area 4):
 - 2 feet bgs (elevation unknown): total xylenes detected at a concentration of 0.019 mg/kg.
- 5) GP-1 (southern portion of former drum storage yard, herein referred to as Area 5):
 - 1 feet bgs (157 feet amsl): toluene detected at a concentration of 0.157 mg/kg.
- 6) GP-24 (west of former drum storage yard, herein referred to as Area 6):
 - 0.5 feet bgs (157.5 feet amsl): HO detected at a concentration of 176 mg/kg.
- 7) GP-13 (west of former drum storage yard, herein referred to as Area 7):
 - 6 feet bgs (152 feet amsl): GRO detected at a concentration of 851 mg/kg; DRO (as fuel oil) detected at a concentration of 13,000 mg/kg; various low-level petroleum-related VOCs including naphthalene detected at a concentration of 11.5 mg/kg. The GRO, DRO and naphthalene concentrations also exceed the MTCA Method A soil cleanup levels for unrestricted land use (100 mg/kg, 2,000 mg/kg, and 5 mg/kg, respectively).
- 8) GP-19 (north central portion of the property, area of FETA excavation; herein referred to as Area 8):
 - 1.5 feet bgs (163.5 feet amsl): DRO detected at a concentration of 17.8 mg/kg; alpha- and gamma-chlordane detected at concentrations of 0.0164 and 0.0242 mg/kg, respectively.

The various low level petroleum-related VOCs detected on the Property include benzene, toluene, ethylbenzene, and xylenes (BTEX), iso-propyltoluene, n-propyltoluene, 1,3,5-trimethylbenzene, sec-butylbenzene, 4-isopropyltoluene, n-butylbenzene, 1,2,4-trimethylbenzene, and naphthalene.

All historical data indicating detectable concentrations were either confirmed or refuted with the recent soil data, with the exception of HA-4 and B-9 in the drum storage yard. Historically (1990), di-n-butyl-phthalate was detected in HA-4 in the surface sample at a concentration of 0.79 mg/kg. This phthalate detection in the shallow soils is not expected to be a concern for the purposes of special soil handling and disposal. In 1991, a Hydrocarbon Identification (HCID) detection of 38 mg/kg was reported for B-9 at a depth of 7.5 feet bgs. HCID is generally a qualitative screening technique, and this area is not expected to be a concern.

GRAY SOIL EXCAVATION APPROACH

SRMKII will excavate soils in the locations of borings with detectable concentrations prior to the start of the re-development mass excavation. The proposed locations of the gray soil excavations, designated as "Areas," are shown on Figure 3. PES proposes an observational approach to the gray soil excavations. PES recommends limited soil excavation activities within each of the identified Areas beginning at the locations with the documented soil contamination and extending radially outward 10 feet and one to two feet below the depth of the soil sample with a detection. The proposed excavations for Area 1 and Areas 4 through 8 begin at the ground surface due to the chemical detections within the shallowest soil samples. For Areas 2 and 3, the soil from the ground surface to seven feet bgs was considered clean based on a clean soil sample at seven feet in boring GP-8. It is assumed that seven feet of overburden will be removed and transported off-site as clean soil in Areas 2 and 3.

Upon completion of the initial excavation of gray soil, samples from the sidewalls and base of each excavation will be collected and analyzed for the known chemical detections in each area. If the sample results indicate soils with detectable chemical concentrations remain, the sidewalls and/or base will be extended an additional four feet and the soils will be re-tested until each Area meets the clean soil criteria. Once an Area meets the clean soil criteria, the Area will be approved for mass excavation and no further soil testing will be required. Given the large size of the property and locations of the gray soil areas within the property, this approach will limit the volume of gray soil excavated while minimizing impacts to the general re-development activities.

VINYL CHLORIDE AREA EXCAVATION APPROACH

A portion of the proposed subsurface parking garage is located over the area where vinyl chloride is present in groundwater near the northwestern corner of the Property (Figure 3). SRMKII has decided to extend the excavation in this area to remove the saturated soils, which includes the perched groundwater containing vinyl chloride concentrations greater than the cleanup level (0.2 micrograms per liter [μ g/L]). This additional excavation is being conducted to mitigate potential concerns regarding vapor intrusion into the subsurface parking garage and overlying office complex. The assumed area of vinyl chloride-impacted groundwater (as shown on Figure 3) is based on the area of monitored natural attenuation specified in the CAP. Prior to conducting the excavation in this area, a limited investigation will be performed to further delineate the extent of vinyl chloride in groundwater in this area to better direct the excavation activities. Up to six additional direct-push borings will be drilled for the collection of saturated soil samples and vertical delineation of the depth of the glacial till. Temporary wells will be installed in the soil borings to facilitate the collection of groundwater samples. All soil and groundwater samples will be analyzed for vinyl chloride, using USEPA Method 8260.

Saturated soils within the vinyl chloride area (Area 9) will be excavated to the depth of the till. The elevation of the till outside the garage footprint is estimated to range from 130 to 132 feet amsl. The clean overburden will be removed and stockpiled on-site. Confirmation samples of the overburden will be collected and analyzed prior to its use as backfill. The saturated soils will be transported off-site for disposal as either clean material or gray soil, based on the pre-excavation assessment analytical results. Water that accumulates in the excavation (rain water or perched water) will be collected, stored, tested, and properly disposed of. The excavation will be back-filled with either clean on-site soils or imported clean fill material.

The majority of saturated soils within the vinyl chloride area inside the garage footprint will be excavated during planned site mass excavation for the re-development (Figure 3). The current planned mass excavation elevation for the base of the parking garage is 142.5 feet amsl. Based on a review of soil boring logs, PES anticipates that the depth to the till could extend to an elevation of approximately 132 feet amsl in portions of the vinyl chloride area and therefore, over-excavation deeper than the planned re-development excavation will be necessary to remove the saturated soils above the till. A cross section showing the vinyl chloride area excavation is shown on Figure 4. The cross-section is based on the Generalized Geologic Cross Section A-A' from the RI/FS report which was annotated to show the limits of the subsurface garage, additional geologic information obtained from this soil assessment, and the proposed vertical extent of the saturated soil excavation in the vinyl chloride area. As shown on Figure 4, upon completion of the proposed excavation, the saturated soil and the perched groundwater containing the vinyl chloride will be removed from the Property.

PROPOSED COMPLIANCE MONITORING PLAN REVISIONS

The compliance monitoring plan (included in the CAP) for the final cleanup action includes collection and analysis of groundwater samples from eight monitoring wells (HC-MW-3, HC-MW-7 through HC-MW-10, and SES-MW25 through SES-MW27) located on and off the property (Figure 3). Four of these compliance monitoring wells (HC-MW-7 through HC-MW-10) are located within the proposed vinyl chloride excavation area along the western property boundary and will need to be decommissioned by a licensed driller prior to the start of excavation activities (tentatively scheduled for August 2013).

PES believes that the decommissioned wells do not need to be replaced and recommends modifying the compliance monitoring plan to remove these wells from further monitoring. As discussed above, the groundwater being monitored by these wells will be removed during the excavation activities, eliminating the need to replace the wells. In addition, continued monitoring can be performed utilizing wells SES-MW25 through SES-MW27, located downgradient of the wells being decommissioned.

The CAP specifies that compliance monitoring will be complete if groundwater analytical results for compliance monitoring wells show four consecutive sampling events with vinyl chloride concentrations at or below the cleanup level. PES understands that after completion of the re-development activities, SRMKII will propose to Ecology to conduct semi-annual sampling of the three down-gradient off-site wells SES-MW25 through SES-MW27 for two years. If these results are below the applicable cleanup levels, SRMKII will request that the Consent Decree be dismissed.

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If vinyl chloride concentrations in SES-MW25, SES-MW26, or SES-MW27 are above the applicable cleanup level, semi-annual sampling will continue to be performed until four consecutive rounds indicate concentrations are below the cleanup level.

PES appreciates the opportunity to be of service on this project. If you have any questions regarding this letter, or need any additional information, please feel free to contact either of us at (206) 529-3980.

Very truly yours,

PES ENVIRONMENTAL, INC.

Kelly L. Rankich Project Engineer

Dean

Daniel A. Balbiani, P.E. Principal Engineer

Attachments: Figure 1 – Site Location Map Figure 2 – Soil Assessment Boring Locations Figure 3 – Proposed Excavation Areas and Cross-Section Location Figure 4 – Cross-Section A-A' Table 1 – Summary of Analytical Results – Total Petroleum Hydrocarbons Table 2 – Summary of Analytical Results – Detected VOCs Table 3 – Summary of Analytical Results – Organochlorine Pesticides Attachment A – Soil Boring Logs Attachment B – Laboratory Analytical Reports and Data Validation Memoranda



1006.008.01.003 JOB NUMBER





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IDERGROUND STORM DRAIN LINE
IDERGROUND SANITARY SEWER LINE
IDERGROUND FLOOR DRAIN LINE
AILROAD
NCE
JBJECT PROPERTY BOUNDARY
ROUND SURFACE ELEVATION CONTOUR IN FEET (MEAN SEA LEVEL)
ART CROWSER EXPLORATION LOCATION AND NUMBER
DNITORING WELL (2006)
DNITORING WELL (2005)
DNITORING WELL (2003)
RECT-PUSH BORING WITH RECONNAISSANCE GROUNDWATER SAMPLE (2003)
RECT-PUSH BORING WITH RECONNAISSANCE GROUNDWATER SAMPLE (2006)
CONNAISSANCE GROUNDWATER SAMPLE (2006)
RECT-PUSH BORING (2006)
RECT-PUSH BORING (2003)
IND AUGER/BORING (1990)
JLLOW-STEM BORING (1991)
S ENGINEERS EXPLORATION LOCATION AND NUMBER
RECT-PUSH BORING WITH MONITORING WELL (2004/2005)
RECT-PUSH BORING WITH MONTORING WELL (2004/2005)
RECT-PUSH BORING (2004/2005)
JUND ENVIRONMENTAL STRATEGIES (SES) EXPLORATION LOCATION AND NUMBER
DNITORING WELL (2010)
RECT-PUSH BORING (2010)
OSS BAY VISTA CONDOMINIUM PROPERTY
NING LOCATION (FES, 2012)
IL EXCAVATION CRIMINEL (SOCIND EARTH STIALEOILO, 2003)
LELIMINARY GARAGE FOOTPRINT
JALYTES TESTED FOR WERE NOT DETECTED (2012)
VALYTES TESTED FOR WERE DETECTED (2012)
VALYTES TESTED FOR WERE NOT DETECTED (HISTORICAL)
JALYTES TESTED FOR WERE DETECTED (HISTORICAL)
ROPOSED EXCAVATION AREA DESIGNATION
ORMER EXCAVATION AND EXCAVATION DEPTH
ROPOSED VINYL CHLORIDE AREA EXCAVATION
CAVATION SHORING FOR VINYL CHLORIDE AREA EXCAVATION
f the vinvi chloride area on the Property based on Figure 14 of the Cleanup Action Plan (SES, 2011)
ROSS-SECTION LOCATION (ARROWS SHOW DIRECTION OF VIEW)
Basemap Reference: SoundEarth Strategies
Proposed Excavation Areas and
Cross-Section Location FIGURE
Former Pace National Property
500 7th Avenue South
Kirkland, Washington
11/12

DATE



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Table 1Summary of Soil Analytical Results - Total Petroleum HydrocarbonsFormer Pace National Property500 7th Avenue South, Kirkland, WA

				Estimated										
		Sample	Depth	Elevation	GRC)	Gasoli	ne	DRC)	Fuel C	Dil	НО	
Boring ID	Sample ID	Date	(ft bgs)	(ft amsl)	(mg/k	g)	(mg/k	g)	(mg/k	(g)	(mg/k	g)	(mg/k	g)
GP-1	GP-1-1	08/17/12	1	157	5.49	U	5.49	U	23.2	U	23.2	U	57.9	U
	GP-1-7.5	08/17/12	7.5	150.5	NA		NA		NA		NA		NA	
	GP-1-17.5	08/17/12	17.5	140.5	4.99	U	4.99	U	23.6	U	23.6	U	58.9	U
GP-2	GP-2-6.5	08/17/12	6.5	159.5	5.79	U	5.79	U	21.6	U	21.6	U	53.9	U
	GP-2-14	08/17/12	14	152	5.81	U	5.81	U	23.8	U	23.8	U	59.6	U
GP-3	GP-3-6.5	08/17/12	6.5	159.5	4.69	U	4.69	U	23.1	U	23.1	U	57.8	U
	GP-3-19	08/17/12	19	147	5.82	U	5.82	U	23.6	U	23.6	U	58.9	U
GP-4	GP-4-8	08/14/12	8	150	5.06	U	5.06	U	21.5	U	21.5	U	53.8	U
	GP-4-18	08/14/12	18	140	6.58	U	6.58	U	18.9	U	18.9	U	47.2	U
GP-5	GP-5-7	08/17/12	7	158	4.38	U	4.38	U	20.9	U	20.9	U	52.3	U
	GP-5-18	08/17/12	18	147	9.34	U	9.34	U	22.9	U	22.9	U	57.2	U
GP-7	GP-7-3	08/13/12	3	162	5.32	U	5.32	U	19.6	U	19.6	U	49.0	U
	GP-7-12.5	08/13/12	12.5	152.5	7.26	U	7.26	U	23.8	U	23.8	U	59.6	U
	GP-7-22.5	08/13/12	22.5	142.5	7.09	U	7.09	U	23.9	U	23.9	U	59.7	U
GP-8	GP-8-7	08/17/12	7	162	NA		NA		NA		NA		NA	
	GP-8-10	08/17/12	10	159	5.58	U	5.58	U	21.3	U	21.3	U	53.2	U
	GP-8-15	08/17/12	15	154	NA		NA		NA		NA		NA	
	GP-8-24	08/17/12	24	145	4.38	U	4.38	U	23.7	U	23.7	U	59.3	U
GP-9	GP-9-4.5	08/15/12	4.5	164.5	6.29	U	6.29	U	21.2	U	21.2	U	52.9	U
	GP-9-13	08/15/12	13	156	5.30	U	5.30	U	19.6	U	19.6	U	49.0	U
	GP-9-24	08/15/12	24	145	5.65	U	5.65	U	24.4	U	24.4	U	60.9	U
GP-10	GP-10-2.5	08/17/12	2.5	166.5	4.05	UJ	4.05	UJ	18.7	U	18.7	U	46.7	U
	GP-10-14.5	08/17/12	14.5	154.5	6,070		4.44	U	21.1	U	5,890		52.7	U
	GP-10-22	08/17/12	22	147	4.57	U	4.57	U	22.1	U	22.1	U	55.2	U
GP-12	GP-12-3	08/15/12	3	162	6.33	U	6.33	U	17.3	U	17.3	U	43.2	U
	GP-12-11.5	08/15/12	11.5	153.5	4.74	U	4.74	U	20.2	U	20.2	U	50.5	U
	GP-12-20	08/15/12	20	145	4.83	U	4.83	U	23.5	U	23.5	U	58.7	U
GP-13	GP-13-6	08/14/12	6	152	851		6.73	U	24.9	U	13,000		62.3	U
	GP-13-9.5	08/14/12	9.5	148.5	4.29	U	4.29	U	21.2	U	21.2	U	53.1	U
	GP-13-12	08/14/12	12	146	6.41	U	6.41	U	22.5	U	22.5	U	56.3	U
	GP-13-23	08/14/12	23	135	6.66	U	6.66	U	22.5	U	22.5	U	56.3	U
GP-14	GP-14-3	08/17/12	3	153	5.09	U	5.09	U	20.2	U	20.2	U	50.6	U
	GP-14-12.5	08/17/12	12.5	143.5	5.77	U	5.77	U	22.3	U	22.3	U	55.8	U
GP-15	GP-15-3	08/13/12	3	153	5.63	U	5.63	U	19.6	U	19.6	U	49.1	U
	GP-15-11	08/13/12	11	145	5.72	U	5.72	U	20.8	U	20.8	U	51.9	U
	GP-15-23	08/13/12	23	133	6.14	U	6.14	U	19.8	U	19.8	U	49.4	U
GP-16	GP-16-6	08/13/12	3	157	6.20	U	6.20	U	20.0	U	20.0	U	49.9	U
	GP-16-8.5	08/13/12	8.5	151.5	5.94	U	5.94	U	22.1	U	22.1	U	55.2	U
	GP-16-19	08/13/12	19	141	6.65	U	6.65	U	21.6	U	21.6	U	53.9	U

Table 1Summary of Soil Analytical Results - Total Petroleum HydrocarbonsFormer Pace National Property500 7th Avenue South, Kirkland, WA

				Estimated										
		Sample	Depth	Elevation	GRC)	Gasoli	ne	DRO)	Fuel C	Dil	НО	
Boring ID	Sample ID	Date	(ft bgs)	(ft amsl)	(mg/k	g)	(mg/k	g)	(mg/k	(g)	(mg/k	g)	(mg/k	(g)
GP-17	GP-17-6.5	08/13/12	6.5	153.5	6.14	U	6.14	U	18.7	U	18.7	U	46.8	U
	GP-17-19	08/13/12	19	141	7.92	U	7.92	U	22.7	U	22.7	U	56.7	U
	GP-17-28	08/13/12	28	132	6.76	U	6.76	U	22.0	U	22.0	U	55.1	U
GP-18	GP-18-6	08/13/12	6	152	5.92	U	5.92	U	661		25.4	U	109	
	GP-18-12	08/13/12	12	146	NA		NA		23.6	U	23.6	U	102	
	GP-18-18	08/13/12	18	140	4.99	U	4.99	U	21.8	U	21.8	U	54.6	U
	GP-18-27	08/13/12	27	131	5.16	U	5.16	U	24.0	U	24.0	U	59.9	U
GP-19	GP-19-1.5	08/15/12	1.5	163.5	7.44	U	7.44	U	17.8		17.1	U	42.8	U
	GP-19-9	08/15/12	9	156	4.58	U	4.58	U	17.9	U	17.9	U	44.7	U
	GP-19-20.5	08/15/12	20.5	144.5	5.53	U	5.53	U	24.5	U	24.5	U	61.3	U
GP-20	GP-20-11.5	08/15/12	11.5	152.5	5.77	U	5.77	U	23.9	U	23.9	U	59.8	U
	GP-20-23	08/15/12	23	141	6.05	U	6.05	U	24.3	U	24.3	U	60.7	U
GP-23	GP-23-7.5	08/15/12	7.5	157.5	5.82	U	5.82	U	21.9	U	21.9	U	54.7	U
	GP-23-16	08/15/12	16	149	5.38	U	5.38	U	23.2	U	23.2	U	58.0	U
GP-24	GP-24-0.5	08/14/12	0.5	157.5	5.92	U	5.92	U	20.4	U	20.4	U	176	
	GP-24-5.5	08/14/12	5.5	152.5	NA		NA		22.8	U	22.8	U	56.9	U
	GP-24-11	08/14/12	11	147	7.50	U	7.50	U	21.4	U	21.4	U	53.5	U
GP-25	GP-25-3	08/14/12	3	155	5.81	U	5.81	U	21.6	U	21.6	U	53.9	U
	GP-25-12.5	08/14/12	12.5	145.5	7.47	U	7.47	U	21.4	U	21.4	U	53.4	U
HA-5	HA-5-2	08/14/12	2	NA	4.80	U	4.80	U	20.5	U	20.5	U	51.4	U
HA-6	HA-6-2	08/14/12	2	NA	6.21	U	6.21	U	19.6	U	19.6	U	49.0	U
HA-7	HA-7-2	08/14/12	2	NA	4.74	U	4.74	U	22.0	U	22.0	U	55.1	U
	HA-7-6	08/14/12	6	NA	NA		NA		NA		NA		NA	
HA-8	HA-8-2	08/14/12	2	NA	6.00	U	6.00	U	17.8	U	17.8	U	44.6	U

Notes:

1) mg/kg = milligrams per kilogram or parts per million

2) U = not detected at or above the method reporting limit (MRL) shown

3) NA = Not analyzed

4) J = estimated value due to holding time exceedance

5) Detected results shown in **bold**

6) ft bgs = feet below ground surface

7) ft amsl = feet above mean sea level, using an estimated surface elevation

8) Gasoline Range Organics (GRO) analysis by Ecology Method NWTPH-Gx

9) Diesel Range Organics (DRO) and Heavy Oil (HO) analysis by Ecology Method NWTPH-Dx with silica gel cleanup

Table 2Summary of Soil Analytical Results - Detected VOCsFormer Pace National Property500 7th Avenue South, Kirkland, WA

				Estimated	cis-1,2-dichloro-			Ethyl-		Iso-Propyl-	n-Propyl-	1,3,5-Trimethyl-	sec-Butyl-	4-Isopropyl	n-Butyl-	1,2,4-Trimethyl-	
		Sample	Depth	Elevation	ethene	Benzene	Toluene	benzene	Xylenes	benzene	benzene	benzene	benzene	toluene	benzene	benzene	Naphthalene
Boring ID	Sample ID	Date	(ft bgs)	(ft amsl)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
GP-1	GP-1-1	08/17/12	1	157	0.0220 U	0.0220 U	0.157	0.0329 U	0.0220 U	0.0878 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0329 U
	GP-1-7.5	08/17/12	7.5	150.5	NA	0.0275 U	0.0275 U	0.0413 U	0.0275 U	NA	NA	NA	NA	NA	NA	NA	NA
	GP-1-17.5	08/17/12	17.5	140.5	0.0200 U	0.0200 U	0.0200 U	0.0300 U	0.0200 U	0.0799 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0300 U
GP-2	GP-2-6.5	08/17/12	6.5	159.5	0.0232 U	0.0232 U	0.0232 U	0.0347 U	0.0232 U	0.0926 U	0.0232 U	0.0232 U	0.0232 U	0.0232 U	0.0232 U	0.0232 U	0.0347 U
	GP-2-14	08/17/12	14	152	0.0233 U	0.0233 U	0.0233 U	0.0349 U	0.0233 U	0.0930 U	0.0233 U	0.0233 U	0.0233 U	0.0233 U	0.0233 U	0.0233 U	0.0349 U
GP-3	GP-3-6.5	08/17/12	6.5	159.5	0.0188 U	0.0188 U	0.0188 U	0.0281 U	0.0188 U	0.0750 U	0.0188 U	0.0188 U	0.0188 U	0.0188 U	0.0188 U	0.0188 U	0.0281 U
	GP-3-19	08/17/12	19	147	0.0233 U	0.0233 U	0.0233 U	0.0349 U	0.0233 U	0.0931 U	0.0233 U	0.0233 U	0.0233 U	0.0233 U	0.0233 U	0.0233 U	0.0349 U
GP-4	GP-4-8	08/14/12	8	150	0.0203 U	0.0203 U	0.0203 U	0.0304 U	0.0203 U	0.0810 U	0.0203 U	0.0203 U	0.0203 U	0.0203 U	0.0203 U	0.0203 U	0.0304 U
	GP-4-18	08/14/12	18	140	0.0263 U	0.0263 U	0.0263 U	0.0395 U	0.0263 U	0.105 U	0.0263 U	0.0263 U	0.0263 U	0.0263 U	0.0263 U	0.0263 U	0.0395 U
GP-5	GP-5-7	08/17/12	7	158	0.0175 U	0.0175 U	0.0175 U	0.0263 U	0.0701 U	0.0175 U	0.0175 U	0.0175 U	0.0175 U	0.0175 U	0.0175 U	0.0175 U	0.0263 U
~~ -	GP-5-18	08/17/12	18	147	0.0374 U	0.0374 U	0.0374 U	0.0560 U	0.0374 U	0.149 U	0.0374 U	0.0374 U	0.0374 U	0.0374 U	0.0374 U	0.0374 U	0.0560 U
GP-7	GP-7-3	08/13/12	3	162	0.0213 U	0.0213 U	0.0213 U	0.0319 U	0.0213 U	0.0851 U	0.0213 U	0.0213 U	0.0213 U	0.0213 U	0.0213 U	0.0213 U	0.0319 U
-	GP-7-12.5	08/13/12	12.5	152.5	0.0290 U	0.0290 U	0.0290 U	0.0435 U	0.0290 U	0.116 U	0.0290 U	0.0290 U	0.0290 U	0.0290 U	0.0290 U	0.0290 U	0.0435 U
	GP-7-22.5	08/13/12	22.5	142.5	0.0283 U	0.0283 U	0.0283 U	0.0425 U	0.0283 U	0.113 U	0.0283 U	0.0283 U	0.0283 U	0.0283 U	0.0283 U	0.0283 U	0.0425 U
GP-8	GP-8-7	08/17/12	10	162	0.0200 U	0.0200 U	0.0200 U	0.0300 U	0.0200 U	0.0801 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0300 U
-	GP-8-10	08/17/12	10	159	0.0251	0.0223 U	0.0223 U	0.0335 U	0.0223 U	0.0893 U	0.0223 U	0.0223 U	0.0223 U	0.0223 U	0.0223 U	0.0223 U	0.0335 U
-	GP-8-15	08/17/12	15	154	0.0204 U	0.0204 U	0.0204 U	0.0306 U	0.0204 U	0.0816 U	0.0204 U	0.0204 U	0.0204 U	0.0204 U	0.0204 U	0.0204 U	0.0306 U
CDO	GP-8-24	08/1//12	24	145	0.01/5 U	0.0175 U	0.0175 U	0.0263 U	0.01/5 U	0.0701 U	0.01/5 U	0.0175 U	0.01/5 U	0.01/5 U	0.01/5 U	0.0175 U	0.0263 U
GP-9	GP-9-4.3 CP 0 12	08/13/12	4.5	104.3	0.0232 U 0.0212 U	0.0232 U	0.0232 U	$\frac{0.0378}{0.0318}$ U	0.0232 U	0.101 U	0.0232 U	0.0232 U	0.0232 U	0.0232 U	0.0232 U	0.0232 U	0.0378 U
-	GP-9-13	08/15/12	15	130	0.0212 U	0.0212 U	0.0212 U	$\frac{0.0318}{0.0320}$ U	0.0212 U	0.0848 U	0.0212 U	0.0212 U	0.0212 U	0.0212 U	0.0212 U	0.0212 U	0.0318 U
GP 10	GP 10 2 5	08/13/12	24	143	0.0220 U 0.0193 U	0.0220 U	0.0220 U	0.0339 U	0.0220 U	0.0304 0	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0339 U
01-10	GP 10 14 5	08/17/12	14.5	154.5	0.0193 U	0.0193 U	0.0193 U	0.0269 U	0.0193 U	2 28	654	0.0175 U	0.0195 U	3.52	5.47	0.0193 U	0.0269 U
-	GP-10-14.5	08/17/12	22	147	0.0177 U	0.0177 U	0.0177 U	0.0200 U 0.0274 U	0.0177 U	0.0732	0.0183 U	0.0177 U	0.0183 U	0.0183 U	0.0183 U	0.0177 U	0.0200 U
GP-12	GP-12-3	08/15/12	3	162	0.0253 U	0.0103 U	0.0103 U	0.0274 U	0.0253 U	0.0732	0.0253 U	0.0253 U	0.0253 U	0.0103 U	0.0253 U	0.0253 U	0.0274 U
01 12	GP-12-11.5	08/15/12	11.5	153.5	0.0190 U	0.0190 U	0.0190 U	0.0285 U	0.0190 U	0.0759	0.0190 U	0.0190 U	0.0190 U	0.0190 U	0.0190 U	0.0190 U	0.0285 U
-	GP-12-20	08/15/12	20	145	0.0193 U	0.0193 U	0.0193 U	0.0290 U	0.0193 U	0.0772	0.0193 U	0.0193 U	0.0193 U	0.0193 U	0.0193 U	0.0193 U	0.0290 U
GP-13	GP-13-6	08/14/12	6	152	0.0269 U	0.0269 U	0.0801	0.402	2.29	0.517	0.886	1.69	0.884	1.50	1.85	5.79	11.5
	GP-13-9.5	08/14/12	9.5	148.5	0.0172 U	0.0172 U	0.0172 U	0.0257 U	0.0172 U	0.0257 U	0.0172 U	0.0172 U	0.0172 U	0.0172 U	0.0172 U	0.0172 U	0.0257 U
	GP-13-12	08/14/12	12	146	0.0256 U	0.0256 U	0.0256 U	0.0385 U	0.0256 U	0.0385 U	0.0256 U	0.0256 U	0.0256 U	0.0256 U	0.0256 U	0.0256 U	0.0385 U
-	GP-13-23	08/14/12	23	135	0.0266 U	0.0266 U	0.0266 U	0.0399 U	0.0266 U	0.0399 U	0.0266 U	0.0266 U	0.0266 U	0.0266 U	0.0266 U	0.0266 U	0.0399 U
GP-14	GP-14-3	08/17/12	3	153	0.0203 U	0.0203 U	0.0203 U	0.0305 U	0.0203 U	0.0814 U	0.0203 U	0.0203 U	0.0203 U	0.0203 U	0.0203 U	0.0203 U	0.0305 U
	GP-14-12.5	08/17/12	12.5	143.5	0.0231 U	0.0231 U	0.0231 U	0.0346 U	0.0231 U	0.0923 U	0.0231 U	0.0231 U	0.0231 U	0.0231 U	0.0231 U	0.0231 U	0.0346 U
GP-15	GP-15-3	08/13/12	3	153	0.0225 U	0.0225 U	0.0225 U	0.0338 U	0.0225 U	0.0900 U	0.0225 U	0.0225 U	0.0225 U	0.0225 U	0.0225 U	0.0225 U	0.0338 U
_	GP-15-11	08/13/12	11	145	0.0229 U	0.0229 U	0.0229 U	0.0343 U	0.0229 U	0.0915 U	0.0229 U	0.0229 U	0.0229 U	0.0229 U	0.0229 U	0.0229 U	0.0343 U
	GP-15-23	08/13/12	23	133	0.0246 U	0.0246 U	0.0246 U	0.0369 U	0.0246 U	0.0983 U	0.0246 U	0.0246 U	0.0246 U	0.0246 U	0.0246 U	0.0246 U	0.0369 U
GP-16	GP-16-6	08/13/12	3	157	0.0248 U	0.0248 U	0.0248 U	0.0372 U	0.0248 U	0.0991 U	0.0248 U	0.0248 U	0.0248 U	0.0248 U	0.0248 U	0.0248 U	0.0372 U
	GP-16-8.5	08/13/12	8.5	151.5	0.0238 U	0.0238 U	0.0238 U	0.0357 U	0.0238 U	0.0951 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0357 U
	GP-16-19	08/13/12	19	141	0.0266 U	0.0266 U	0.0266 U	0.0399 U	0.0266 U	0.106 U	0.0266 U	0.0266 U	0.0266 U	0.0266 U	0.0266 U	0.0266 U	0.0399 U
GP-17	GP-17-6.5	08/13/12	6.5	153.5	0.0245 U	0.0245 U	0.0245 U	0.0368 U	0.0245 U	0.0982 U	0.0245 U	0.0245 U	0.0245 U	0.0245 U	0.0245 U	0.0245 U	0.0368 U
	GP-17-19	08/13/12	19	141	0.0317 U	0.0317 U	0.0317 U	0.0475 U	0.0317 U	0.127 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0475 U
┣────┤	GP-17-28	08/13/12	28	132	0.0271 U	0.0271 U	0.0271 U	0.0406 U	0.0271 U	0.108 U	0.0271 U	0.0271 U	0.0271 U	0.0271 U	0.0271 U	0.0271 Ú	0.0406 U
GP-18	GP-18-6	08/13/12	6	152	0.0237 U	0.0237 U	0.137	0.0355 U	0.163	0.0948 U	0.0237 U	0.0237 U	0.0237 U	0.0622	0.0237 U	0.0652	0.0871
	GP-18-12	08/13/12	12	146	0.0221 U	0.0426	0.167	0.0332 U	0.162	0.0886 U	0.0221 U	0.0221 U	0.0221 U	0.131	0.0221 U	0.0731	0.0936
	GP-18-18	08/13/12	18	140	0.0199 U	0.0199 U	0.0199 U	0.0299 U	0.0199 U	0.0798 U	0.0199 U	0.0199 U	0.0199 U	0.0199 U	0.0199 U	0.0199 U	0.0299 U
	GP-18-27	08/13/12	27	131	0.0207 U	0.0207 U	0.0207 U	0.0310 U	0.0207 U	0.0826 U	0.0207 U	0.0207 U	0.0207 U	0.0207 U	0.0207 U	0.0207 U	0.0310 U

Table 2Summary of Soil Analytical Results - Detected VOCsFormer Pace National Property500 7th Avenue South, Kirkland, WA

				Estimated	cis-1,2-dich	loro-				Ethyl-				Iso-Prop	yl-	n-Propy	1-	1,3,5-Trimet	hyl-	sec-Butyl	1-	4-Isopro	pyl	n-Buty	1-	1,2,4-Trime	ethyl-	·	
		Sample	Depth	Elevation	ethene		Benzer	ne	Toluene	benzen	e	Xylen	es	benzen	e	benzene	e	benzene		benzene		toluen	e	benzer	ie	benzen	e	Naphtha	alene
Boring ID	Sample ID	Date	(ft bgs)	(ft amsl)	(mg/kg)	(mg/kg	g)	(mg/kg)	(mg/kg)	(mg/k	g)	(mg/kg	g)	(mg/kg)	(mg/kg)		(mg/kg))	(mg/kg	g)	(mg/kg	g)	(mg/kg	;)	(mg/k	(g)
GP-19	GP-19-1.5	08/15/12	1.5	163.5	0.0297	U	0.0297	U	0.0297 U	0.0446	U	0.0297	U	0.119	U	0.0297	U	0.0297	U	0.0297	U	0.0297	U	0.0297	U	0.0297	U	0.0446	U
	GP-19-9	08/15/12	9	156	0.0183	U	0.0183	U	0.0183 U	0.0275	U	0.0183	U	0.0733	U	0.0183	U	0.0183	U	0.0183	U	0.0183	U	0.0183	U	0.0183	U	0.0275	U
	GP-19-20.5	08/15/12	20.5	144.5	0.0221	U	0.0221	U	0.0221 U	0.0332	U	0.0221	U	0.0884	U	0.0221	U	0.0221	U	0.0221	U	0.0221	U	0.0221	U	0.0221	U	0.0332	U
GP-20	GP-20-11.5	08/15/12	11.5	152.5	0.0231	U	0.0231	U	0.0231 U	0.0346	U	0.0231	U	0.0923	U	0.0231	U	0.0231	U	0.0231	U	0.0231	U	0.0231	U	0.0231	U	0.0346	U
	GP-20-23	08/15/12	23	141	0.0242	U	0.0242	U	0.0242 U	0.0363	U	0.0242	U	0.0968	U	0.0242	U	0.0242	U	0.0242	U	0.0242	U	0.0242	U	0.0242	U	0.0363	U
GP-23	GP-23-7.5	08/15/12	7.5	157.5	0.0233	U	0.0233	U	0.0233 U	0.0349	U	0.0233	U	0.0932	U	0.0233	U	0.0233	U	0.0233	U	0.0233	U	0.0233	U	0.0233	U	0.0349	U
	GP-23-16	08/15/12	16	149	0.0215	U	0.0215	U	0.0215 U	0.0323	U	0.0215	U	0.0861	U	0.0215	U	0.0215	U	0.0215	U	0.0215	U	0.0215	U	0.0215	U	0.0323	U
GP-24	GP-24-0.5	08/14/12	0.5	157.5	0.0237	U	0.0237	U	0.0237 U	0.0355	U	0.0237	U	0.0355	U	0.0237	U	0.0237	U	0.0237	U	0.0237	U	0.0237	U	0.0237	U	0.0355	U
	GP-24-5.5	08/14/12	5.5	152.5	NA		NA		NA	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	GP-24-11	08/14/12	11	147	0.0300	U	0.0300	U	0.0300 U	0.0450	U	0.0300	U	0.0450	U	0.0300	U	0.0300	U	0.0300	U	0.0300	U	0.0300	U	0.0300	U	0.0450	U
GP-25	GP-25-3	08/14/12	3	155	0.0233	U	0.0233	U	0.0233 U	0.0349	U	0.0233	U	0.0930	U	0.0233	U	0.0233	U	0.0233	U	0.0233	U	0.0233	U	0.0233	U	0.0349	U
	GP-25-12.5	08/14/12	12.5	145.5	0.0299	U	0.0299	U	0.0299 U	0.0448	U	0.0299	U	0.120	U	0.0299	U	0.0299	U	0.0299	U	0.0299	U	0.0299	U	0.0299	U	0.0448	U
HA-5	HA-5-2	08/14/12	2	NA	0.0192	U	0.0192	U	0.0192 U	0.0288	U	0.0192	U	0.0767	U	0.0192	U	0.0192	U	0.0192	U	0.0192	U	0.0192	U	0.0192	U	0.0288	U
HA-6	HA-6-2	08/14/12	2	NA	0.0248	U	0.0248	U	0.0248 U	0.0372	U	0.0248	U	0.0993	U	0.0248	U	0.0248	U	0.0248	U	0.0248	U	0.0248	U	0.0248	U	0.0372	U
HA-7	HA-7-2	08/14/12	2	NA	0.0190	U	0.0190	U	0.0190 U	0.0285	U	0.0190		0.0285	U	0.0190	U	0.0190	U	0.0190	U	0.0190	U	0.0190	U	0.0190	U	0.0285	U
	HA-7-6	08/14/12	6	NA	NA		0.0188	U	0.0188 U	0.0282	U	0.0188	U	NA		NA		NA		NA		NA		NA		NA		NA	
HA-8	HA-8-2	08/14/12	2	NA	0.0240	U	0.0240	U	0.0240 U	0.0360	U	0.0240	U	0.0960	U	0.0240	U	0.0240	U	0.0240	U	0.0240	U	0.0240	U	0.0240	U	0.0360	U

Notes:

1) mg/kg = milligrams per kilogram or parts per million

2) U = not detected at or above the method reporting limit shown.

3) NA = Not analyzed

4) Detected results shown in **bold**

5) ft bgs = feet below ground surface.

6) ft amsl = feet above mean sea level, using an estimated surface elevation

7) Volatile Organic Compound (VOC) analysis by EPA Method 8260B.

8) Detected VOCs are summarized in this table; see laboratory analytical reports for entire VOC analytical results

Table 3Summary of Soil Analytical Results - Organochlorine PesticidesFormer Pace National Property500 7th Avenue South, Kirkland, WA

				Estimated									
		Sample	Depth	Elevation	alpha-chlord	lane	gamma-chlor	dane					
Boring ID	Sample ID	Date	(ft bgs)	(ft amsl)	(mg/kg)		(mg/kg)						
GP-19	GP-19-1.5	08/15/12	1.5	163.5	0.0164		0.0242						
	GP-19-9 08/15/12 9 156 0.00933 U 0.00933 U												
Notes: 1) mg/kg = 2) U = not of 3) Detected 4) ft bgs = f 5) ft amsl = 6) Organoci 7) Detected see the la	milligrams per kilog detected at or above t results shown in bol feet below ground sur feet above mean sea hlorine pesticide anal organochlorine pesti aboratory analytical r	ram or parts per r he method report d face level, using an e ysis by USEPA I cide results are s eport for the entin	nillion ing limit (M stimated surf Method 8081 ummarized i re analytical	RL) shown face elevation l. n this table; results									



LOG OF GEOPROBE BORING: GP-1

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
- - - -	GP-1-1	0.0 0.0 0.0 0.0		48	0		ASPHALT
	GP-1-7.5	0.0 0.0 0.0 0.0		60	5-		 @ 6 feet: wet, 6-inch interbed of abundant organic material BLUISH GRAY SILT WITH SAND (ML), moist, firm, little fine to coarse sand, low to medium plasticity
Bentonite	GP-1-12.5	0.0 0.0 0.0 0.0		60	10		@ 9.5 feet: tan and bluish gray
	GP-1-17.5	0.0 0.0 0.0 0.0 0.0 0.0		60	15		
	GP-1-24	0.0 0.0 0.0 0.0 0.0		60	- 25 -		
-					30 -	-	Bottom of boring @ 25 feet.
-					35	-	
					40	-	
Project: Former Pa Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth:25 feetDiameter of Boring:2 inchesDate Drilled:8/17/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-2

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
Completion Details	ID GP-2-2 GP-2-6.5 GP-2-11 GP-2-14	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Samp	8 60 60 60			Lithologic Description Asphalt Surface BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few @ 1.2 feet: 4-inch interbed of organic material BLUISH GRAY SILT WITH SAND (ML), moist, firm, little fine to coarse sand, few organics, low to medium plasticity @ 3.5 feet: 4-inch interbed of organic material, piece of plastic sheet in organic material GRAY SILTY SAND (SM), wet, fine, some fines BLUISH GRAY SILT WITH SAND (ML), moist, firm, little fine to coarse sand, low to medium plasticity @ 7.5 feet: tan and bluish gray GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity @ 10.2 feet: 8-inch interbed of silty sand Bottom of boring @ 15 feet.
Project: Former Pa Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth: 15 feet Diameter of Boring: 2 inches Date Drilled: 8/17/12 Drilled By: Cascade Drilling Drill Method: Geoprobe 6600



LOG OF GEOPROBE BORING: GP-3

[-		-	-	-	
Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
		0.0			0		
	GP-3-2	0.0 0.0		60			BLUISH GRAY SILT WITH SAND (ML), moist, firm, little fine to coarse sand, few organics, low to medium plasticity
	GP-3-6.5	0.0 0.0 0.0 0.0		60	5		TANISH GRAY SILTY SAND (SM), moist, dense, fine, some fines
		0.0		7	- 10 -		TAN AND GRAY SILT (ML), moist, firm, few fine sand, medium plasticity @ 9.2 feet: bluish gray @ 10 feet: gray, dry, hard, trace fine sand
- - - Bentonite	GP-3-13	0.0 0.0 0.0		60	- - - 15		_
	GP-3-19	0.0 0.0 0.0 0.0		60	- - -		INTERBEDDED GRAY SILT (ML), moist, hard, trace fine sand, high plasticity AND
	GP-3-22.5	0.0 0.0 0.0 0.0		60	20		
		0.0 0.0 0.0 0.0	A V	7	- 25 -	-	GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
	GP-3-29	0.0 0.0 0.0		60	- - 30	-	
-					- - -	-	Bottom of boring @ 30 feet.
-					35 — -	-	-
 					40		
Project: Former Pa Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth:30 feetDiameter of Boring:2 inchesDate Drilled:8/17/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-4

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
- - - -	GP-4-3	0.0 0.0 0.0 0.0		60	0 -		ASPHALT, BROKEN ROCK GRAY SILT WITH SAND (ML), moist, hard, little fine to coarse sand, trace fine gravel @ 4 feet: 3-inch interbed of dark brown organic material
	GP-4-8	0.0 0.0 0.0 0.0 0.0		60	5		 BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to coarse, little lines @ 5 feet: wet, gray, dense, some fines @ 7.5 feet: tanish gray, fine to medium, trace coarse sand, trace fine gravel
- - - Bentonite	GP-4-13	0.0 0.0 0.0 0.0 0.0		60			BLUISH GRAY SILT (ML), moist, very hard, trace fine sand, high plasticity
	GP-4-18	0.0 0.0 0.0 0.0 0.0		60			INTERBEDDED GRAY SILT (ML), moist, hard, trace fine sand, high plasticity AND GRAY SILTY SAND (SM), moist, dense, fine, some fines - -
	GP-4-23	0.0 0.0 0.0 0.0 0.0		60			GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity @ 24 feet: 4-inch interbed of gray silty sand
-	GP-4-27	0.0 0.0 0.0		36	-	-	-
- - - -					- 30 — - -	-	Bottom of boring @ 28 feet.
- - - -					35	-	
Project: Former P Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot	ace National .01 Washington acetate liners	<u> </u>	<u> </u>	<u> </u>	<u> 40 _</u>		Total Boring Depth: 28 feet Diameter of Boring: 2 inches Date Drilled: 8/14/12 Drilled By: Cascade Drilling Drill Method: Geoprobe 6600



LOG OF GEOPROBE BORING: GP-5

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-5-3.5	0.0 0.0 0.0		54	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel @ 3.5 to 4 feet: grades to sand GRAYISH BROWN SAND (SP), moist, loose, fine to medium, few fines
- Bentonite	GP-5-7	0.0 0.0 0.0 0.0 0.0		60	- - - -		 @ 5 feet: 3-inch interbed of organic material TANISH GRAY SILT (ML), moist, firm, little fine to coarse sand @ 7.5 feet: few fine sand @ 8.5 feet: bluish gray
	GP-5-13	0.0 0.0 0.0 0.0 0.0		60			@ 10 to 16 feet: gray, very hard, high placticity, occasional interbeds of silty sand and thin discontiuous lenses of sand with silt
	GP-5-18	0.0 0.0 0.0 0.0 0.0		60			GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
-						-	Bottom of boring @ 20 feet.
-						-	
-						-	
-					40	-	
Project: Former Pa Project Number: 1006.008.0 Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ace National 01 Vashington acetate liners						Total Boring Depth: 20 feet Diameter of Boring: 2 inches Date Drilled: 8/17/12 Drilled By: Cascade Drilling Drill Method: Geoprobe 6600



LOG OF GEOPROBE BORING: GP-7

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-7-3	0.0		60	0		ASPHALT, BROKEN ROCK BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel @ 3 feet: dark gray, fine to coarse, some fines
	GP-7-7	0.0 0.0 1.0 0.0		60	5		GRAYISH BROWN SAND WITH SILT (SP), wet, loose, fine to medium, few fines
	GP-7-12.5	0.0 0.0 0.0 0.0		60	- 10 — -		GRAY SANDY SILT (ML), wet, firm, some fine to coarse sand, low plasticity GRAYISH BROWN SAND WITH SILT (SP), moist, loose, fine to medium, few fines
		0.0 0.0 0.0 0.0			- - 15 -		@ 12.5 feet: gray
- Bentonite	GP-7-17.5	0.0 0.0 0.0 0.0		60	- - 20		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
	GP-7-22.5	0.0 0.0 0.0 0.0		60	-		
- - -	GP-7-27.5	0.0 0.0 0.0 0.0		60	- 25		
	GP-7-34	0.0 0.0 0.0 0.0 0.0	V	60	30		
////////////////////////////////		0.0			35		Bottom of boring @ 35 feet.
Project: Former Pa Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	I ace National 01 Washington acetate liners		<u> </u>	<u> </u>	<u> 40</u>	<u> </u>	Total Boring Depth:35 feetDiameter of Boring:2 inchesDate Drilled:8/13/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-8

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-8-2	0.0 0.0 0.0 0.0 0.0		60	0 - - - 5-		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
	GP-8-7	0.0 0.0 0.0		60	-		GRAYISH BROWN SAND (SP), moist, loose, fine to medium, few fines BROWN SILTY SAND (SM), wet, dense, fine, some fines, trace fine gravel
	GP-8-10	0.0			- 10 —		TAN AND GRAY SILT (ML), moist, firm, few fine sand, medium plasticity –
Bentonite	GP-8-15 GP-8-24	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		60 60 60	15		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
 					25 — - -		Bottom of boring @ 25 feet (refusal).
- - - - - - - - - -					30 - - - - - - - - - - - - - - - - - -		-
Project: Former P Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot	ace National 01 Washington acetate liners						Total Boring Depth:25 feetDiameter of Boring:2 inchesDate Drilled:8/17/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-9

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
- - - -	GP-9-4.5	0.0 0.0 0.0 0.0		54	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
	GP-9-9	0.0 0.0 0.0		60	5-		@ 6 feet: 2-inch interbed of organic material BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
- Bentonite	GP-9-13	0.0 0.0 0.0 0.0		60	10 —	-	TAN AND GRAY SILT (ML), moist, firm, few fine sand, medium plasticity INTERBEDDED GRAY SILT (ML), moist, hard, trace fine sand, high plasticity AND GRAY SILTY SAND (SM), moist, dense, fine, some fines
	GP-9-17	0.0 0.0 0.0 0.1			- 15		-
		0.1 0.0 0.0 0.0		60	20		GRAY ELASTIC SILT (MH) moist very hard trace fine sand high plasticity
	GP-9-24	0.0 0.0 0.0 0.0		60			
-					25 -	-	Bottom of boring @ 25 feet.
- - -					30 —	-	- - -
-					35	-	-
- - -					40	-	
Project: Former Pa Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth:25 feetDiameter of Boring:2 inchesDate Drilled:8/15/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-10

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-10-2.5	0.0 0.0 0.0		54	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
		0.0 0.0 0.0 0.0 0.0		48	5-		
		0.3 0.6 10.1		60	10 —		@ 10. 3 feet: 4-inch interbed of organic material
Bentonite	GP-10-14.5	62.1 65.1 32.1 15.1	A V		15		GRAY SAND WITH SILT (SP), wet, dense, fine to medium, strong hydrocarbon odor GRAY SILT (ML), moist, hard, high plasticity, occasional interbeds of silty sand and thin discontiuous lenses of sand with silt
	GP-10-18 GP-10-22	6.2 0.4 0.3 1.3 1.2		60	20	-	-
	GP-10-25	0.3 0.5 0.0		60	25 -		-
	GP-10-29	0.0 0.0 0.0 0.0		60	30		
-					. . .	-	Bottom of boring @ 30 feet.
-					35 -	-	
Project: Former P. Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot	ace National 01 Washington acetate liners	<u> </u>	<u> </u>	1	<u></u>	<u> </u>	Total Boring Depth: 30 feet Diameter of Boring: 2 inches Date Drilled: 8/17/12 Drilled By: Cascade Drilling Drill Method: Geoprobe 6600



LOG OF GEOPROBE BORING: GP-12

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-12-3	0.0 0.0 0.0		42	0		GRAY SAND WITH SILT AND GRAVEL (SW), dry, loose, fine to coarse, few fines, little fine gravel
	GP-12-7	0.0 1.2		30	5		@ 5 to 7.5 feet: some gravel
- Bentonite	GP-12-11.5	0.0 0.0 0.0 0.0	V	48	- 10 — - -		 @ 9 feet: medium to coarse sand, few fine to coarse gravel
	GP-12-14 GP-12-20	0.0		0	15 — - - 20 —		
	GP-12-27	0.0 0.0 0.0 0.0 0.0		60 36	- - 25 - -		@ 26 feet: 12-inch interbed of silty sand
-					- 30 — - - -		Bottom of boring @ 28 feet.
					35 — - - 40	-	
Project: Former P. Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot	ace National 01 Washington acetate liners						Total Boring Depth:28 feetDiameter of Boring:2 inchesDate Drilled:8/15/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-13

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-13-3	0.6 0.6		30	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
	GP-13-6	0.6 24.3 63.7 22.8 17.9		60	5		 GRAY SANDY SILT (ML), moist, firm, some fine to coarse sand, trace fine gravel, few organics @ 5 feet: 6-inch interbed of black organic material, strong chemical odor, wet @ 7 feet: bluish gray, very hard, little fine to coarse sand, trace fine gravel
	GP-13-9.5 GP-13-12	2.8 0.7 38.3 51.7			- 10 — -		@ 10 feet: grayish brown, soft, some fine to coarse sand
- Bentonite	CP 13 15	3.6 2.3 1.9		60	- - 15 —		GRAY SILT WITH SAND (ML), dry, hard, little fine to coarse sand
	GP-13-18	0.6 1.0 0.5		60			@ 15 feet: trace fine sand
	GP-13-23	0.5 0.1 0.1 0.0	V	60	20 —		@ 21 feet: 6-inch interbed of fine to coarse sand
		0.0 0.0 0.0 0.0	A V	36	- 25 — -		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
	GP-13-27.5	0.0			- - 30 —		Bottom of boring @ 28 feet.
-						-	- - -
- - -					35 —	-	
-					40	-	
Project: Former Pa Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth:28 feetDiameter of Boring:2 inchesDate Drilled:8/14/12Drilled By:Cascade DrillingDrill Method:Geoprobe Limited Access



LOG OF GEOPROBE BORING: GP-14

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-14-3	0.0 0.0 0.0 0.0		48	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel @ 3 feet: 8-inch interbed of soft silt
- Bentonite	GP-14-8	0.0 0.0 0.0 0.0 0.0		60	5		@ 5 feet: wet DARK BROWN ORGANIC MATERIAL BLUISH GRAY SILT (ML), moist, firm, few to little fine to medium sand, few organics, low to medium plasticity
	GP-14-12.5	0.0 0.0 0.0 0.0 0.0		60			@ 10 feet: tan and bluish gray
	GP-14-19	0.0 0.0 0.0 0.0 0.0		60	- - - 20		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity - - -
-					- - - 25	-	Bottom of boring @ 20 feet.
-					- - - 30 —	-	- - - -
-					- - - 35 —	-	- - - -
- - -					40	-	
Project: Former Pa Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth:20 feetDiameter of Boring:2 inchesDate Drilled:8/17/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-15

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
-	GP-15-3		V	24	0		ASPHALT AND BROKEN ROCK BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
		0.7 0.6 0.8 0.1			5		@ 5 feet: brown, abundant organics
	GP-15-7.5	1.2 0.9		60	-	- <u></u>	GRAYISH BROWN SAND WITH SILT (SP), moist, loose, fine to medium, few
	GP-15-11	0.0 1.2 0.7	V		10	-	@ 10 feet: gray
- Bentonite		0.7 0.6 0.6		60	-		@ 13.5 feet: wet @ 15 to 16 feet: brown, iron oxide staining
		0.3 0.4 0.4	V	60			GRAY SILT (ML), moist, very hard, few fine sand, low plasticity
-	GP-15-19	0.7 0.5 0.4			_ 20 —		DARK GRAY SAND WITH SILT (SP), wet, dense, fine, few fines
	GP-15-23	0.3 0.4 0.4		60	-	-	-
	GP-15-26	0.4		12	25 —		BROWN SILT (ML), moist, very hard, few fine sand, low plasticity @ 25 feet: gray
-					- - -	-	Bottom of boring @ 26 feet.
-					30 —	-	
-					-	-	-
-					35	-	
-					40	-	
Project: Former Pa Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth:26 feetDiameter of Boring:2 inchesDate Drilled:8/13/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-16

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
- - - -	GP-16-3	0.6		24	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
	GP-16-8.5	0.0 0.0 0.0		60	5		GRAYISH BROWN SAND WITH SILT (SP), moist, loose, fine to medium, few fines TANISH GRAY SANDY SILT (ML), moist, very hard, some fine to medium sand, iron oxide staining throughout
Bentonite	GP-16-12.5	0.1 0.0 0.0		60	10 — - -		@ 12.5 feet: bluish gray
	GP-16-15	0.0 0.0 0.0	V	60	- 15 — - -		O 17.5 foot: trace fine sand medium plasticity
-	GP-16-19	0.0			- 20 — -		Bottom of boring @ 20 feet (refusal).
-					- 25 — -	-	
-					- - 30 — -	-	
- - - -					- - 35 —	-	
- - -					- - 40	-	
Project: Former Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners						Total Boring Depth:20 feetDiameter of Boring:2 inchesDate Drilled:8/13/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-17

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-17-3	0.3 0.2 0.4 0.6		24	0 		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to coarse, little fines, trace fine gravel @ 4.5 feet: wet GRAYISH BROWN SAND WITH SILT (SP), wet, loose, fine to medium, few fines
	GP-17-6.5	0.4 0.5 0.5 0.3 0.1 0.1		60	- - - 10 - -		
Bentonite	GP-17-14.5	0.0 0.2 0.3 0.2 0.1 0.2 0.3		60	- - - - - -		BROWNISH TAN SILT (ML), moist, very hard, few to little fine sand, medium plasticity BLUISH GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
	GP-17-19 GP-17-23	0.2 0.2 0.2 0.1 0.3 0.1		60	20		-
	GP-17-28	0.2 0.2 0.1 0.2		60	25		
-					- - 35 — -		
Project: Former Pa Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners				40	-	Total Boring Depth: 30 feet Diameter of Boring: 2 inches Date Drilled: 8/13/12 Drilled By: Cascade Drilling Drill Method: Geoprobe 6600



LOG OF GEOPROBE BORING: GP-18

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-18-3	0.2 0.6 3.2 0.3 0.2		30	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to coarse, little fines, few fine gravel @ 1.5 feet: moist @ 4 feet: gray, dense, some fines, trace fine gravel, trace organic material
	GP-18-6	0.3 0.2		60	5-		@ 8 feet: few fine to coarse gravel
	GP-18-12	1.8 0.5 0.3 0.1		60	10		@ 11 feet: dark brown GRAYISH BROWN SAND WITH SILT (SP), wet, loose, fine to medium, few fines
- Bentonite	GP-18-18	0.2 0.1 0.0 0.0	V	60	15		GRAY SILTY SAND (SM), wet, dense, fine to medium, little fines
	CD 19 22	0.0 0.1 0.0 0.1		60	20		TAN SILT (ML), moist, hard, few fine sand, low plasticity BLUISH GRAY SAND WITH SILT (SP), wet, dense, fine, few fines, iron oxide staining
	GP-18-27	0.2 0.2 0.1 0.1		36	25 -		BLUISH GRAY SILT (ML), miost, very hard, few fine sand, non plastic
		0.1			30		Bottom of boring @ 28 feet.
-					35	-	-
-					40	_	
Project: Former Pa Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot	ace National 01 Washington acetate liners						Total Boring Depth:28 feetDiameter of Boring:2 inchesDate Drilled:8/13/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-19

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-19-1.5	3.2 35.1 10.1 3.5		48	0 - - - 5-		LIGHT BROWN SAND WITH SILT (SP), dry, loose, fine to medium, few fines, few fine to coarse gravel, trace organics
	GP-19-9	3.6 4.7 8.5		42			BROWNISH GRAY SILTY SAND (SM), dry, dense, fine to medium, little fines, few fine gravel @ 9 feet: gray, moist
Bentonite	GP-19-12.5	0.0 0.0 0.1 0.0		60			 @ 10 feet: dark brown, mostly organic material @ 11 feet: gray, dense, fine to coarse, some fines BLUISH GRAY SILT (ML), moist, firm, few fine to coarse sand, trace fine gravel, low to medium plasticity
		0.0 0.0 0.0 0.0 0.0		0			
	GP-19-20 GP-19-24	0.0 0.0 0.0 0.0 0.0		60	20		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
					25 — - - -		Bottom of boring @ 25 feet (refusal).
					30	-	
					35	-	
Project: Former Pa Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ace National 01 Washington acetate liners			<u> </u>	40	<u> </u>	Total Boring Depth: 25 feet Diameter of Boring: 2 inches Date Drilled: 8/15/12 Drilled By: Cascade Drilling Drill Method: Geoprobe Limited Access


LOG OF GEOPROBE BORING: GP-20

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-20-3	0.0 0.0 0.0		42	0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
	GP-20-7	0.0 0.0		60	5		@ 4 feet: little fine to coarse gravel GRAY SILT WITH SAND (ML), moist, firm, little fine to coarse sand, trace fine
	GP-20-11.5	0.0 0.0 0.0 0.0	A V		- 10 — -		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
Bentonite		0.0 0.0 0.0 0.0		60	- - 15		- -
	GP-20-17	0.0 0.0 0.0 0.0		60	- - - 20 —		- - - -
	GP-20-23	0.0 0.0 0.0 0.0		60	-		- - - - -
	GP-20-27	0.0 0.0 0.0 0.0	X	24	25 — - -		Bottom of boring @ 27 feet (refusal).
-					- 30 — -	-	
- - -					- - 35 — -	-	- -
- - -					- - 40		
Project: Former P Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot	ace National .01 Washington acetate liners						Total Boring Depth:27 feetDiameter of Boring:2 inchesDate Drilled:8/15/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: GP-23

Completion Details	Soil Sample ID	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
	GP-23-3	0.0 0.0 0.0 0.0		54	0 - - -		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel @ 5 feet: 6-inch interbed of mostly organic material, dark brown
	GP-23-7.5	0.0 0.0 0.0 0.0 0.0		48	-		 @ 6 feet: brown, some fines, trace fine gravel @ 7 feet: gray
	GP-23-11	0.3 0.0 0.0 0.0 0.0		60			 @ 10 to 11 feet: 12-inch interbed of silty sand @ 11 feet: tan, little fine sand, trace organic material @ 12 feet: bluish gray
E Bentonite	GP-23-16	0.0 0.0 0.0 0.0 0.0 0.0		60	15 — - - 20 — -		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
	GP-23-23	0.0 0.0 0.0 0.0		60	- - 25 — -		- -
	GP-23-28	0.0		36	- - 30 — -		Bottom of boring @ 30 feet.
-					- - 35 —	-	- - - -
-					- - 40	-	- - - -
Project: Former Pac Project Number: 1006.008.07 Site Location: Kirkland, Wa Logged By: L. Doody Sample Method: Five foot ac	e National 1 ashington etate liners						Total Boring Depth:30 feetDiameter of Boring:2 inchesDate Drilled:8/15/12Drilled By:Cascade DrillingDrill Method:Geoprobe Limited Access



LOG OF GEOPROBE BORING: GP-24

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
-	GP-24-0.5	0.0 0.1			0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
		0.5		54			BROWN SILT WITH SAND (ML), wet, soft, little fine to medium sand, trace fine
- - -	GP-24-5.5	1.3 0.0 0.0 0.1		60	- - - -		GRAYISH BROWN SILTY SAND (SM), wet, dense, fine to coarse, some fines - - -
- Bentonite	GP-24-11	0.0 0.0 0.1 0.2 0.1	V	60	10 —	-	GRAY SILT WITH SAND (ML), wet, very hard, little fine to coarse sand, low plasticity
	GP-24-17	0.1 0.0 0.1 0.1	V	60	15		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity - -
	GP-24-23	0.0 0.0 0.0 0.0 0.0 0.0		60	20		- - - - -
-						-	Bottom of boring @ 25 feet
-					30 –	-	- - -
- - -					35		- - - - -
					40		
Project: Former Pa Project Number: 1006.008.0 Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ce National D1 Vashington cetate liners						Total Boring Depth:25 feetDiameter of Boring:2 inchesDate Drilled:8/14/12Drilled By:Cascade DrillingDrill Method:Geoprobe Limited Access



LOG OF GEOPROBE BORING: GP-25

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
- - - -	GP-25-3	0.0 0.0 0.0		54	0 - - -		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, few fine gravel
	GP-25-8	0.1 0.0 0.0 0.1 0.0		60			GRAYISH BROWN SILT (ML), moist, firm, few to little fine to medium sand, iron oxide staining throughout
- Bentonite	GP-25-12.5	0.0 0.0 0.1 0.1 0.0 0.0		60	- - - 15		GRAY ELASTIC SILT (MH), moist, very hard, trace fine sand, high plasticity
	GP-25-18	0.0 0.0 0.0 0.0 0.0		60			- - - -
	GP-25-24	0.0 0.0 0.0 0.0		60	- 25		
-					- - 30 —	-	Bottom of boring @ 25 feet.
-					- - 35	-	- - -
- - -					40	-	
Project: Former P Project Number: 1006.008 Site Location: Kirkland, Logged By: L. Doody Sample Method: Five foot	ace National .01 Washington acetate liners						Total Boring Depth:25 feetDiameter of Boring:2 inchesDate Drilled:8/14/12Drilled By:Cascade DrillingDrill Method:Geoprobe 6600



LOG OF GEOPROBE BORING: HA-5

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
		0.0			0		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little to some fines, trace fine gravel
-	HA-5-2	0.0			-		-
-		0.0		60	-	· · · · · · · · · · · · · · · · · · ·	-
-		0.0			-		_
- Bentonite	HA-5-6	0.0			5-		@ 5.5 feet: wet
-		0.0			-		-
		0.0		60	-		
-	HA-5-9	0.0			-	-	BLUISH GRAY SILT (ML), moist, firm, few fine sand, medium plasticity
		0.0			10 —		
_					-	_	Bottom of boring @ 10 feet.
-					-	_	_
-					-	-	-
_					- 15 -		
_					-	_	-
_					-	_	-
-					-	_	-
-					-		-
Project: Former Pa Project Number: 1006.008.0 Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ice National 01 Vashington icetate liners	I	I	1	<u> 20</u>	1	Total Boring Depth:10 feetDiameter of Boring:2 inchesDate Drilled:8/14/12Drilled By:Cascade DrillingDrill Method:Geoprobe Limited Access



LOG OF GEOPROBE BORING: HA-6

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
-	HA-6-2	0.0		60	-		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to medium, little fines, trace fine gravel
- Bentonite	HAGG	0.0			- 5-		 @ 3.5 feet: some fines, iron oxide staining throughout
	ПА-0-0	0.0		60	-		
	HA-6-9	0.1 0.0			- 10 —		BLUISH GRAY SILT (ML), moist, firm, few fine sand, medium plasticity
-					-	-	Bottom of boring @ 10 feet
-					- 15 —	-	-
-					-	-	- - -
Project: Former Pa	ace National				20		- Total Boring Depth: 10 feet
Project Number: 1006.008. Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	01 Washington acetate liners						Diameter of Boring: 2 inches Date Drilled: 8/14/12 Drilled By: Cascade Drilling Drill Method: Geoprobe Limited Access



LOG OF GEOPROBE BORING: HA-7

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
-	HA-7-2	0.0 0.0 0.0		60	0 -		BROWNISH GRAY SILTY SAND (SM), dry, loose, fine to coarse, some fines, trace fine gravel, few organic material @ 2.5 feet: 12-inch interbed of moist, bluish gray silt
- Bentonite	HA-7-6	0.0	l		- 5—		@ 4.2 feet: 10-inch interbed of sand with silt
-	HA-7-9	0.0		60	- - 10 —		BLUISH GRAY SILT (ML), moist, hard, trace fine sand, medium plasticity -
-					-	-	Bottom of boring @ 10 feet.
-					- 15 — -	-	
-					-	-	-
Project: Former Pa Project Number: 1006.008.0 Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	l ace National 01 Vashington acetate liners	I	<u> </u>	<u> </u>	20	I	Total Boring Depth: 10 feet Diameter of Boring: 2 inches Date Drilled: 8/14/12 Drilled By: Cascade Drilling Drill Method: Geoprobe Limited Access



LOG OF GEOPROBE BORING: HA-8

Completion Details	Soil Sample	PID (ppm)	Sample Interval	Recovery (Inches)	Depth (Feet)	Symbol	Lithologic Description
-	HA-8-2	0.0		60	0 -		BROWNISH GRAY SILTY SAND (SM), moist, loose, fine to coarse, some fines, trace fine gravel, few organic material
- Bentonite		0.0 0.0			- 5-		@ 4 to 5 feet: abundant organic material @ 5 feet: gray, wet
-	HA-8-6	0.1 0.0		60	-		-
-	HA-8-9	0.0			- 10 —		
-					-		Bottom of boring @ 10 feet.
-					- 15 —		-
-					-		-
-					20		-
Project: Former Pa Project Number: 1006.008.0 Site Location: Kirkland, V Logged By: L. Doody Sample Method: Five foot a	ice National 01 Vashington icetate liners						Total Boring Depth:10 feetDiameter of Boring:2 inchesDate Drilled:8/14/12Drilled By:Cascade DrillingDrill Method:Geoprobe Limited Access



1311 N. 35th St. Seattle, WA 98103 T: (206) 352-3790 F: (206) 352-7178 info@fremontanalytical.com

PES Environmental, Inc. Kelly Rankich 1215 Fourth Avenue, Suite 1350 Seattle, Washington 98161

RE: Former Pace Kirkland Lab ID: 1208075

September 11, 2012

Attention Kelly Rankich:

Fremont Analytical, Inc. received 23 sample(s) on 8/13/2012 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Gasoline by NWTPH-Gx Sample Moisture (Percent Moisture) Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

MGR

Michael Dee Sr. Chemist / Principal



CLIENT: Project: Lab Order:	PES Environmental, Inc. Former Pace Kirkland 1208075	Work Order Sample Summary						
Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received					
1208075-001	GP-18-3	08/13/2012 8:30 AM	08/13/2012 3:45 PM					
1208075-002	GP-18-6	08/13/2012 8:50 AM	08/13/2012 3:45 PM					
1208075-003	GP-18-12	08/13/2012 9:00 AM	08/13/2012 3:45 PM					
1208075-004	GP-18-18	08/13/2012 9:10 AM	08/13/2012 3:45 PM					
1208075-005	GP-18-23	08/13/2012 9:20 AM	08/13/2012 3:45 PM					
1208075-006	GP-18-27	08/13/2012 9:30 AM	08/13/2012 3:45 PM					
1208075-007	GP-15-3	08/13/2012 9:45 AM	08/13/2012 3:45 PM					
1208075-008	GP-15-7.5	08/13/2012 10:00 AM	08/13/2012 3:45 PM					
1208075-009	GP-15-11	08/13/2012 10:05 AM	08/13/2012 3:45 PM					
1208075-010	GP-15-19	08/13/2012 10:15 AM	08/13/2012 3:45 PM					
1208075-011	GP-15-23	08/13/2012 10:25 AM	08/13/2012 3:45 PM					
1208075-012	GP-15-26	08/13/2012 10:30 AM	08/13/2012 3:45 PM					
1208075-013	GP-17-3	08/13/2012 11:00 AM	08/13/2012 3:45 PM					
1208075-014	GP-17-6.5	08/13/2012 11:05 AM	08/13/2012 3:45 PM					
1208075-015	GP-17-14.5	08/13/2012 11:15 AM	08/13/2012 3:45 PM					
1208075-016	GP-17-19	08/13/2012 11:30 AM	08/13/2012 3:45 PM					
1208075-017	GP-17-23	08/13/2012 11:40 AM	08/13/2012 3:45 PM					
1208075-018	GP-17-28	08/13/2012 11:45 AM	08/13/2012 3:45 PM					
1208075-019	GP-16-3	08/13/2012 12:40 PM	08/13/2012 3:45 PM					
1208075-020	GP-16-8.5	08/13/2012 12:45 PM	08/13/2012 3:45 PM					
1208075-021	GP-16-12.5	08/13/2012 1:00 PM	08/13/2012 3:45 PM					
1208075-022	GP-16-15	08/13/2012 1:10 PM	08/13/2012 3:45 PM					
1208075-023	GP-16-19	08/13/2012 2:00 PM	08/13/2012 3:45 PM					



Case Narrative

WO#: **1208075** Date: **9/11/2012**

CLIENT:PES Environmental, Inc.Project:Former Pace Kirkland

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-002B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-004B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-006B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-007B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-009B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-011B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-014B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-016B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-018B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-019B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-020B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-023B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208075-003B) required Silica Gel Cleanup Procedure.

DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (C12-C24).



Case Narrative

WO#: **1208075** Date: **9/11/2012**

CLIENT:PES Environmental, Inc.Project:Former Pace Kirkland

GRO - Indicates the presence of unresolved compounds eluting from toluene to dodecane (~C7->C12).



WO#: **1208075** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: 1208075-002 Matrix: Soil Client Sample ID: GP-18-6 Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: SG Diesel (Fuel Oil) ND 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Surr: 2-Fluorobiphenyl 126 50:150 %REC 1 8/15/2012 6:56:00 PM Surr: 0-Terphenyl 136 50-150 %REC 1 8/15/2012 6:56:00 PM Gasoline By NWTPH-GX Batch ID: R532 Analyst: EM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1.2-Dichrorethane-d4 94.5 65:135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:0	Client: PES Environmental, Inc.				Collection	Date: 8	/13/2012 8:50:00 AM
Lab ID: 1208075-002 Matrix: Soil Client Sample ID: GP-18-6 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: SG Diesel (Fuel Oil) ND 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Surr: 2-Fluorobiphenyi 126 50-150 %KEC 1 8/15/2012 6:56:00 PM Surr: o-Terphenyi 136 50-150 %KEC 1 8/15/2012 6:56:00 PM Gasoline by NWTPH-Gx Batch ID: RS38 Analyst: EM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1.2-Dichtoredmane-d4 94.5 65-135 %KEC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %KEC 1 8/17/2012 1:59:00 PM Olchtorodifluoromethane (CFC-12) ND<	Project: Former Pace Kirkland						
Client Sample ID: GP-18-IS Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: SG Diesel (Fuel Oil) ND 25.4 mg/Kg-dry 1 8/15/2012 6.56:00 PM Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 8/15/2012 6.56:00 PM Meavy Oil 109 63.6 mg/Kg-dry 1 8/15/2012 6.56:00 PM Surr: 2-Fluorobiphenyl 126 50-150 %REC 1 8/15/2012 6.56:00 PM Surr: 0-Terphenyl 136 50-150 %REC 1 8/15/2012 6.56:00 PM Gasoline by NWTPH-Gx Batch ID: R538 Analyst: EM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1,2-Dichtoroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Choromethane (CFC-12) ND 0.0711<	Lab ID: 1208075-002				Matrix: Sc	bil	
Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: SG Diesel (Fuel Oil) ND 25.4 mg/Kg-dry 1 8/15/2012 6.56.00 PM Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 8/15/2012 6.56.00 PM Surr: 2-Fluorobiphenyl 126 50-150 %REC 1 8/15/2012 6.56.00 PM Surr: 0-Terphenyl 136 50-150 %REC 1 8/15/2012 6.56.00 PM Gasoline by NWTPH-Gx Batch ID: R5384 Analyst: EM Gasoline cance ND 5.92 mg/Kg-dry 1 8/17/2012 1.59:00 PM Surr: 12-Dichloroethane-d4 94.5 65:135 %REC 1 8/17/2012 1.59:00 PM Surr: Fluorobipzene 96.2 65:135 %REC 1 8/17/2012 1.59:00 PM Minordifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1.59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1<	Client Sample ID: GP-18-6						
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: SG Diesel (Fuel Oil) ND 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Surr: 2-Fluorobiphenyl 109 63.6 mg/Kg-dry 1 8/15/2012 6:56:00 PM Surr: 0-Terphenyl 136 50-150 %REC 1 8/15/2012 6:56:00 PM Gasoline by NWTPH-Gx Batch ID: R5384 Analyst: EM Gasoline gorganics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 12-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.00237 mg/Kg-dry 1 8/17/20	Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: SG Diesel (Fuel Oil) ND 25.4 mg/Kg-dry 1 &1/15/2012 &6:6:00 PM Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 &1/15/2012 &6:6:00 PM Meavy Oil 109 63.6 mg/Kg-dry 1 &1/15/2012 &6:6:00 PM Sur: 2-Fluorobiphenyl 126 50-150 %REC 1 &1/15/2012 &6:6:00 PM Sur: 0-Terphenyl 136 50-150 %REC 1 &1/15/2012 &6:6:00 PM Gasoline ND 5.92 mg/Kg-dry 1 &1/17/2012 1:59:00 PM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 &1/17/2012 1:59:00 PM Sur: Fluorobenzene 96.2 65:135 %REC 1 &1/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Mitr/2012 1:59:00 PM ND 0.0711 mg/Kg-dry 1 &1							,
Diesel (Fuel Oil) ND 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Surr: 2-Fluorobiphenyl 126 50-150 %REC 1 8/15/2012 6:56:00 PM Surr: 0-Terphenyl 136 50-150 %REC 1 8/15/2012 6:56:00 PM Gasoline by NWTPH-Gx Batch ID: R5384 Analyst: EM Gasoline conject Science ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1.2-Dichloreethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Dichlorodifluoromethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM No 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 8/17/2012 1:59:00 PM Dichlorodifluoromethane ND	Diesel and Heavy Oil by NWTPH	-Dx/Dx Ext.			Batch	n ID: 296	8 Analyst: SG
Diesel Range Organics (C12-C24) 661 25.4 mg/Kg-dry 1 8/15/2012 6:56:00 PM Heavy Oil 109 63.6 mg/Kg-dry 1 8/15/2012 6:56:00 PM Surr: 2-Fluorobiphenyl 126 50-150 %REC 1 8/15/2012 6:56:00 PM Surr: 0-Terphenyl 136 50-150 %REC 1 8/15/2012 6:56:00 PM Gasoline by NWTPH-Gx Gasoline ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 12-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM <	Diesel (Fuel Oil)	ND	25.4		mg/Kg-dry	1	8/15/2012 6:56:00 PM
Heavy Oil 109 63.6 mg/Kg-dry 1 8/15/2012 6:56:00 PM Surr: 2-Fluorobiphenyl 126 50-150 %REC 1 8/15/2012 6:56:00 PM Surr: 0-Terphenyl 136 50-150 %REC 1 8/15/2012 6:56:00 PM Gasoline by NWTPH-Gx Batch ID: R5384 Analyst: EM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1,2-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.002	Diesel Range Organics (C12-C24)	661	25.4		mg/Kg-dry	1	8/15/2012 6:56:00 PM
Surr: 2-Fluorobiphenyl 126 50-150 %REC 1 8/15/2012 6:56:00 PM Surr: o-Terphenyl 136 50-150 %REC 1 8/15/2012 6:56:00 PM Gasoline by NWTPH-Gx Batch ID: R538/ Analyst: EM Gasoline ange Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1,2-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 298/ Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane ND 0	Heavy Oil	109	63.6		mg/Kg-dry	1	8/15/2012 6:56:00 PM
Surr: o-Terphenyl 136 50-150 %REC 1 8/15/2012 6:56:00 PM Gasoline by NWTPH-Gx Batch ID: R5384 Analyst: EM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1,2-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.059	Surr: 2-Fluorobiphenyl	126	50-150		%REC	1	8/15/2012 6:56:00 PM
Gasoline by NWTPH-Gx Batch ID: R5384 Analyst: EM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1,2-Dichloroethane-d4 94.5 65:135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65:135 %REC 1 8/17/2012 1:59:00 PM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloromethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Stromethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Ghloroethane ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Analyst: EM ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluo	Surr: o-Terphenyl	136	50-150		%REC	1	8/15/2012 6:56:00 PM
Gasoline ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1,2-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Viny chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND	Gasoline by NWTPH-Gx				Batch	n ID: R53	884 Analyst: EM
Gasoline Range Organics C6-C12 ND 5.92 mg/Kg-dry 1 8/17/2012 1:59:00 PM Surr: 1,2-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Viny chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene	Gasoline	ND	5.92		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Surr: 1,2-Dichloroethane-d4 94.5 65-135 %REC 1 8/17/2012 1:59:00 PM Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Intichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Intichloroethene	Gasoline Range Organics C6-C12	ND	5.92		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Surr: Fluorobenzene 96.2 65-135 %REC 1 8/17/2012 1:59:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloromethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinjl chloride ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methyl tert-butyl ether (MTBE) <	Surr: 1,2-Dichloroethane-d4	94.5	65-135		%REC	1	8/17/2012 1:59:00 PM
Wolatile Organic Compounds by EPA Method 8260 Bath ID: 2984 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloromethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Vinyl chloride ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.107 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methyl tert-butyl ether (MTBE) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane <	Surr: Fluorobenzene	96.2	65-135		%REC	1	8/17/2012 1:59:00 PM
Dichlorodifluoromethane (CFC-12)ND0.0711mg/Kg-dry18/17/2012 1:59:00 PMChloromethaneND0.0711mg/Kg-dry18/17/2012 1:59:00 PMVinyl chlorideND0.00237mg/Kg-dry18/17/2012 1:59:00 PMBromomethaneND0.107mg/Kg-dry18/17/2012 1:59:00 PMTrichlorofluoromethane (CFC-11)ND0.0592mg/Kg-dry18/17/2012 1:59:00 PMChloroethaneND0.0711mg/Kg-dry18/17/2012 1:59:00 PM1,1-DichloroetheneND0.0592mg/Kg-dry18/17/2012 1:59:00 PMMethylene chlorideND0.0237mg/Kg-dry18/17/2012 1:59:00 PMMethyl tert-butyl ether (MTBE)ND0.0237mg/Kg-dry18/17/2012 1:59:00 PM1,1-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PMMethyl tert-butyl ether (MTBE)ND0.0237mg/Kg-dry18/17/2012 1:59:00 PM2,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM2,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM2,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM2,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM2,2-DichloroetheneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM2,2-DichloroetheneND0.0237mg/Kg-dry18/17/2012 1:59:	Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 298	4 Analyst: EM
ChloromethaneND0.0711mg/Kg-dry18/17/2012 1:59:00 PMVinyl chlorideND0.00237mg/Kg-dry18/17/2012 1:59:00 PMBromomethaneND0.107mg/Kg-dry18/17/2012 1:59:00 PMTrichlorofluoromethane (CFC-11)ND0.0592mg/Kg-dry18/17/2012 1:59:00 PMChloroethaneND0.0711mg/Kg-dry18/17/2012 1:59:00 PM1,1-DichloroethaneND0.0711mg/Kg-dry18/17/2012 1:59:00 PM1,1-DichloroethaneND0.0592mg/Kg-dry18/17/2012 1:59:00 PMMethylene chlorideND0.0237mg/Kg-dry18/17/2012 1:59:00 PMMethyl tert-butyl ether (MTBE)ND0.0237mg/Kg-dry18/17/2012 1:59:00 PM1,1-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM4,1-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM5,2-DichloropropaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM6,3-1,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM6,3-1,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM6,3-1,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM6,3-1,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM6,3-1,2-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM	Dichlorodifluoromethane (CFC-12)	ND	0.0711		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Vinyl chloride ND 0.00237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromomethane ND 0.107 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM trans-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methyl tert-butyl ether (MTBE) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Chloromethane	ND	0.0711		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Bromomethane ND 0.107 mg/Kg-dry 1 8/17/2012 1:59:00 PM Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM trans-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methyl tert-butyl ether (MTBE) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM cis-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Vinyl chloride	ND	0.00237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Trichlorofluoromethane (CFC-11) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM trans-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methyl tert-butyl ether (MTBE) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2,2-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM cis-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM <	Bromomethane	ND	0.107		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Chloroethane ND 0.0711 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM trans-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methyl tert-butyl ether (MTBE) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM cis-1,2-Dichloroethane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM cis-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Trichlorofluoromethane (CFC-11)	ND	0.0592		mg/Kg-dry	1	8/17/2012 1:59:00 PM
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Methylene chloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM trans-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Methyl tert-butyl ether (MTBE) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM cis-1,2-Dichloroethene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,1-Dichloroethene	ND	0.0592		mg/Kg-dry	1	8/17/2012 1:59:00 PM
trans-1,2-DichloroetheneND0.0237mg/Kg-dry18/17/2012 1:59:00 PMMethyl tert-butyl ether (MTBE)ND0.0592mg/Kg-dry18/17/2012 1:59:00 PM1,1-DichloroethaneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM2,2-DichloropropaneND0.0592mg/Kg-dry18/17/2012 1:59:00 PMcis-1,2-DichloroetheneND0.0237mg/Kg-dry18/17/2012 1:59:00 PM	Methylene chloride	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Methyl tert-butyl ether (MTBE) ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2,2-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM cis-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	trans-1,2-Dichloroethene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
1,1-Dichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2,2-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM cis-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Methyl tert-butyl ether (MTBE)	ND	0.0592		mg/Kg-dry	1	8/17/2012 1:59:00 PM
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cis-1,2-Dichloroethene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	2,2-Dichloropropane	ND	0.0592		mg/Kg-dry	1	8/17/2012 1:59:00 PM
	cis-1,2-Dichloroethene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Chloroform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Chloroform	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
1,1,1-Trichloroethane (TCA) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,1,1-Trichloroethane (TCA)	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
1,1-Dichloropropene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,1-Dichloropropene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Carbon tetrachloride ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Carbon tetrachloride	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
1,2-Dichloroethane (EDC) ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,2-Dichloroethane (EDC)	ND	0.0355		mg/Kg-drv	1	8/17/2012 1:59:00 PM
Benzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Benzene	ND	0.0237		mg/Kg-drv	1	8/17/2012 1:59:00 PM
Trichloroethene (TCE) ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Trichloroethene (TCE)	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208075-002 Matrix: Soll Client Sample ID: GP-18-61 Malyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyset EM 1.2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromodichloromethane ND 0.0247 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromothoropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Totuene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.1.2-Trichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.1.2-Trichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.1.2-Trichloropropane ND 0.0355 mg/Kg-dry 1 <th>Client: PES Environmental, Inc.</th> <th colspan="11">Collection Date: 8/13/2012 8:50:00 AM</th>	Client: PES Environmental, Inc.	Collection Date: 8/13/2012 8:50:00 AM										
Lab ID: 1208075-002 Matrix: Soll Client Sample ID: GP-18-6 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 294 Analyse: EM 1,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromodichloromethane ND 0.0474 mg/Kg-dry 1 8/17/2012 1:59:00 PM Collenoropropene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Toluene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Talsenioropropene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,12-Trichlorocethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,12-Tichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,12-Tetrachloroethane <	Project: Former Pace Kirkland											
Client Sample ID: GP-18-6 Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM 1,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromotichloromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Tatuene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Tatas 1-3:Dichloropropylene ND 0.03355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.3:Dichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.3:Dichlorophane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.3:Dichlorophane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromothanethane (EDB)	Lab ID: 1208075-002				Matrix: So	bil						
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM 1.2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Giet -13-Dichloropropene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Toluene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1.2-Trichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Trichloromethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1.2-Trichloromethane ND	Client Sample ID: GP-18-6											
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2984 Analyst: EM 1,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromodichoromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Toluene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Trichlorophysene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Ditoromethane ND 0.0235 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Ditoromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Tetrachloroethane ND <t< th=""><th></th><th>Desult</th><th></th><th>0</th><th>11</th><th>DE</th><th>Data Analyzad</th></t<>		Desult		0	11	DE	Data Analyzad					
Volatile Organic Compounds by EPA Method 8260 Barb IP: 28' Analys: EM 1.2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1.59.00 PM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1.59.00 PM cis-1,3-Dichloropropene ND 0.0237 mg/Kg-dry 1 8/17/2012 1.59.00 PM Talene ND 0.0237 mg/Kg-dry 1 8/17/2012 1.59.00 PM Talene ND 0.0355 mg/Kg-dry 1 8/17/2012 1.59.00 PM 1,1.2-Trichloroptropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1.59.00 PM 1,3-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1.59.00 PM 1,1.2-Trichloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1.59.00 PM 1,1.2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1.59.00 PM 1,1.1.2-Tetrachloroethane ND 0.0237 <t< th=""><th>Analyses</th><th>Result</th><th>RL</th><th>Quai</th><th>Units</th><th>DF</th><th>Date Analyzed</th></t<>	Analyses	Result	RL	Quai	Units	DF	Date Analyzed					
Totalite Originite Composition Diversion ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Toluene 0.137 0.0235 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1.2-Trichloroptopane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dibromoethane (EDB) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1.2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM <	Volatilo Organic Compounds by E	PA Mothod	8260		Batch	1D [.] 2984	Analyst: EM					
1,2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Cis-1,3-Dichloropropene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Toluene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Tichlorophane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Tichlorophane ND 0.0552 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Tichloromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dibromoethane (EDB) ND 0.00552 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Tichrahloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chlorobenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Lit			0200		Bato	112. 2001						
Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromomethane ND 0.0474 mg/Kg-dry 1 8/17/2012 1:59:00 PM Toluene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM trans-1,3-Dichloropropytene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Trichloroothane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlororothane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dibromochlaroe(EDB) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1.2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1.2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,2-Dichloropropane	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
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Toluene 0.137 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM trans-1,3-Dichloropropylene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Trichloropropane ND 0.0552 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromochloromethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dibromoethane (EDB) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 0,107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 0,-Xylene 0.0663 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane	cis-1,3-Dichloropropene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
trans-1,3-Dichloropropylene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Tetrachloroethene (PCE) ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromochloromethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,12-Tetrachloroethane (EDB) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,12-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,12-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Styrene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylebarzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylebarzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	Toluene	0.137	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,1,2-Trichloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Tetrachloroethane (PCE) ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromochloromethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dibromoethane (EDB) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM th,1,1,2-Tetrachloroethane ND 0.0357 mg/Kg-dry 1 8/17/2012 1:59:00 PM m,p-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM lsopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n	trans-1,3-Dichloropropylene	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,3-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Tetrachloroethene (PCE) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromochloromethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dibromoethane (EDB) ND 0.00592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chlorobenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Ethylbenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3.5-Trimethylbenzene	1,1,2-Trichloroethane	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Tetrachloroethene (PCE) ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Dibromochloromethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.2-Dibromoethane (EDB) ND 0.00592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Ethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM m,p-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.3,5-Tr	1,3-Dichloropropane	ND	0.0592		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Dibromochloromethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dibromoethane (EDB) ND 0.00592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM ethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM lsopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n.P-royblenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n.Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n.Propylbenzene ND	Tetrachloroethene (PCE)	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1.2-Dibromoethane (EDB) ND 0.00592 mg/Kg-dry 1 8/17/2012 1:59:00 PM Chlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1.1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Ethylbenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM m,p-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM I,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM I,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM I,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM I,3,5-Trime	Dibromochloromethane	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Chlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Ethylbenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM m,p-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n.Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND	1,2-Dibromoethane (EDB)	ND	0.00592		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM Ethylbenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM m,p-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND </td <td>Chlorobenzene</td> <td>ND</td> <td>0.0237</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/17/2012 1:59:00 PM</td>	Chlorobenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Ethylbenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM m,p-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM growbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND <t< td=""><td>1,1,1,2-Tetrachloroethane</td><td>ND</td><td>0.0355</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/17/2012 1:59:00 PM</td></t<>	1,1,1,2-Tetrachloroethane	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
m,p-Xylene 0.107 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene	Ethylbenzene	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
o-Xylene 0.0563 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0948 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloroppane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene	m,p-Xylene	0.107	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Styrene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Isopropylbenzene ND 0.0948 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene	o-Xylene	0.0563	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Isopropylbenzene ND 0.0948 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM J.3,5-Trimethylbenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenz	Styrene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Bromoform ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4,2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4,2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenze	Isopropylbenzene	ND	0.0948		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromobenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-bichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1	Bromoform	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM Bromobenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenze	1,1,2,2-Tetrachloroethane	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
Bromobenzene ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM tert-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichl	n-Propylbenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM tert-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/	Bromobenzene	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM tert-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-bichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,3,5-Trimethylbenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM tert-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2	2-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
tert-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	4-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2,4-Trichlorobenzene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM <t< td=""><td>tert-Butylbenzene</td><td>ND</td><td>0.0237</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/17/2012 1:59:00 PM</td></t<>	tert-Butylbenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,2,4-Trichlorobenzene ND 0.0592 mg/Kg-dry 1 8/17/2012 1:59:00 PM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,2,3-Trichloropropane	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,2,4-Trichlorobenzene	ND	0.0592		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
4-Isopropyltoluene 0.0622 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	sec-Butylbenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	4-Isopropyltoluene	0.0622	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,3-Dichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,4-Dichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/17/2012 1:59:00 PM	n-Butylbenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
	1,2-Dichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM					
1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/17/2012 1:59:00 PM	1,2-Dibromo-3-chloropropane	ND	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM					

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8	3/13/2012 8:50:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208075-002				Matrix: Sc	bil	
Client Sample ID: GP-18-6						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 298	84 Analyst: EM
1,2,4-Trimethylbenzene	0.0652	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Hexachlorobutadiene	ND	0.118		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Naphthalene	0.0871	0.0355		mg/Kg-dry	1	8/17/2012 1:59:00 PM
1,2,3-Trichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/17/2012 1:59:00 PM
Surr: 1-Bromo-4-fluorobenzene	97.5	63.1-141		%REC	1	8/17/2012 1:59:00 PM
Surr: Dibromofluoromethane	87.9	67.6-119		%REC	1	8/17/2012 1:59:00 PM
Surr: Toluene-d8	99.5	78.5-126		%REC	1	8/17/2012 1:59:00 PM
Sample Moisture (Percent Moist	ure)			Batch	n ID: R5	324 Analyst: AO
Percent Moisture	19.1			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 9:00:00 AM					
Project: Former Pace Kirkland						
I ab ID: 1208075-003				Matrix: Sc	sil	
					<i>/</i> 11	
Client Sample ID: GP-18-12						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-D	x/Dx Ext			Batch	n ID: 3041	Analyst: BR
						·
Diesel (Fuel Oil)	ND	23.6		mg/Kg-dry	1	8/27/2012 10:49:00 AM
Diesel Range Organics (C12-C24)	ND	23.6		mg/Kg-dry	1	8/27/2012 10:49:00 AM
Heavy Oil	102	59.0		mg/Kg-dry	1	8/27/2012 10:49:00 AM
Surr: 2-Fluorobiphenyl	133	50-150		%REC	1	8/27/2012 10:49:00 AM
Surr: o-Terphenyl	127	50-150		%REC	1	8/27/2012 10:49:00 AM
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3048	Analyst: EM
Dichloradifluoromathana (CEC 12)		0.0664		ma/Ka day	1	8/26/2012 7·44·00 AM
Chloromothana		0.0664		mg/Kg-dry	1	0/20/2012 7.44.00 AM
	ND	0.0004		mg/Kg-dry	1	0/20/2012 7.44.00 AM
	ND	0.00221		mg/Kg-ary	1	8/26/2012 7:44:00 AM
Bromometnane	ND	0.0996		mg/Kg-ary	1	8/26/2012 7:44:00 AM
I richlorofluoromethane (CFC-11)	ND	0.0554		mg/Kg-dry	1	8/26/2012 7:44:00 AM
Chloroethane	ND	0.0664		mg/Kg-dry	1	8/26/2012 7:44:00 AM
1,1-Dichloroethene	ND	0.0554		mg/Kg-dry	1	8/26/2012 7:44:00 AM
Methylene chloride	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
trans-1,2-Dichloroethene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0554		mg/Kg-dry	1	8/26/2012 7:44:00 AM
1,1-Dichloroethane	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
2,2-Dichloropropane	ND	0.0554		mg/Kg-dry	1	8/26/2012 7:44:00 AM
cis-1,2-Dichloroethene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
Chloroform	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
1,1-Dichloropropene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
Carbon tetrachloride	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
1,2-Dichloroethane (EDC)	ND	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM
Benzene	0.0426	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM
Trichloroethene (TCE)	ND	0.0332		ma/Ka-drv	1	8/26/2012 7:44:00 AM
1.2-Dichloropropane	ND	0.0221		ma/Ka-drv	1	8/26/2012 7:44:00 AM
Bromodichloromethane	ND	0 0221		ma/Ka-drv	1	8/26/2012 7·44·00 AM
Dibromomethane	ND	0.0443		ma/Ka-dry	1	8/26/2012 7:44:00 AM
cis-1 3-Dichloropropene	ND	0 0221		ma/Ka-drv	1	8/26/2012 7:44:00 AM
Toluene	0 167	0 0221		ma/Ka-dry	1	8/26/2012 7:44:00 AM
trans-1 3-Dichloropropylene		0.0221		ma/Ka_dry	1	8/26/2012 7·44·00 ΔM
1,1,2-Trichloroethane	ND	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 9:00:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208075-003				Matrix: Sc	bil		
Client Sample ID: GP-18-12							
Analyses	Result	RI	Qual	Units	DF	Date Analyzed	
Analyses	Result		Quui	onito		Bute Analyzeu	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ו ID: 3048	Analyst: EM	
1,3-Dichloropropane	ND	0.0554		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Tetrachloroethene (PCE)	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Dibromochloromethane	ND	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,2-Dibromoethane (EDB)	ND	0.00554		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Chlorobenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Ethylbenzene	ND	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
m,p-Xylene	0.107	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
o-Xylene	0.0548	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Styrene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Isopropylbenzene	ND	0.0886		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Bromoform	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
n-Propylbenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Bromobenzene	ND	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,3,5-Trimethylbenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
2-Chlorotoluene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
4-Chlorotoluene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
tert-Butylbenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,2,3-Trichloropropane	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,2,4-Trichlorobenzene	ND	0.0554		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
sec-Butylbenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
4-Isopropyltoluene	0.131	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,3-Dichlorobenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,4-Dichlorobenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
n-Butylbenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,2-Dichlorobenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,2,4-Trimethylbenzene	0.0731	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Hexachlorobutadiene	ND	0.111		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Naphthalene	0.0936	0.0332		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
1,2,3-Trichlorobenzene	ND	0.0221		mg/Kg-dry	1	8/26/2012 7:44:00 AM	
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	8/26/2012 7:44:00 AM	
Surr: Dibromofluoromethane	99.5	67.6-119		%REC	1	8/26/2012 7:44:00 AM	
Surr: Toluene-d8	104	78.5-126		%REC	1	8/26/2012 7:44:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

Н

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	vironmental, Inc.					Collection Date: 8/13/2012 9:00:00 AM			
Project:Former Pace KirklandLab ID:1208075-003				Matrix: S	oil				
Client Sample ID: GP-18-12									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Sample Moisture (Percent Moist	ure)			Bato	th ID: R	5494 Analyst: AO			
Percent Moisture	17.5			wt%	1	8/27/2012 9:35:43 AM			

Qualifiers:

В

Analyte detected in the associated Method Blank

- E Value above quantitation range
- J Analyte detected below quantitation limits
- RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 9:10:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-004				Matrix: So	il	
Client Sample ID: GP-18-18						
	Desult		0	11	DE	Data Analyzad
Analyses	Result	RL	Quai	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-E	0x/Dx Ext.			Batch	n ID: 2968	Analyst: SG
		01.0			4	0/45/0040 7:04:00 DM
Diesel (Fuel OII)	ND	21.8		mg/Kg-ary	1	8/15/2012 7:24:00 PM
Diesel Range Organics (C12-C24)		21.0		mg/Kg-dry	1	6/15/2012 7.24.00 PM
	102	54.0			1	6/15/2012 7.24.00 PM
Surr: 2-Fluorobiphenyi	102	50-150		%REC	1	8/15/2012 7:24:00 PM
Surr: o-Terpnenyi	107	50-150		%REC	1	8/15/2012 7:24:00 PM
Gasoline by NWTPH-Gx				Batch	n ID: R538	4 Analyst: EM
Gasoline	ND	4.99		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Gasoline Range Organics C6-C12	ND	4.99		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Surr: 1,2-Dichloroethane-d4	94.4	65-135		%REC	1	8/17/2012 2:34:00 PM
Surr: Fluorobenzene	92.7	65-135		%REC	1	8/17/2012 2:34:00 PM
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2971	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0598		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Chloromethane	ND	0.0598		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Vinyl chloride	ND	0.00199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Bromomethane	ND	0.0897		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0499		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Chloroethane	ND	0.0598		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,1-Dichloroethene	ND	0.0499		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Methylene chloride	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
trans-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0499		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,1-Dichloroethane	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
2.2-Dichloropropane	ND	0.0499		mg/Kg-dry	1	8/17/2012 2:34:00 PM
cis-1.2-Dichloroethene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
Chloroform	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
1.1.1-Trichloroethane (TCA)	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
1.1-Dichloropropene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
Carbon tetrachloride	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
1.2-Dichloroethane (FDC)	ND	0.0299		mg/Kg-drv	1	8/17/2012 2:34·00 PM
Benzene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34·00 PM
Trichloroethene (TCE)	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	3/2012 9:10:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-004				Matrix: So	bil	
Client Sample ID: GP-18-18						
	Pocult	Ы	Qual	Unite	DE	Data Analyzad
Analyses	Result	ΝL	Quai	Units	DF	Date Analyzeu
Volatile Organic Compounds by E	PA Method	8260		Batch	ו ID: 2971	Analyst: EM
						·
1,2-Dichloropropane	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Bromodichloromethane	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Dibromomethane	ND	0.0399		mg/Kg-dry	1	8/17/2012 2:34:00 PM
cis-1,3-Dichloropropene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Toluene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
trans-1,3-Dichloropropylene	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,1,2-Trichloroethane	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,3-Dichloropropane	ND	0.0499		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Tetrachloroethene (PCE)	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Dibromochloromethane	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,2-Dibromoethane (EDB)	ND	0.00499		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Chlorobenzene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Ethylbenzene	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM
m,p-Xylene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
o-Xylene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Styrene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Isopropylbenzene	ND	0.0798		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Bromoform	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
n-Propylbenzene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Bromobenzene	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1.3.5-Trimethylbenzene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
2-Chlorotoluene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
4-Chlorotoluene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
tert-Butvlbenzene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
1.2.3-Trichloropropane	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
1.2.4-Trichlorobenzene	ND	0.0499		ma/Ka-drv	1	8/17/2012 2:34:00 PM
sec-Butvlbenzene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
4-Isopropyltoluene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
1.3-Dichlorobenzene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34:00 PM
1.4-Dichlorobenzene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34·00 PM
n-Butylbenzene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34·00 PM
1.2-Dichlorobenzene	ND	0.0199		ma/Ka-drv	1	8/17/2012 2:34·00 PM
1 2-Dibromo-3-chloropropane	ND	0 0299		ma/Ka-drv	1	8/17/2012 2:34:00 PM
		0.0200		ing/itg-uiy	•	5, 172012 2.07.00 T W

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 9:10:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-004				Matrix: Sc	bil	
Client Sample ID: GP-18-18						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 297	1 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Hexachlorobutadiene	ND	0.0997		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Naphthalene	ND	0.0299		mg/Kg-dry	1	8/17/2012 2:34:00 PM
1,2,3-Trichlorobenzene	ND	0.0199		mg/Kg-dry	1	8/17/2012 2:34:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	63.1-141		%REC	1	8/17/2012 2:34:00 PM
Surr: Dibromofluoromethane	91.0	67.6-119		%REC	1	8/17/2012 2:34:00 PM
Surr: Toluene-d8	102	78.5-126		%REC	1	8/17/2012 2:34:00 PM
Sample Moisture (Percent Moistu	<u>ire)</u>			Batch	n ID: R53	Analyst: AO
Percent Moisture	17.2			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 9:30:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-006				Matrix: So	il	
Client Sample ID: GP-18-27						
	Desult		0	11	DE	Data Analyzad
Analyses	Result	RL	Quai	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-D	Dx/Dx Ext.			Batch	n ID: 2968	Analyst: SG
Diesel (Fuel Oil)	ND	24.0		mg/Kg-dry	1	8/15/2012 7:52:00 PM
Diesel Range Organics (C12-C24)	ND	24.0		mg/Kg-dry	1	8/15/2012 7:52:00 PM
Heavy Oil	ND	59.9		mg/Kg-dry	1	8/15/2012 7:52:00 PM
Surr: 2-Fluorobiphenyl	103	50-150		%REC	1	8/15/2012 7:52:00 PM
Surr: o-Terphenyl	103	50-150		%REC	1	8/15/2012 7:52:00 PM
Gasoline by NWTPH-Gx				Batch	n ID: R538	4 Analyst: EM
Gasoline	ND	5.16		ma/Ka-drv	1	8/17/2012 3:10:00 PM
Gasoline Range Organics C6-C12	ND	5.16		ma/Ka-drv	1	8/17/2012 3:10:00 PM
Surr: 1 2-Dichloroethane-d4	93.2	65-135		%RFC	1	8/17/2012 3·10·00 PM
Surr: Fluorobenzene	93.3	65-135		%REC	1	8/17/2012 3:10:00 PM
Volatile Organic Compounds by E	PA Method 8	<u>8260</u>		Batch	n ID: 2984	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0620		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Chloromethane	ND	0.0620		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Vinyl chloride	ND	0.00207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Bromomethane	ND	0.0929		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0516		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Chloroethane	ND	0.0620		mg/Kg-dry	1	8/17/2012 3:10:00 PM
1,1-Dichloroethene	ND	0.0516		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Methylene chloride	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
trans-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0516		mg/Kg-dry	1	8/17/2012 3:10:00 PM
1,1-Dichloroethane	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
2,2-Dichloropropane	ND	0.0516		mg/Kg-dry	1	8/17/2012 3:10:00 PM
cis-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Chloroform	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
1.1.1-Trichloroethane (TCA)	ND	0.0207		ma/Ka-drv	1	8/17/2012 3:10:00 PM
1.1-Dichloropropene	ND	0.0207		ma/Ka-drv	1	8/17/2012 3:10:00 PM
Carbon tetrachloride	ND	0.0207		mg/Ka-drv	1	8/17/2012 3:10:00 PM
1.2-Dichloroethane (FDC)	ND	0.0310		mg/Kg-drv	1	8/17/2012 3:10:00 PM
Benzene	ND	0.0207		ma/Ka-drv	1	8/17/2012 3:10:00 PM
Trichloroethene (TCE)	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM
· · ·						

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/13/2012 9:30:00									
Project: Former Pace Kirkland										
Lab ID: 1208075-006		Matrix: Soil								
Client Sample ID: GP-18-27										
Analyses	Result	RL	Qual	Units	DF	Date Analyzed				
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ו ID: 2984	Analyst: EM				
1,2-Dichloropropane	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Bromodichloromethane	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Dibromomethane	ND	0.0413		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
cis-1,3-Dichloropropene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Toluene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
trans-1,3-Dichloropropylene	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,1,2-Trichloroethane	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,3-Dichloropropane	ND	0.0516		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Tetrachloroethene (PCE)	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Dibromochloromethane	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,2-Dibromoethane (EDB)	ND	0.00516		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Chlorobenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,1,1,2-Tetrachloroethane	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Ethylbenzene	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
m,p-Xylene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
o-Xylene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Styrene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Isopropylbenzene	ND	0.0826		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Bromoform	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,1,2,2-Tetrachloroethane	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
n-Propylbenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
Bromobenzene	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,3,5-Trimethylbenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
2-Chlorotoluene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
4-Chlorotoluene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
tert-Butylbenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,2,3-Trichloropropane	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,2,4-Trichlorobenzene	ND	0.0516		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
sec-Butylbenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
4-Isopropyltoluene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,3-Dichlorobenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,4-Dichlorobenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
n-Butylbenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,2-Dichlorobenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM				
1,2-Dibromo-3-chloropropane	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM				

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 9:30:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-006				Matrix: Sc	oil	
Client Sample ID: GP-18-27						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2984	4 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Hexachlorobutadiene	ND	0.103		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Naphthalene	ND	0.0310		mg/Kg-dry	1	8/17/2012 3:10:00 PM
1,2,3-Trichlorobenzene	ND	0.0207		mg/Kg-dry	1	8/17/2012 3:10:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.9	63.1-141		%REC	1	8/17/2012 3:10:00 PM
Surr: Dibromofluoromethane	82.0	67.6-119		%REC	1	8/17/2012 3:10:00 PM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/17/2012 3:10:00 PM
Sample Moisture (Percent Moiste	<u>ure)</u>			Batch	1D: R53	24 Analyst: AO
Percent Moisture	18.0			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: 1208075-007 Matrix: Soil Client Sample ID: GP-15-3 Analyses Result RL Qual Units DF Date Analyze Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: Diesel (Fuel Oil) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Diesel Range Organics (C12-C24) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Heavy Oil ND 49.1 mg/Kg-dry 1 8/15/2012 8:20:00 Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00	Collection Date: 8/13/2012 9:45:00 AM					
Lab ID: 1208075-007 Matrix: Soil Client Sample ID: GP-15-3 Analyses Result RL Qual Units DF Date Analyz Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: Diesel (Fuel Oil) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Diesel Range Organics (C12-C24) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Heavy Oil ND 49.1 mg/Kg-dry 1 8/15/2012 8:20:00 Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00						
Client Sample ID: GP-15-3AnalysesResultRLQualUnitsDFDate AnalyzDiesel and Heavy Oil by NWTPH-Dx/Dx Ext.Batch ID: 2968Analyst:Diesel (Fuel Oil)ND19.6mg/Kg-dry18/15/2012 8:20:00Diesel Range Organics (C12-C24)ND19.6mg/Kg-dry18/15/2012 8:20:00Heavy OilND49.1mg/Kg-dry18/15/2012 8:20:00Surr: 2-Fluorobiphenyl99.050-150%REC18/15/2012 8:20:00						
AnalysesResultRLQualUnitsDFDate AnalyzDiesel and Heavy Oil by NWTPH-Dx/Dx Ext.Batch ID: 2968Analyst:Diesel (Fuel Oil)ND19.6mg/Kg-dry18/15/2012 8:20:00Diesel Range Organics (C12-C24)ND19.6mg/Kg-dry18/15/2012 8:20:00Heavy OilND49.1mg/Kg-dry18/15/2012 8:20:00Surr: 2-Fluorobiphenyl99.050-150%REC18/15/2012 8:20:00						
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: Diesel (Fuel Oil) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Diesel Range Organics (C12-C24) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Heavy Oil ND 49.1 mg/Kg-dry 1 8/15/2012 8:20:00 Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00	ed					
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2968 Analyst: Diesel (Fuel Oil) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Diesel Range Organics (C12-C24) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Heavy Oil ND 49.1 mg/Kg-dry 1 8/15/2012 8:20:00 Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00	54					
Diesel (Fuel Oil) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Diesel Range Organics (C12-C24) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Heavy Oil ND 49.1 mg/Kg-dry 1 8/15/2012 8:20:00 Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00	SG					
Diesel Range Organics (C12-C24) ND 19.6 mg/Kg-dry 1 8/15/2012 8:20:00 Heavy Oil ND 49.1 mg/Kg-dry 1 8/15/2012 8:20:00 Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00	PM					
Heavy Oil ND 49.1 mg/Kg-dry 1 8/15/2012 8:20:00 Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00	PM					
Surr: 2-Fluorobiphenyl 99.0 50-150 %REC 1 8/15/2012 8:20:00	PM					
	PM					
Surr: o-Terphenyl 97.8 50-150 %REC 1 8/15/2012 8:20:00	PM					
Gasoline by NWTPH-Gx Batch ID: R5384 Analyst:	EM					
Gasoline ND 5.63 ma/Ka-drv 1 8/17/2012 4:25:00	PM					
Gasoline Range Organics C6-C12 ND 5.63 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Surr: 1,2-Dichloroethane-d4 97.9 65-135 %REC 1 8/17/2012 4:25:00	PM					
Surr: Fluorobenzene 96.9 65-135 %REC 1 8/17/2012 4:25:00	PM					
Volatile Organic Compounds by EPA Method 8260Batch ID: 2984Analyst:	EM					
Dichlorodifluoromethane (CFC-12) ND 0.0675 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Chloromethane ND 0.0675 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Vinyl chloride ND 0.00225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Bromomethane ND 0.101 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Trichlorofluoromethane (CFC-11) ND 0.0563 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Chloroethane ND 0.0675 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
1,1-Dichloroethene ND 0.0563 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Methylene chloride ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
trans-1,2-Dichloroethene ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Methyl tert-butyl ether (MTBE) ND 0.0563 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
1,1-Dichloroethane ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
2,2-Dichloropropane ND 0.0563 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
cis-1,2-Dichloroethene ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Chloroform ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
1,1,1-Trichloroethane (TCA) ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
1,1-Dichloropropene ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Carbon tetrachloride ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
1,2-Dichloroethane (EDC) ND 0.0338 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Benzene ND 0.0225 mg/Kg-dry 1 8/17/2012 4:25:00	PM					
Trichloroethene (TCE) ND 0.0338 mg/Kg-dry 1 8/17/2012 4:25:00	PM					

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 9:45:00 AM							
Project: Former Pace Kirkland								
Lab ID: 1208075-007				Matrix: So	bil			
Client Sample ID: GP-15-3								
	Desult		0	l lucito	DE	Data Analyzad		
Analyses	Result	RL	Quai	Units	DF	Date Analyzed		
Volatilo Organic Compounds by E	PA Mothod	8260		Batch	2084 יחו ה	Analyst: EM		
	FA Method	0200		Dato	110. 2004			
1,2-Dichloropropane	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
Bromodichloromethane	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
Dibromomethane	ND	0.0450		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
cis-1,3-Dichloropropene	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
Toluene	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
trans-1,3-Dichloropropylene	ND	0.0338		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
1,1,2-Trichloroethane	ND	0.0338		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
1,3-Dichloropropane	ND	0.0563		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
Tetrachloroethene (PCE)	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
Dibromochloromethane	ND	0.0338		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
1.2-Dibromoethane (EDB)	ND	0.00563		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
Chlorobenzene	ND	0.0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
1.1.1.2-Tetrachloroethane	ND	0.0338		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
Ethylbenzene	ND	0.0338		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
m,p-Xylene	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM		
o-Xvlene	ND	0.0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
Stvrene	ND	0.0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
Isopropylbenzene	ND	0.0900		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
Bromoform	ND	0.0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
1.1.2.2-Tetrachloroethane	ND	0.0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
n-Propylbenzene	ND	0.0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
Bromobenzene	ND	0.0338		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
1 3 5-Trimethylbenzene	ND	0 0225		ma/Ka-drv	1	8/17/2012 4·25·00 PM		
2-Chlorotoluene	ND	0 0225		ma/Ka-drv	1	8/17/2012 4·25·00 PM		
4-Chlorotoluene	ND	0.0225		ma/Ka-drv	1	8/17/2012 4·25·00 PM		
tert-Butylbenzene	ND	0.0225		ma/Ka-drv	1	8/17/2012 4·25·00 PM		
1.2.3-Trichloropropane	ND	0.0225		ma/Ka-dry	1	8/17/2012 4:25:00 PM		
1 2 4-Trichlorobenzene	ND	0.0563		ma/Ka-drv	1	8/17/2012 4·25·00 PM		
sec-Butylbenzene	ND	0.0225		ma/Ka-drv	1	8/17/2012 4·25·00 PM		
4-Isopropyltoluene	ND	0.0225		ma/Ka-dry	1	8/17/2012 4:25:00 PM		
1.3-Dichlorobenzene	ND	0.0225		ma/Ka-dry	1	8/17/2012 4:25:00 PM		
1 4-Dichlorobenzene	ND	0 0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
n-Butylbenzene	ND	0 0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
1 2-Dichlorobenzene	ND	0 0225		ma/Ka-drv	1	8/17/2012 4:25:00 PM		
1 2-Dibromo-3-chloropropane	ND	0.0220		ma/Ka-dry	1	8/17/2012 4:25:00 PM		
		0.0000		ing/itg-uiy	•	5, 112012 7.20.00 T W		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	13/2012 9:45:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208075-007				Matrix: Sc	bil	
Client Sample ID: GP-15-3						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2984	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM
Hexachlorobutadiene	ND	0.113		mg/Kg-dry	1	8/17/2012 4:25:00 PM
Naphthalene	ND	0.0338		mg/Kg-dry	1	8/17/2012 4:25:00 PM
1,2,3-Trichlorobenzene	ND	0.0225		mg/Kg-dry	1	8/17/2012 4:25:00 PM
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	8/17/2012 4:25:00 PM
Surr: Dibromofluoromethane	82.5	67.6-119		%REC	1	8/17/2012 4:25:00 PM
Surr: Toluene-d8	101	78.5-126		%REC	1	8/17/2012 4:25:00 PM
Sample Moisture (Percent Moist	<u>ure)</u>			Batch	n ID: R532	Analyst: AO
Percent Moisture	6.92			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 10:05:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208075-009				Matrix: So	il		
Client Sample ID: GP-15-11							
	Desult		0	11	DE	Data Analyzad	
Analyses	Result	RL	Quai	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	n ID: 2968	3 Analyst: SG	
Dissel (Eucl Oil)		20.9		ma/Ka day	1	9/15/2012 0.16.00 DM	
Diesel (Fuel OII) Diesel Range Organies (C12 C24)		20.8		mg/Kg-dry	1	8/15/2012 9.10.00 FM	
Hoom Oil		20.8		mg/Kg-dry	1	8/15/2012 9.10.00 FM	
Surr: 2 Elucrobiohonul	101	50.150			1	0/15/2012 9.10.00 FW	
Surr: a Tarabasul	101	50-150		%REC	1	8/15/2012 9.10.00 FM	
Surr. o-reiphenyi	102	50-150		%REC	I	6/15/2012 9.10.00 PM	
Gasoline by NWTPH-Gx				Batch	1D: R53	84 Analyst: EM	
Gasoline	ND	5.72		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Gasoline Range Organics C6-C12	ND	5.72		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Surr: 1,2-Dichloroethane-d4	95.8	65-135		%REC	1	8/17/2012 5:03:00 PM	
Surr: Fluorobenzene	93.5	65-135		%REC	1	8/17/2012 5:03:00 PM	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2984	4 Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0686		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Chloromethane	ND	0.0686		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Vinyl chloride	ND	0.00229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Bromomethane	ND	0.103		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Trichlorofluoromethane (CFC-11)	ND	0.0572		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Chloroethane	ND	0.0686		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,1-Dichloroethene	ND	0.0572		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Methylene chloride	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
trans-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Methyl tert-butyl ether (MTBE)	ND	0.0572		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,1-Dichloroethane	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
2,2-Dichloropropane	ND	0.0572		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
cis-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Chloroform	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
1.1.1-Trichloroethane (TCA)	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
1.1-Dichloropropene	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
Carbon tetrachloride	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
1.2-Dichloroethane (FDC)	ND	0.0343		mg/Kg-drv	1	8/17/2012 5:03:00 PM	
Benzene	ND	0 0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Trichloroethene (TCE)	ND	0.0343		mg/Kg-drv	1	8/17/2012 5:03:00 PM	
				0.0.5			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 10:05:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208075-009				Matrix: So	bil		
Client Sample ID: GP-15-11							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2984	Analyst: EM	
1 2-Dichloropropane	ND	0 0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
Bromodichloromethane	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
Dibromomethane	ND	0.0457		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
cis-1.3-Dichloropropene	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
Toluene	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
trans-1.3-Dichloropropylene	ND	0.0343		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
1.1.2-Trichloroethane	ND	0.0343		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
1.3-Dichloropropane	ND	0.0572		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
Tetrachloroethene (PCE)	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
Dibromochloromethane	ND	0.0343		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1.2-Dibromoethane (EDB)	ND	0.00572		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Chlorobenzene	ND	0.0229		ma/Ka-drv	1	8/17/2012 5:03:00 PM	
1,1,1,2-Tetrachloroethane	ND	0.0343		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Ethylbenzene	ND	0.0343		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
m,p-Xylene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
o-Xylene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Styrene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Isopropylbenzene	ND	0.0915		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Bromoform	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,1,2,2-Tetrachloroethane	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
n-Propylbenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
Bromobenzene	ND	0.0343		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,3,5-Trimethylbenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
2-Chlorotoluene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
4-Chlorotoluene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
tert-Butylbenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,2,3-Trichloropropane	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,2,4-Trichlorobenzene	ND	0.0572		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
sec-Butylbenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
4-Isopropyltoluene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,3-Dichlorobenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,4-Dichlorobenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
n-Butylbenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,2-Dichlorobenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM	
1,2-Dibromo-3-chloropropane	ND	0.0343		mg/Kg-dry	1	8/17/2012 5:03:00 PM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 10:05:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-009				Matrix: So	bil	
Client Sample ID: GP-15-11						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2984	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM
Hexachlorobutadiene	ND	0.114		mg/Kg-dry	1	8/17/2012 5:03:00 PM
Naphthalene	ND	0.0343		mg/Kg-dry	1	8/17/2012 5:03:00 PM
1,2,3-Trichlorobenzene	ND	0.0229		mg/Kg-dry	1	8/17/2012 5:03:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.9	63.1-141		%REC	1	8/17/2012 5:03:00 PM
Surr: Dibromofluoromethane	86.0	67.6-119		%REC	1	8/17/2012 5:03:00 PM
Surr: Toluene-d8	99.0	78.5-126		%REC	1	8/17/2012 5:03:00 PM
Sample Moisture (Percent Moist	ure)			Batch	n ID: R532	4 Analyst: AO
Percent Moisture	13.8			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 10:25:00 AM						
Project: Former Pace Kirkland							
I ab ID : 1208075-011				Matrix: So	il		
Client Sample ID: GP-15-23							
	Desult		0	11	DE	Data Analyzad	
Analyses	Result	RL	Quai	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-I	Dx/Dx Ext.			Batch	n ID: 2968	Analyst: SG	
Diesel (Fuel Oil)	ND	19.8		mg/Kg-dry	1	8/15/2012 9:44:00 PM	
Diesel Range Organics (C12-C24)	ND	19.8		mg/Kg-dry	1	8/15/2012 9:44:00 PM	
Heavy Oil	ND	49.4		mg/Kg-dry	1	8/15/2012 9:44:00 PM	
Surr: 2-Fluorobiphenyl	96.7	50-150		%REC	1	8/15/2012 9:44:00 PM	
Surr: o-Terphenyl	99.8	50-150		%REC	1	8/15/2012 9:44:00 PM	
Gasoline by NWTPH-Gx				Batch	n ID: R538	Analyst: EM	
Casoline	ND	6 14		ma/Ka_dry	1	8/17/2012 5·42·00 PM	
Gasoline Range Organics C6-C12		6 14		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Surr: 1 2-Dichloroethane-d4	95.3	65-135		%REC	1	8/17/2012 5:42:00 PM	
Surr: Eluorobenzene	95.3	65-135		%REC	1	8/17/2012 5:42:00 PM	
Sun nuorobenzene	55.5	00-100				0/17/2012 0.42.001 10	
Volatile Organic Compounds by E	PA Method 8	<u>8260</u>		Batch	n ID: 2984	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0737		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Chloromethane	ND	0.0737		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Vinyl chloride	ND	0.00246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Bromomethane	ND	0.111		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Trichlorofluoromethane (CFC-11)	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Chloroethane	ND	0.0737		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
1,1-Dichloroethene	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Methylene chloride	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
trans-1,2-Dichloroethene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Methyl tert-butyl ether (MTBE)	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
1,1-Dichloroethane	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
2,2-Dichloropropane	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
cis-1,2-Dichloroethene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Chloroform	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
1,1,1-Trichloroethane (TCA)	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
1,1-Dichloropropene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM	
Carbon tetrachloride	ND	0.0246		mg/Kq-drv	1	8/17/2012 5:42:00 PM	
1,2-Dichloroethane (EDC)	ND	0.0369		mg/Ka-drv	1	8/17/2012 5:42:00 PM	
Benzene	ND	0.0246		mg/Ka-drv	1	8/17/2012 5:42:00 PM	
Trichloroethene (TCE)	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 10:25:00 AM							
Project: Former Pace Kirkland								
I ab ID : 1208075-011	Matrix: Soil							
Client Semple ID: CB 15 22								
Chefit Sample ID. GF-15-25			<u> </u>			.		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2984	Analyst: EM		
1,2-Dichloropropane	ND	0.0246		mg/Kg-ary	1	8/17/2012 5:42:00 PM		
Bromodichioromethane	ND	0.0246		mg/Kg-ary	1	8/17/2012 5:42:00 PM		
	ND	0.0491		mg/Kg-ary	1	8/17/2012 5:42:00 PM		
cis-1,3-Dicnioropropene	ND	0.0246		mg/Kg-ary	1	8/17/2012 5:42:00 PM		
	ND	0.0246		mg/Kg-ary	1	8/17/2012 5:42:00 PM		
trans-1,3-Dichloropropylene	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1,1,2- I richloroethane	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1,3-Dichloropropane	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Tetrachloroethene (PCE)	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Dibromochloromethane	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1,2-Dibromoethane (EDB)	ND	0.00614		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Chlorobenzene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1,1,1,2-Tetrachloroethane	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Ethylbenzene	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
m,p-Xylene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
o-Xylene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Styrene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Isopropylbenzene	ND	0.0983		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Bromoform	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1,1,2,2-Tetrachloroethane	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
n-Propylbenzene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
Bromobenzene	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1,3,5-Trimethylbenzene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
2-Chlorotoluene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
4-Chlorotoluene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
tert-Butylbenzene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1.2.3-Trichloropropane	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM		
1.2.4-Trichlorobenzene	ND	0.0614		ma/Ka-drv	1	8/17/2012 5:42:00 PM		
sec-Butylbenzene	ND	0.0246		ma/Ka-drv	1	8/17/2012 5:42:00 PM		
4-Isopropyltoluene	ND	0 0246		ma/Ka-drv	1	8/17/2012 5·42·00 PM		
1.3-Dichlorobenzene	ND	0.0246		ma/Ka-dry	1	8/17/2012 5:42:00 PM		
1 4-Dichlorobenzene	ND	0.0246		ma/Ka-dry	1	8/17/2012 5:42:00 PM		
n-Butylbenzene		0.0246		ma/Ka_dry	1	8/17/2012 5:42:00 PM		
1 2-Dichlorobenzene		0.0240		mg/Kg-dry	י 1	8/17/2012 5:42:00 F M		
1,2-Dichioloberizerie	ט א עוא	0.0240		mg/Kg dg/	1	9/17/2012 5.42.00 FIVI		
1,2-Dibiomo-3-chioropropane	ND	0.0369		mg/rkg-ary	I	0/17/2012 3.42:00 PIVI		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 10:25:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-011				Matrix: Sc	bil	
Client Sample ID: GP-15-23						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2984	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM
Hexachlorobutadiene	ND	0.123		mg/Kg-dry	1	8/17/2012 5:42:00 PM
Naphthalene	ND	0.0369		mg/Kg-dry	1	8/17/2012 5:42:00 PM
1,2,3-Trichlorobenzene	ND	0.0246		mg/Kg-dry	1	8/17/2012 5:42:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	8/17/2012 5:42:00 PM
Surr: Dibromofluoromethane	86.9	67.6-119		%REC	1	8/17/2012 5:42:00 PM
Surr: Toluene-d8	99.8	78.5-126		%REC	1	8/17/2012 5:42:00 PM
Sample Moisture (Percent Moist	ure)			Batch	n ID: R532	Analyst: AO
Percent Moisture	19.4			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	. Collection Date: 8/13/2012 11:05:00 AM								
Project: Former Pace Kirkland									
I ab ID: 1208075-014		Matrix: Soil							
					/11				
Client Sample ID: GP-17-6.5									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Diesel and Heavy Oil by NWTPH-F)x/Dx Ext			Batch	n ID: 2968	Analyst: SG			
						· ····· j · ·· · · ·			
Diesel (Fuel Oil)	ND	18.7		mg/Kg-dry	1	8/15/2012 10:11:00 PM			
Diesel Range Organics (C12-C24)	ND	18.7		mg/Kg-dry	1	8/15/2012 10:11:00 PM			
Heavy Oil	ND	46.8		mg/Kg-dry	1	8/15/2012 10:11:00 PM			
Surr: 2-Fluorobiphenyl	94.2	50-150		%REC	1	8/15/2012 10:11:00 PM			
Surr: o-Terphenyl	95.8	50-150		%REC	1	8/15/2012 10:11:00 PM			
Gasoline by NWTPH-Gx				Batch	n ID: R537	0 Analyst: EM			
Gasoline	ND	6 14		ma/Ka-dry	1	8/17/2012 5:29:00 AM			
Gasoline Range Organics C6-C12	ND	6 14		ma/Ka-drv	1	8/17/2012 5:29:00 AM			
Surr: 1 2-Dichloroethane-d4	81.8	65-135		%RFC	1	8/17/2012 5:29:00 AM			
Surr: Eluorobenzene	104	65-135		%REC	1	8/17/2012 5:29:00 AM			
				/01/20	•	0.0000000000000000000000000000000000000			
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM			
Dichlorodifluoromethane (CFC-12)	ND	0.0736		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Chloromethane	ND	0.0736		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Vinyl chloride	ND	0.00245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Bromomethane	ND	0.110		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Trichlorofluoromethane (CFC-11)	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Chloroethane	ND	0.0736		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
1,1-Dichloroethene	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Methylene chloride	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
trans-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Methyl tert-butyl ether (MTBE)	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
1,1-Dichloroethane	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
2,2-Dichloropropane	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
cis-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Chloroform	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
1,1,1-Trichloroethane (TCA)	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
1,1-Dichloropropene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM			
Carbon tetrachloride	ND	0.0245		mg/Kq-drv	1	8/17/2012 5:29:00 AM			
1,2-Dichloroethane (EDC)	ND	0.0368		mg/Ka-drv	1	8/17/2012 5:29:00 AM			
Benzene	ND	0.0245		mg/Ka-drv	1	8/17/2012 5:29:00 AM			
Trichloroethene (TCE)	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 11:05:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208075-014				Matrix: So	bil		
Client Sample ID: GP-17-6 5							
Analyzan	Beault	ы	Qual	Unito	DE	Data Analyzad	
Analyses	Result	KL	Quai	Units	DF	Date Analyzed	
				Detal	- 10. 0005		
Volatile Organic Compounds by E	PA Method	8260		Balci	1 ID: 2985	Analyst: EM	
1,2-Dichloropropane	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Bromodichloromethane	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Dibromomethane	ND	0.0491		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
cis-1,3-Dichloropropene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Toluene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
trans-1,3-Dichloropropylene	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,1,2-Trichloroethane	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,3-Dichloropropane	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Tetrachloroethene (PCE)	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Dibromochloromethane	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1.2-Dibromoethane (EDB)	ND	0.00614		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Chlorobenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Ethylbenzene	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
m,p-Xylene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
o-Xylene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Styrene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Isopropylbenzene	ND	0.0982		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Bromoform	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
n-Propylbenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
Bromobenzene	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,3,5-Trimethylbenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
2-Chlorotoluene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
4-Chlorotoluene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
tert-Butylbenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,2,3-Trichloropropane	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,2,4-Trichlorobenzene	ND	0.0614		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
sec-Butylbenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
4-Isopropyltoluene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,3-Dichlorobenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,4-Dichlorobenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
n-Butylbenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,2-Dichlorobenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM	
				/			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 11:05:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-014				Matrix: Sc	bil	
Client Sample ID: GP-17-6.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM
Hexachlorobutadiene	ND	0.123		mg/Kg-dry	1	8/17/2012 5:29:00 AM
Naphthalene	ND	0.0368		mg/Kg-dry	1	8/17/2012 5:29:00 AM
1,2,3-Trichlorobenzene	ND	0.0245		mg/Kg-dry	1	8/17/2012 5:29:00 AM
Surr: 1-Bromo-4-fluorobenzene	99.8	63.1-141		%REC	1	8/17/2012 5:29:00 AM
Surr: Dibromofluoromethane	95.0	67.6-119		%REC	1	8/17/2012 5:29:00 AM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/17/2012 5:29:00 AM
Sample Moisture (Percent Moistu	<u>ure)</u>			Batch	n ID: R532	4 Analyst: AO
Percent Moisture	6.88			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit


WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	. Collection Date: 8/13/2012 11:30:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208075-016				Matrix: Sc	hil	
Client Sample ID: CP-17-19					,	
	Desult		0	l lucito	DE	Data Analyzard
Analyses	Result	RL	Quai	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-E	0x/Dx Ext.			Batch	n ID: 2968	Analyst: SG
		22.7		ma/Ka day	1	8/1E/2012 10:20:00 DM
Diesel (Fuel OII)		22.7		mg/Kg-dry	1	0/15/2012 10.39.00 PM
Heavy Oil		22.1 56 7		mg/Kg-dry	1	0/15/2012 10:39:00 FW
		50.7			1	0/15/2012 10:39:00 FW
Surr: a Torphopul	91.0	50-150		%REC	1	0/15/2012 10.39.00 PM
Sun: o-reiphenyi	92.5	50-150		%REC	I	6/15/2012 10.39.00 PW
Gasoline by NWTPH-Gx				Batch	n ID: R537	0 Analyst: EM
Gasoline	ND	7.92		mg/Kg-dry	1	8/17/2012 6:01:00 AM
Gasoline Range Organics C6-C12	ND	7.92		mg/Kg-dry	1	8/17/2012 6:01:00 AM
Surr: 1,2-Dichloroethane-d4	79.6	65-135		%REC	1	8/17/2012 6:01:00 AM
Surr: Fluorobenzene	104	65-135		%REC	1	8/17/2012 6:01:00 AM
Volatile Organic Compounds by EPA Method 8260				Batch	ı ID: 2985	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0950		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Chloromethane	ND	0.0950		mg/Kg-dry	1	8/17/2012 6:01:00 AM
Vinvl chloride	ND	0.00317		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Bromomethane	ND	0.142		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0792		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Chloroethane	ND	0.0950		ma/Ka-drv	1	8/17/2012 6:01:00 AM
1.1-Dichloroethene	ND	0.0792		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Methylene chloride	ND	0.0317		ma/Ka-drv	1	8/17/2012 6:01:00 AM
trans-1.2-Dichloroethene	ND	0.0317		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0792		ma/Ka-drv	1	8/17/2012 6:01:00 AM
1.1-Dichloroethane	ND	0.0317		ma/Ka-drv	1	8/17/2012 6:01:00 AM
2.2-Dichloropropane	ND	0.0792		ma/Ka-drv	1	8/17/2012 6:01:00 AM
cis-1 2-Dichloroethene	ND	0.0317		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Chloroform	ND	0.0317		ma/Ka-drv	1	8/17/2012 6:01:00 AM
1 1 1-Trichloroethane (TCA)	ND	0.0317		ma/Ka-dry	1	8/17/2012 6:01:00 AM
1 1-Dichloropropene	ND	0.0317		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Carbon tetrachloride	ND	0.0317		ma/Ka-dry	1	8/17/2012 6:01:00 AM
1 2-Dichloroethane (EDC)	ND	0.0475		ma/Ka-drv	1	8/17/2012 6:01:00 AM
Benzene		0.0317		ma/Ka_dry	1	8/17/2012 6:01:00 AM
Trichloroethene (TCE)	ND	0.0475		mg/Ka-drv	1	8/17/2012 6:01:00 AM
				5 -5 5		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 11:30:00 AM							
Project: Former Pace Kirkland								
Lab ID: 1208075-016				Matrix: Sc	bil			
Client Sample ID: GP-17-19								
	Beault	ы	Qual	Unito	DE	Data Analyzad		
Analyses	Result	KL	Quai	Units	DF	Date Analyzeu		
		0000		Datak		Apolyot: EM		
Volatile Organic Compounds by EF	A Method	8260		Dalci	I ID. 2900	Analyst. EW		
1,2-Dichloropropane	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Bromodichloromethane	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Dibromomethane	ND	0.0633		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
cis-1,3-Dichloropropene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Toluene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
trans-1,3-Dichloropropylene	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,1,2-Trichloroethane	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,3-Dichloropropane	ND	0.0792		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Tetrachloroethene (PCE)	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Dibromochloromethane	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,2-Dibromoethane (EDB)	ND	0.00792		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Chlorobenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,1,1,2-Tetrachloroethane	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Ethylbenzene	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
m,p-Xylene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
o-Xylene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Styrene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Isopropylbenzene	ND	0.127		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Bromoform	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,1,2,2-Tetrachloroethane	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
n-Propylbenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
Bromobenzene	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,3,5-Trimethylbenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
2-Chlorotoluene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
4-Chlorotoluene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
tert-Butylbenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,2,3-Trichloropropane	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,2,4-Trichlorobenzene	ND	0.0792		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
sec-Butylbenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
4-Isopropyltoluene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,3-Dichlorobenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,4-Dichlorobenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
n-Butylbenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,2-Dichlorobenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM		
1,2-Dibromo-3-chloropropane	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 11:30:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208075-016	Matrix: Soil						
Client Sample ID: GP-17-19							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM	
1,2,4-Trimethylbenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM	
Hexachlorobutadiene	ND	0.158		mg/Kg-dry	1	8/17/2012 6:01:00 AM	
Naphthalene	ND	0.0475		mg/Kg-dry	1	8/17/2012 6:01:00 AM	
1,2,3-Trichlorobenzene	ND	0.0317		mg/Kg-dry	1	8/17/2012 6:01:00 AM	
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	8/17/2012 6:01:00 AM	
Surr: Dibromofluoromethane	94.3	67.6-119		%REC	1	8/17/2012 6:01:00 AM	
Surr: Toluene-d8	104	78.5-126		%REC	1	8/17/2012 6:01:00 AM	
Sample Moisture (Percent Moist	ure)			Batch	n ID: R532	4 Analyst: AO	
Percent Moisture	18.9			wt%	1	8/15/2012 12:59:07 PM	

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 11:45:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208075-018				Matrix: So	il		
Client Sample ID: GP-17-28							
	Desult		0	11	DE	Data Analyzad	
Analyses	Result	RL	Quai	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-I	Dx/Dx Ext.			Batch	n ID: 2968	Analyst: SG	
Diesel (Fuel Oil)	ND	22.0		mg/Kg-dry	1	8/15/2012 11:07:00 PM	
Diesel Range Organics (C12-C24)	ND	22.0		mg/Kg-dry	1	8/15/2012 11:07:00 PM	
Heavy Oil	ND	55.1		mg/Kg-dry	1	8/15/2012 11:07:00 PM	
Surr: 2-Fluorobiphenyl	92.7	50-150		%REC	1	8/15/2012 11:07:00 PM	
Surr: o-Terphenyl	93.4	50-150		%REC	1	8/15/2012 11:07:00 PM	
Gasoline by NWTPH-Gx				Batch	n ID: R537	0 Analyst: EM	
Gasoline	ND	6 76		ma/Ka_dn/	1	8/17/2012 6:33:00 AM	
Casoline Range Organics C6-C12		6.76		mg/Kg-dry	1	8/17/2012 0:33:00 AM	
Surr: 1 2-Dichloroethane-d4	81 /	65-135		%PEC	1	8/17/2012 0:33:00 AM	
Surr: Fluerobonzono	105	65 135		%REC	1	8/17/2012 0.33.00 AM	
Sun. Fluorobenzene	105	00-100		70REC	I	0/17/2012 0.33.00 AW	
Volatile Organic Compounds by E	PA Method 8	<u>8260</u>		Batch	n ID: 2985	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0812		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Chloromethane	ND	0.0812		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Vinyl chloride	ND	0.00271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Bromomethane	ND	0.122		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0676		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Chloroethane	ND	0.0812		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
1,1-Dichloroethene	ND	0.0676		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Methylene chloride	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
trans-1,2-Dichloroethene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0676		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
1.1-Dichloroethane	ND	0.0271		ma/Ka-drv	1	8/17/2012 6:33:00 AM	
2.2-Dichloropropane	ND	0.0676		ma/Ka-drv	1	8/17/2012 6:33:00 AM	
cis-1.2-Dichloroethene	ND	0.0271		ma/Ka-drv	1	8/17/2012 6:33:00 AM	
Chloroform	ND	0.0271		ma/Ka-dry	1	8/17/2012 6:33:00 AM	
1 1 1-Trichloroethane (TCA)	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
1 1-Dichloropropene	ND	0.0271		ma/Ka-dry	1	8/17/2012 6:33:00 AM	
Carbon tetrachloride	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
1 2-Dichloroethane (EDC)		0.0271		mg/Kg-dry	1	8/17/2012 6·33·00 ΔM	
Benzene		0.070		mg/Kg-dry	1	8/17/2012 6·33·00 ΔM	
Trichloroethene (TCE)		0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
		0.0400		ing/itg-uiy	1	0/11/2012 0.03.00 AW	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 11:45:00 AM							
Project: Former Pace Kirkland								
Lab ID: 1208075-018				Matrix: So	bil			
Client Sample ID: GP-17-28								
	Desult		0	11	DE	Data Analyzad		
Analyses	Result	RL	Quai	Units	DF	Date Analyzed		
					10.0005			
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batci	n ID: 2985	Analyst: EM		
1,2-Dichloropropane	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Bromodichloromethane	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Dibromomethane	ND	0.0541		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
cis-1,3-Dichloropropene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Toluene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
trans-1,3-Dichloropropylene	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,1,2-Trichloroethane	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,3-Dichloropropane	ND	0.0676		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Tetrachloroethene (PCE)	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Dibromochloromethane	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,2-Dibromoethane (EDB)	ND	0.00676		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Chlorobenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,1,1,2-Tetrachloroethane	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Ethylbenzene	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
m,p-Xylene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
o-Xylene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Styrene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
lsopropylbenzene	ND	0.108		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Bromoform	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,1,2,2-Tetrachloroethane	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
n-Propylbenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
Bromobenzene	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,3,5-Trimethylbenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
2-Chlorotoluene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
4-Chlorotoluene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
tert-Butylbenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,2,3-Trichloropropane	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,2,4-Trichlorobenzene	ND	0.0676		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
sec-Butylbenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
4-Isopropyltoluene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,3-Dichlorobenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,4-Dichlorobenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
n-Butylbenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,2-Dichlorobenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM		
1,2-Dibromo-3-chloropropane	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 11:45:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208075-018	Matrix: Soil						
Client Sample ID: GP-17-28							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM	
1,2,4-Trimethylbenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Hexachlorobutadiene	ND	0.135		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Naphthalene	ND	0.0406		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
1,2,3-Trichlorobenzene	ND	0.0271		mg/Kg-dry	1	8/17/2012 6:33:00 AM	
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	8/17/2012 6:33:00 AM	
Surr: Dibromofluoromethane	94.6	67.6-119		%REC	1	8/17/2012 6:33:00 AM	
Surr: Toluene-d8	101	78.5-126		%REC	1	8/17/2012 6:33:00 AM	
Sample Moisture (Percent Moist	ure)			Batch	n ID: R532	4 Analyst: AO	
Percent Moisture	21.9			wt%	1	8/15/2012 12:59:07 PM	

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 12:40:00 PM						
Project: Former Pace Kirkland							
I ah ID: 1208075-019				Matrix: So	.il		
Client Comple ID: CD 46 2				Matrix. 00	/11		
Client Sample ID: GP-16-3							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-F)y/Dy Eyt			Batch	1D: 2968	Analyst: SG	
				Bato			
Diesel (Fuel Oil)	ND	20.0		mg/Kg-dry	1	8/15/2012 11:34:00 PM	
Diesel Range Organics (C12-C24)	ND	20.0		mg/Kg-dry	1	8/15/2012 11:34:00 PM	
Heavy Oil	ND	49.9		mg/Kg-dry	1	8/15/2012 11:34:00 PM	
Surr: 2-Fluorobiphenyl	99.3	50-150		%REC	1	8/15/2012 11:34:00 PM	
Surr: o-Terphenyl	100	50-150		%REC	1	8/15/2012 11:34:00 PM	
Gasoline by NWTPH-Gx				Batch	n ID: R537	70 Analyst: EM	
Gasoline	ND	6 20		ma/Ka-day	1	8/17/2012 7·37·00 AM	
Gasoline Range Organics C6-C12		6.20		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Surr: 1.2 Dichloroothano d4	ND 76 5	65 135			1	8/17/2012 7:37:00 AM	
Surr: Eluorobonzono	101	65 135		%REC	1	8/17/2012 7:37:00 AM	
Sun nuorobenzene	101	05-155		/0REC	I	0/17/2012 1.37.00 AW	
Volatile Organic Compounds by E	PA Method 8	<u>8260</u>		Batch	n ID: 2985	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0744		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Chloromethane	ND	0.0744		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Vinyl chloride	ND	0.00248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Bromomethane	ND	0.112		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0620		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Chloroethane	ND	0.0744		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
1,1-Dichloroethene	ND	0.0620		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Methylene chloride	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
trans-1,2-Dichloroethene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0620		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
1,1-Dichloroethane	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
2,2-Dichloropropane	ND	0.0620		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
cis-1,2-Dichloroethene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Chloroform	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
1,1,1-Trichloroethane (TCA)	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
1,1-Dichloropropene	ND	0.0248		mg/Kg-drv	1	8/17/2012 7:37:00 AM	
Carbon tetrachloride	ND	0.0248		mg/Kg-drv	1	8/17/2012 7:37:00 AM	
1,2-Dichloroethane (EDC)	ND	0.0372		mg/Ka-drv	1	8/17/2012 7:37:00 AM	
Benzene	ND	0.0248		mg/Kq-drv	1	8/17/2012 7:37:00 AM	
Trichloroethene (TCE)	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 12:40:00 PM							
Project: Former Pace Kirkland								
I ab ID: 1208075-019				Matrix: Sc	vil			
Client Semple ID: CD 16 2					///			
Client Sample ID: GP-16-5			. .	•• •/				
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM		
1,2-Dichloropropane	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Bromodichloromethane	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Dibromomethane	ND	0.0496		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
cis-1,3-Dichloropropene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Toluene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
trans-1,3-Dichloropropylene	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,1,2-Trichloroethane	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,3-Dichloropropane	ND	0.0620		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Tetrachloroethene (PCE)	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Dibromochloromethane	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,2-Dibromoethane (EDB)	ND	0.00620		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Chlorobenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,1,1,2-Tetrachloroethane	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Ethylbenzene	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
m,p-Xylene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
o-Xylene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Styrene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Isopropylbenzene	ND	0.0991		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Bromoform	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,1,2,2-Tetrachloroethane	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
n-Propylbenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
Bromobenzene	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,3,5-Trimethylbenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
2-Chlorotoluene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
4-Chlorotoluene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
tert-Butylbenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,2,3-Trichloropropane	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,2,4-Trichlorobenzene	ND	0.0620		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
sec-Butylbenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
4-Isopropyltoluene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,3-Dichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,4-Dichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
n-Butylbenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,2-Dichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM		
1,2-Dibromo-3-chloropropane	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 12:40:00 PM						
Project: Former Pace Kirkland							
Lab ID: 1208075-019	Matrix: Soil						
Client Sample ID: GP-16-3							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM	
1,2,4-Trimethylbenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Hexachlorobutadiene	ND	0.124		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Naphthalene	ND	0.0372		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
1,2,3-Trichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/17/2012 7:37:00 AM	
Surr: 1-Bromo-4-fluorobenzene	95.4	63.1-141		%REC	1	8/17/2012 7:37:00 AM	
Surr: Dibromofluoromethane	93.6	67.6-119		%REC	1	8/17/2012 7:37:00 AM	
Surr: Toluene-d8	103	78.5-126		%REC	1	8/17/2012 7:37:00 AM	
Sample Moisture (Percent Moist	<u>ure)</u>			Batch	n ID: R532	4 Analyst: AO	
Percent Moisture	6.94			wt%	1	8/15/2012 12:59:07 PM	

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 12:45:00 PM					
Project: Former Pace Kirkland						
Lab ID: 1208075-020				Matrix: So	oil	
Client Sample ID: GP-16-8 5						
	Beault	ы	Qual	Unito	DE	Data Analyzad
Analyses	Result	RL	Quai	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-E)x/Dx Ext.			Batch	n ID: 2968	Analyst: SG
Diesel (Fuel Oil)	ND	22.1		mg/Kg-dry	1	8/16/2012 12:30:00 AM
Diesel Range Organics (C12-C24)	ND	22.1		mg/Kg-dry	1	8/16/2012 12:30:00 AM
Heavy Oil	ND	55.2		mg/Kg-dry	1	8/16/2012 12:30:00 AM
Surr: 2-Fluorobiphenyl	90.6	50-150		%REC	1	8/16/2012 12:30:00 AM
Surr: o-Terphenyl	91.2	50-150		%REC	1	8/16/2012 12:30:00 AM
Gasoline by NWTPH-Gx				Batch	n ID: R537	0 Analyst: EM
Gasoline		5 94		ma/Ka-day	1	8/17/2012 8·00·00 AM
Casoline Range Organics C6-C12		5.94		mg/Kg-dry	1	8/17/2012 8:00:00 AM
Surr: 1 2-Dichloroethane-d4	79.0	65-135		%PEC	1	8/17/2012 8:00:00 AM
Surr: Eluorobonzono	106	65 135		%REC	1	8/17/2012 8:00:00 AM
Sun nuorobenzene	100	05-155		/0REC	I	0/17/2012 0.09.00 AW
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0713		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Chloromethane	ND	0.0713		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Vinyl chloride	ND	0.00238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Bromomethane	ND	0.107		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0594		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Chloroethane	ND	0.0713		mg/Kg-dry	1	8/17/2012 8:09:00 AM
1,1-Dichloroethene	ND	0.0594		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Methylene chloride	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
trans-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0594		mg/Kg-dry	1	8/17/2012 8:09:00 AM
1,1-Dichloroethane	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
2,2-Dichloropropane	ND	0.0594		mg/Kg-dry	1	8/17/2012 8:09:00 AM
cis-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Chloroform	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
1,1-Dichloropropene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Carbon tetrachloride	ND	0.0238		mg/Kq-drv	1	8/17/2012 8:09:00 AM
1,2-Dichloroethane (EDC)	ND	0.0357		mg/Ka-drv	1	8/17/2012 8:09:00 AM
Benzene	ND	0.0238		ma/Ka-drv	1	8/17/2012 8:09:00 AM
Trichloroethene (TCE)	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 12:45:00 PM							
Project: Former Pace Kirkland								
I ab ID: 1208075-020				Matrix: Sc	vil			
Client Semple ID: CD 46 9 5					<i>/</i> //			
Client Sample ID: GP-16-8.5								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM		
1,2-Dichloropropane	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Bromodichloromethane	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Dibromomethane	ND	0.0475		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
cis-1,3-Dichloropropene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Toluene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
trans-1,3-Dichloropropylene	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,1,2-Trichloroethane	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,3-Dichloropropane	ND	0.0594		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Tetrachloroethene (PCE)	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Dibromochloromethane	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,2-Dibromoethane (EDB)	ND	0.00594		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Chlorobenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,1,1,2-Tetrachloroethane	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Ethylbenzene	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
m,p-Xylene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
o-Xylene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Styrene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Isopropylbenzene	ND	0.0951		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Bromoform	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,1,2,2-Tetrachloroethane	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
n-Propylbenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
Bromobenzene	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,3,5-Trimethylbenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
2-Chlorotoluene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
4-Chlorotoluene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
tert-Butylbenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,2,3-Trichloropropane	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,2,4-Trichlorobenzene	ND	0.0594		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
sec-Butylbenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
4-Isopropyltoluene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,3-Dichlorobenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,4-Dichlorobenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
n-Butylbenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,2-Dichlorobenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM		
1,2-Dibromo-3-chloropropane	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 12:45:00 PM					
Project: Former Pace Kirkland						
Lab ID: 1208075-020				Matrix: Sc	oil	
Client Sample ID: GP-16-8.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 29	85 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Hexachlorobutadiene	ND	0.119		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Naphthalene	ND	0.0357		mg/Kg-dry	1	8/17/2012 8:09:00 AM
1,2,3-Trichlorobenzene	ND	0.0238		mg/Kg-dry	1	8/17/2012 8:09:00 AM
Surr: 1-Bromo-4-fluorobenzene	89.4	63.1-141		%REC	1	8/17/2012 8:09:00 AM
Surr: Dibromofluoromethane	92.6	67.6-119		%REC	1	8/17/2012 8:09:00 AM
Surr: Toluene-d8	102	78.5-126		%REC	1	8/17/2012 8:09:00 AM
Sample Moisture (Percent Moiste	<u>ure)</u>			Batch	ID: R5	324 Analyst: AO
Percent Moisture	18.6			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	3/2012 2:00:00 PM
Project: Former Pace Kirkland						
I ab ID: 1208075-023				Matrix: So	.il	
					/11	
Client Sample ID: GP-16-19						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Discol and Hasyn Oil by NWTDH F				Batch	2068 · UL	Analyst: SG
Diesei allu neavy Oli by NWI PH-L				Dater	110. 2900	Analyst. 50
Diesel (Fuel Oil)	ND	21.6		mg/Kg-dry	1	8/16/2012 12:57:00 AM
Diesel Range Organics (C12-C24)	ND	21.6		mg/Kg-dry	1	8/16/2012 12:57:00 AM
Heavy Oil	ND	53.9		mg/Kg-dry	1	8/16/2012 12:57:00 AM
Surr: 2-Fluorobiphenyl	91.8	50-150		%REC	1	8/16/2012 12:57:00 AM
Surr: o-Terphenyl	94.4	50-150		%REC	1	8/16/2012 12:57:00 AM
Gasoline by NWTPH-Gx				Batch	n ID: R537	0 Analyst: EM
Gasoline	ND	6.65		ma/Ka-drv	1	8/17/2012 8:41:00 AM
Gasoline Range Organics C6-C12	ND	6.65		ma/Ka-drv	1	8/17/2012 8:41:00 AM
Surr: 1.2-Dichloroethane-d4	78.4	65-135		%REC	1	8/17/2012 8:41:00 AM
Surr: Fluorobenzene	104	65-135		%REC	1	8/17/2012 8:41:00 AM
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0798		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Chloromethane	ND	0.0798		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Vinyl chloride	ND	0.00266		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Bromomethane	ND	0.120		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0665		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Chloroethane	ND	0.0798		mg/Kg-dry	1	8/17/2012 8:41:00 AM
1,1-Dichloroethene	ND	0.0665		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Methylene chloride	ND	0.0266		mg/Kg-dry	1	8/17/2012 8:41:00 AM
trans-1,2-Dichloroethene	ND	0.0266		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0665		mg/Kg-dry	1	8/17/2012 8:41:00 AM
1,1-Dichloroethane	ND	0.0266		mg/Kg-dry	1	8/17/2012 8:41:00 AM
2.2-Dichloropropane	ND	0.0665		mg/Kg-dry	1	8/17/2012 8:41:00 AM
cis-1.2-Dichloroethene	ND	0.0266		ma/Ka-drv	1	8/17/2012 8:41:00 AM
Chloroform	ND	0.0266		ma/Ka-drv	1	8/17/2012 8:41:00 AM
1 1 1-Trichloroethane (TCA)	ND	0.0266		ma/Ka-dry	1	8/17/2012 8:41:00 AM
1 1-Dichloropropene	ND	0.0266		ma/Ka-dry	1	8/17/2012 8:41:00 AM
Carbon tetrachloride	ND	0.0266		ma/Ka-drv	1	8/17/2012 8:41:00 AM
1 2-Dichloroethane (FDC)	ND	0.0399		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Benzene		0.0266		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Trichloroethene (TCF)	ND	0.0399		ma/Ka-drv	1	8/17/2012 8:41:00 AM
		0.0000		inging ary	•	5 // EO 12 6. T 1.00 / W

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

RL Reporting Limit

J

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: 1208075-023 Matrix: Soil Client Sample ID: GP-16-19 Analyses Result RL Qual Units DF Date Analyz Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: 1,2-Dichloropropane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00 Bromodichloromethane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	ed EM AM AM AM AM
Lab ID: 1208075-023 Matrix: Soil Client Sample ID: GP-16-19 Analyses Result RL Qual Units DF Date Analyz Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: 1,2-Dichloropropane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00 Bromodichloromethane ND 0.0266 mg/Kg dry 1 8/17/2012 8:41:00	EM AM AM AM AM AM
Client Sample ID: GP-16-19 Analyses Result RL Qual Units DF Date Analyz Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: 1,2-Dichloropropane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00 Bromodichloromethane ND 0.0266 mg/Kg dry 1 8/17/2012 8:41:00	ed EM AM AM AM AM AM
Analyses Result RL Qual Units DF Date Analyz Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: 1,2-Dichloropropane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00 Bromodichloromethane ND 0.0266 mg/Kg dry 1 8/17/2012 8:41:00	EM AM AM AM AM AM
Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: 1,2-Dichloropropane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00 Bromodichloromethane ND 0.0266 mg/Kg dry 1 8/17/2012 8:41:00	EM AM AM AM AM AM
1,2-Dichloropropane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00 Bromodichloromethane ND 0.0266 mg/Kg dry 1 8/17/2012 8:41:00	AM AM AM AM
I.2-Dicitioropropatie ND 0.0200 Ilig/Ng-ury 0/17/2012 6.41.00 Bromodichloromethane ND 0.0266 ma/Ka day 1 9/17/2012 6.41.00	AM AM AM AM
	AM AM AM
Distribution of the second se	AM AM
Dibiomometriane ND 0.0352 mg/Kg-dry 1 6/17/2012 6.41.00	AM
ND = 0.0266 mg/Kg dg = 1 - g/17/2012 8:41:00	AIVI
trans 1.3 Dichleronropylono ND 0.0200 mg/Kg dpy 1 $8/17/2012 8:41:00$	AN4
1.1.2 Triphloroothono	
1,1,2-11Chloroethalle ND 0.0399 Hig/Kg-dry 1 0/17/2012 6.41.00	AIVI
I,3-Dichloropropane ND 0.0005 Ilig/Kg-dry I 6/17/2012 6.41.00 Tetraphleropthone ND 0.0066 mg/Kg dry 1 8/17/2012 6.41.00	AIVI
Tetrachiologunene (PCE) ND 0.0200 Hig/Kg-dry 0/1//2012 6.41.00 Dibramashlaramathana ND 0.0200 mg/Kg dry 1 8/17/2012 6.41.00	AIVI
Dibiomocnioronetrane ND 0.0399 Ing/Kg-dry 0/17/2012 8.41.00 4.3 Dikermeethere ND 0.00005 ma///s dry 1 8/17/2012 8.41.00	AIVI
1,2-Dibromoetnane (EDB) ND 0.00665 mg/Kg-dry 1 8/17/2012 8:41:00	AM
Chlorobenzene ND 0.0266 mg/Kg-dry 1 8/1//2012 8:41:00	AM
1,1,1,2- I etrachloroethane ND 0.0399 mg/Kg-dry 1 8/1//2012 8:41:00	AM
Ethylbenzene ND 0.0399 mg/Kg-dry 1 8/17/2012 8:41:00	AM
m,p-Xylene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
o-Xylene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
Styrene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
Isopropylbenzene ND 0.106 mg/Kg-dry 1 8/17/2012 8:41:00	AM
Bromoform ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,1,2,2-Tetrachloroethane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
n-Propylbenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
Bromobenzene ND 0.0399 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,3,5-Trimethylbenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
2-Chlorotoluene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
4-Chlorotoluene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
tert-Butylbenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,2,3-Trichloropropane ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,2,4-Trichlorobenzene ND 0.0665 mg/Kg-dry 1 8/17/2012 8:41:00	AM
sec-Butylbenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
4-Isopropyltoluene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,3-Dichlorobenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,4-Dichlorobenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
n-Butylbenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,2-Dichlorobenzene ND 0.0266 mg/Kg-dry 1 8/17/2012 8:41:00	AM
1,2-Dibromo-3-chloropropane ND 0.0399 mg/Kg-dry 1 8/17/2012 8:41:00	AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208075** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8	3/13/2012 2:00:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208075-023				Matrix: Sc	bil	
Client Sample ID: GP-16-19						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 298	35 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0266		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Hexachlorobutadiene	ND	0.133		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Naphthalene	ND	0.0399		mg/Kg-dry	1	8/17/2012 8:41:00 AM
1,2,3-Trichlorobenzene	ND	0.0266		mg/Kg-dry	1	8/17/2012 8:41:00 AM
Surr: 1-Bromo-4-fluorobenzene	99.4	63.1-141		%REC	1	8/17/2012 8:41:00 AM
Surr: Dibromofluoromethane	93.4	67.6-119		%REC	1	8/17/2012 8:41:00 AM
Surr: Toluene-d8	101	78.5-126		%REC	1	8/17/2012 8:41:00 AM
Sample Moisture (Percent Moiste	<u>ure)</u>			Batch	n ID: R5	324 Analyst: AO
Percent Moisture	17.1			wt%	1	8/15/2012 12:59:07 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



Work Order:	1208075									00.9			
CLIENT:	PES Enviror	nmental, In	С.										
Project:	Former Pace	e Kirkland						[Diesel a	and Heavy (Dil by NW1	PH-Dx/D	x Ext.
Sample ID: 120807	75-007BDUP	SampType	DUP			Units: mg/Kg-	dry	Prep Date:	8/15/20	12	RunNo: 533	37	
Client ID: GP-15-	-3	Batch ID:	2968					Analysis Date:	8/15/20	12	SeqNo: 104	475	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	19.5						0	0	30	
Diesel Range Orgar	nics (C12-C24)		ND	19.5						0	0	30	
Heavy Oil			ND	48.7						0	0	30	
Surr: 2-Fluorobip	henyl		18.9		19.46		96.9	50	150		0		
Surr: o-Terpheny	1		19.0		19.46		97.5	50	150		0		
Sample ID: LCS-29	968	SampType	LCS			Units: mg/Kg		Prep Date:	8/15/20	12	RunNo: 533	\$7	
Client ID: LCSS		Batch ID:	2968					Analysis Date:	8/15/20	12	SeqNo: 104	487	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			580	20.0	500.0	0	116	65	135				
Surr: 2-Fluorobip	henyl		26.9		20.00		135	50	150				
Surr: o-Terpheny	1		27.9		20.00		139	50	150				
Sample ID: MB-29	68	SampType	MBLK			Units: mg/Kg		Prep Date:	8/15/20	12	RunNo: 533	37	
Client ID: MBLK	S	Batch ID:	2968					Analysis Date:	8/15/20	12	SeqNo: 104	488	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	20.0									
Diesel Range Orgar	nics (C12-C24)		ND	20.0									
Heavy Oil			ND	50.0									
Surr: 2-Fluorobip	henyl		24.0		20.00		120	50	150				
Surr: o-Terpheny	1		25.6		20.00		128	50	150				

R

Analyte detected in the associated Method Blank

RPD outside accepted recovery limits

D Dilution was required

Analyte detected below quantitation limits

- Holding times for preparation or analysis exceeded J
 - RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Work Order:	1208075									QC S	SUMMA	RY REP	ORT
CLIENT:	PES Enviror	nmental, In	IC.										
Project:	Former Pace	e Kirkland							Diesel a	ind Heavy C		PH-DX/D	X EXT.
Sample ID: LCS-30	041	SampType	E LCS			Units: mg/Kg		Prep Date	e: 8/24/20	12	RunNo: 546	9	
Client ID: LCSS		Batch ID:	3041					Analysis Date	e: 8/26/20	12	SeqNo: 107	253	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			493	20.0	500.0	0	98.6	65	135				
Surr: 2-Fluorobip	henyl		25.9		20.00		129	50	150				
Surr: o-Terpheny	1		25.4		20.00		127	50	150				
Sample ID: MB-30	41	SampType	: MBLK			Units: mg/Kg		Prep Date	e: 8/24/20	12	RunNo: 546	9	
Client ID: MBLK	S	Batch ID:	3041					Analysis Date	e: 8/26/20	12	SeqNo: 107	254	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	20.0									
Diesel Range Organ	nics (C12-C24)		ND	20.0									
Heavy Oil			ND	50.0									
Surr: 2-Fluorobip	henyl		25.7		20.00		128	50	150				
Surr: o-Terpheny	1		25.0		20.00		125	50	150				
Sample ID: 120808	34-003BDUP	SampType	: DUP			Units: mg/Kg-o	Iry	Prep Date	e: 8/24/20	12	RunNo: 546	69	
Client ID: BATCH	4	Batch ID:	3041					Analysis Date	e: 8/27/20	12	SeqNo: 108	3414	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	21.0						0	0	30	
Diesel Range Organ	nics (C12-C24)		ND	21.0						0	0	30	
Heavy Oil			ND	52.6						0	0	30	
Surr: 2-Fluorobip	henyl		29.0		21.04		138	50	150		0		
Surr: o-Terpheny	1		28.2		21.04		134	50	150		0		

В Qualifiers:

н

R

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

- Dilution was required D
- Analyte detected below quantitation limits J
 - Reporting Limit RL

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- s Spike recovery outside accepted recovery limits

Qual

Qual

Qual

Qual



R

Fremont

- RPD outside accepted recovery limits

Reporting Limit

RL

- - S Spike recovery outside accepted recovery limits



Analyte detected in the associated Method Blank В Qualifiers:

R

н Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Dilution was required D .1

Analyte detected below quantitation limits

RL Reporting Limit Е Value above quantitation range

ND Not detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

Fremont

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

RPDLimit

30

Qual

Qual

Qual

Qual

RPDI imit

30

30



Work Order:	1208075	208075								00.5	SUMMAR	REP	ORT
CLIENT:	PES Environ	imental, In	С.										
Project:	Former Pace	e Kirkland									Gasoline		² H-GX
Sample ID: 120808	34-019ADUP	SampType	DUP			Units: mg/	Kg-dry	Prep Da	te: 8/16/20	12	RunNo: 537	0	
Client ID: BATCH	4	Batch ID:	R5370					Analysis Da	te: 8/21/20	12	SeqNo: 105	759	
Analyte		ļ	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlore	oethane-d4		0.609		0.6000		102	65	135		0		
Surr: Fluorobenze	ene		0.593		0.6000		98.8	65	135		0		

Qualifiers: B Analyte detected in the associated Method Blank

- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208093-001AMS	SampType: MS			Units: mg/l	dry	Prep Dat	te: 8/16/20	12	RunNo: 536	6	
Client ID: BATCH	Batch ID: 2984					Analysis Dat	te: 8/17/20	12	SeqNo: 105	5195	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.974	0.0675	1.124	0	86.6	43.5	121				
Chloromethane	1.01	0.0675	1.124	0	89.7	45	130				
Vinyl chloride	0.837	0.00225	1.124	0	74.5	51.2	146				
Bromomethane	0.624	0.101	1.124	0	55.5	70	130				S
Trichlorofluoromethane (CFC-11)	0.574	0.0562	1.124	0	51.1	52.2	132				S
Chloroethane	0.691	0.0675	1.124	0	61.5	43.8	117				
1,1-Dichloroethene	1.09	0.0562	1.124	0	96.6	61.9	141				
Methylene chloride	0.675	0.0225	1.124	0.01237	59.0	54.7	142				
trans-1,2-Dichloroethene	1.21	0.0225	1.124	0	107	52	136				
Methyl tert-butyl ether (MTBE)	1.00	0.0562	1.124	0	89.1	54.4	132				
1,1-Dichloroethane	0.967	0.0225	1.124	0	86.0	51.8	141				
2,2-Dichloropropane	0.839	0.0562	1.124	0	74.6	36	123				
cis-1,2-Dichloroethene	1.09	0.0225	1.124	0	97.4	58.6	136				
Chloroform	1.02	0.0225	1.124	0	91.1	53.2	129				
1,1,1-Trichloroethane (TCA)	1.28	0.0225	1.124	0	114	58.3	145				
1,1-Dichloropropene	1.24	0.0225	1.124	0	110	55.1	138				
Carbon tetrachloride	1.21	0.0225	1.124	0	108	53.3	144				
1,2-Dichloroethane (EDC)	1.11	0.0337	1.124	0	98.5	51.3	139				
Benzene	1.13	0.0225	1.124	0	101	63.5	133				
Trichloroethene (TCE)	1.22	0.0337	1.124	0	109	68.6	132				
1,2-Dichloropropane	1.11	0.0225	1.124	0	99.0	59	136				
Bromodichloromethane	1.16	0.0225	1.124	0	103	50.7	141				
Dibromomethane	1.03	0.0450	1.124	0	91.8	50.6	137				
cis-1,3-Dichloropropene	1.11	0.0225	1.124	0	98.4	52.3	129				
Toluene	1.21	0.0225	1.124	0	108	67.8	129				
trans-1,3-Dichloropropylene	0.978	0.0337	1.124	0	87.0	52.2	138				
1,1,2-Trichloroethane	0.847	0.0337	1.124	0	75.4	51.6	137				
1,3-Dichloropropane	1.07	0.0562	1.124	0	94.9	53.1	134				
Tetrachloroethene (PCE)	1.17	0.0225	1.124	0	104	44.1	141				
Oualifiers: B Analyte detected in the	associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nae		

Qualifiers:

R

H Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Reporting Limit RL

J Analyte detected below quantitation limits

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208093-001AMS	SampType: MS			Units: mg/K	g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	6	
Client ID: BATCH	Batch ID: 2984					Analysis Da	te: 8/17/20	12	SeqNo: 10	5195	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.01	0.0337	1.124	0	89.4	55.3	140				
1,2-Dibromoethane (EDB)	0.963	0.00562	1.124	0	85.7	50.4	136				
Chlorobenzene	1.12	0.0225	1.124	0	100	60	133				
1,1,1,2-Tetrachloroethane	1.06	0.0337	1.124	0	94.5	53.1	142				
Ethylbenzene	1.11	0.0337	1.124	0	98.7	54.5	134				
m,p-Xylene	2.20	0.0225	2.248	0	97.8	53.1	132				
o-Xylene	1.10	0.0225	1.124	0	97.8	53.3	139				
Styrene	1.12	0.0225	1.124	0	99.2	51.1	132				
Isopropylbenzene	1.19	0.0899	1.124	0	106	58.9	138				
Bromoform	0.902	0.0225	1.124	0	80.3	57.9	130				
1,1,2,2-Tetrachloroethane	0.916	0.0225	1.124	0	81.5	51.9	131				
n-Propylbenzene	1.11	0.0225	1.124	0	98.8	53.6	140				
Bromobenzene	1.05	0.0337	1.124	0	93.8	54.2	140				
1,3,5-Trimethylbenzene	1.12	0.0225	1.124	0	99.8	51.8	136				
2-Chlorotoluene	1.06	0.0225	1.124	0	94.0	51.6	136				
4-Chlorotoluene	1.06	0.0225	1.124	0	94.1	50.1	139				
tert-Butylbenzene	1.19	0.0225	1.124	0	105	50.5	135				
1,2,3-Trichloropropane	0.840	0.0225	1.124	0	74.8	50.5	131				
1,2,4-Trichlorobenzene	0.960	0.0562	1.124	0	85.4	50.8	130				
sec-Butylbenzene	1.06	0.0225	1.124	0	94.3	52.6	141				
4-Isopropyltoluene	1.10	0.0225	1.124	0	97.9	52.9	134				
1,3-Dichlorobenzene	1.17	0.0225	1.124	0	104	52.6	131				
1,4-Dichlorobenzene	1.07	0.0225	1.124	0	95.1	52.9	129				
n-Butylbenzene	1.15	0.0225	1.124	0	103	52.6	130				
1,2-Dichlorobenzene	1.08	0.0225	1.124	0	96.2	55.8	129				
1,2-Dibromo-3-chloropropane	0.894	0.0337	1.124	0	79.5	53	129				
1,2,4-Trimethylbenzene	1.01	0.0225	1.124	0	90.0	50.6	137				
Hexachlorobutadiene	0.990	0.112	1.124	0	88.1	51.5	130				
Naphthalene	0.934	0.0337	1.124	0	83.1	52.3	124				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required			E Value	above quantitation ra	ange		

H Holding times for preparation or analysis exceeded

R

J Analyte detected below quantitation limits

RPD outside accepted recovery limits

RL Reporting Limit

ND Not detected at the Reporting Limit



CLIENT: PES Environmental, Inc.

Project: Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208093-001AMS	SampType: MS			Units: mg/k	g-dry	Prep Dat	e: 8/16/201	12	RunNo: 536	6	
Client ID: BATCH	Batch ID: 2984					Analysis Dat	e: 8/17/20 4	12	SeqNo: 105	195	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	0.865	0.0225	1.124	0	76.9	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.543		0.5621		96.6	63.1	141				
Surr: Dibromofluoromethane	0.485		0.5621		86.3	67.6	119				
Surr: Toluene-d8	0.575		0.5621		102	78.5	126				

NOTES:

S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Sample ID: 1208099-001ADUP	SampType: DUP			Units: mg/k	(g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	6	
Client ID: BATCH	Batch ID: 2984					Analysis Dat	te: 8/17/20	12	SeqNo: 105	5200	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0639						0	0	30	
Chloromethane	ND	0.0639						0	0	30	
Vinyl chloride	ND	0.00213						0	0	30	
Bromomethane	ND	0.0958						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0532						0	0	30	
Chloroethane	ND	0.0639						0	0	30	
1,1-Dichloroethene	ND	0.0532						0	0	30	
Methylene chloride	ND	0.0213						0	0	30	
trans-1,2-Dichloroethene	ND	0.0213						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0532						0	0	30	
1,1-Dichloroethane	ND	0.0213						0	0	30	
2,2-Dichloropropane	ND	0.0532						0	0	30	
cis-1,2-Dichloroethene	ND	0.0213						0	0	30	
Chloroform	ND	0.0213						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0213						0	0	30	
1,1-Dichloropropene	ND	0.0213						0	0	30	
Carbon tetrachloride	ND	0.0213						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0319						0	0	30	

Qualifiers: B Analyte detected in the associated Method Blank

R

E Value above quantitation range

H Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

J Analyte detected below quantitation limits

RL Reporting Limit

ND Not detected at the Reporting Limit



CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Project: Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208099-001ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	6	
Client ID: BATCH	Batch ID: 2984					Analysis Da	te: 8/17/20	12	SeqNo: 105	5200	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0213						0	0	30	
Trichloroethene (TCE)	ND	0.0319						0	0	30	
1,2-Dichloropropane	ND	0.0213						0	0	30	
Bromodichloromethane	ND	0.0213						0	0	30	
Dibromomethane	ND	0.0426						0	0	30	
cis-1,3-Dichloropropene	ND	0.0213						0	0	30	
Toluene	ND	0.0213						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0319						0	0	30	
1,1,2-Trichloroethane	ND	0.0319						0	0	30	
1,3-Dichloropropane	ND	0.0532						0	0	30	
Tetrachloroethene (PCE)	ND	0.0213						0	0	30	
Dibromochloromethane	ND	0.0319						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00532						0	0	30	
Chlorobenzene	ND	0.0213						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0319						0	0	30	
Ethylbenzene	ND	0.0319						0	0	30	
m,p-Xylene	ND	0.0213						0	0	30	
o-Xylene	ND	0.0213						0	0	30	
Styrene	ND	0.0213						0	0	30	
Isopropylbenzene	ND	0.0852						0	0	30	
Bromoform	ND	0.0213						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0213						0	0	30	
n-Propylbenzene	ND	0.0213						0	0	30	
Bromobenzene	ND	0.0319						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0213						0	0	30	
2-Chlorotoluene	ND	0.0213						0	0	30	
4-Chlorotoluene	ND	0.0213						0	0	30	
tert-Butylbenzene	ND	0.0213						0	0	30	
1,2,3-Trichloropropane	ND	0.0213						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	is required	limite		E Value	above quantitation ran	ige		

R RPD outside accepted recovery limits Analyte detected below quantitation limits

RL

Reporting Limit

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208099-001ADUP	SampType: DUP			Units: mg/	Kg-dry	Prep Dat	te: 8/16/20	12	RunNo: 536	6	
Client ID: BATCH	Batch ID: 2984					Analysis Dat	te: 8/17/20 ⁻	12	SeqNo: 105	200	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.0532						0	0	30	
sec-Butylbenzene	ND	0.0213						0	0	30	
4-Isopropyltoluene	ND	0.0213						0	0	30	
1,3-Dichlorobenzene	ND	0.0213						0	0	30	
1,4-Dichlorobenzene	ND	0.0213						0	0	30	
n-Butylbenzene	ND	0.0213						0	0	30	
1,2-Dichlorobenzene	ND	0.0213						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0319						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0213						0	0	30	
Hexachlorobutadiene	ND	0.106						0	0	30	
Naphthalene	ND	0.0319						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0213						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.517		0.5323		97.1	63.1	141		0		
Surr: Dibromofluoromethane	0.491		0.5323		92.3	67.6	119		0		
Surr: Toluene-d8	0.539		0.5323		101	78.5	126		0		
Sample ID: 1 CS 2094	SompTupo: 100			Lipito: ma/	K.a.	Drop Do	0/16/20	10	DunNo: 526		

Sample ID. LC3-2904	Samprype. LCS			Units. mg/kg		Prep Da	te. 0/10/20	12	Runno. 530	0	
Client ID: LCSS	Batch ID: 2984				Analysis Date: 8/17/2012		12	SeqNo: 105	202		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.730	0.0600	1.000	0	73.0	41.5	132				
Chloromethane	0.903	0.0600	1.000	0	90.3	52.3	129				
Vinyl chloride	0.938	0.00200	1.000	0	93.8	51.1	134				
Bromomethane	0.970	0.0900	1.000	0	97.0	54.6	148				
Trichlorofluoromethane (CFC-11)	0.888	0.0500	1.000	0	88.8	59.7	131				
Chloroethane	0.896	0.0600	1.000	0	89.6	53.9	135				
1,1-Dichloroethene	1.02	0.0500	1.000	0	102	58	139				
Methylene chloride	0.910	0.0200	1.000	0	91.0	58.7	141				

Analyte detected in the associated Method Blank Qualifiers: В

R

- Dilution was required D
- Analyte detected below quantitation limits J

Value above quantitation range Е

ND

н Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

RL Reporting Limit

Not detected at the Reporting Limit s Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-2984	SampType: LCS			Units: mg/Kg		Prep Da	te: 8/16/20	12	RunNo: 536)6 	
Client ID: LCSS	Batch ID: 2984					Analysis Dat	te: 8/17/20	12	SeqNo: 10	5202	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.990	0.0200	1.000	0	99.0	70	130				
Methyl tert-butyl ether (MTBE)	0.966	0.0500	1.000	0	96.6	70	130				
1,1-Dichloroethane	1.01	0.0200	1.000	0	101	67.6	127				
2,2-Dichloropropane	0.796	0.0500	1.000	0	79.6	40.1	133				
cis-1,2-Dichloroethene	0.987	0.0200	1.000	0	98.7	70	130				
Chloroform	0.991	0.0200	1.000	0	99.0	64	127				
1,1,1-Trichloroethane (TCA)	1.05	0.0200	1.000	0	105	68.9	132				
1,1-Dichloropropene	1.05	0.0200	1.000	0	105	70	130				
Carbon tetrachloride	1.03	0.0200	1.000	0	103	56.3	141				
1,2-Dichloroethane (EDC)	1.04	0.0300	1.000	0	104	69.4	131				
Benzene	0.976	0.0200	1.000	0	97.6	72.3	125				
Trichloroethene (TCE)	1.12	0.0300	1.000	0	112	73.5	130				
1,2-Dichloropropane	0.988	0.0200	1.000	0	98.8	70	130				
Bromodichloromethane	1.06	0.0200	1.000	0	106	70	130				
Dibromomethane	0.980	0.0400	1.000	0	98.0	70	130				
cis-1,3-Dichloropropene	1.03	0.0200	1.000	0	103	58.7	141				
Toluene	1.05	0.0200	1.000	0	105	73.6	126				
trans-1,3-Dichloropropylene	0.981	0.0300	1.000	0	98.1	55.3	142				
1,1,2-Trichloroethane	0.914	0.0300	1.000	0	91.4	70	130				
1,3-Dichloropropane	0.996	0.0500	1.000	0	99.6	70	130				
Tetrachloroethene (PCE)	1.05	0.0200	1.000	0	105	55.2	151				
Dibromochloromethane	0.960	0.0300	1.000	0	96.0	71.5	142				
1,2-Dibromoethane (EDB)	1.01	0.00500	1.000	0	101	70	130				
Chlorobenzene	1.03	0.0200	1.000	0	103	74.2	122				
1,1,1,2-Tetrachloroethane	0.953	0.0300	1.000	0	95.3	70	130				
Ethylbenzene	0.987	0.0300	1.000	0	98.7	70	130				
m,p-Xylene	2.02	0.0200	2.000	0	101	70	130				
o-Xylene	1.03	0.0200	1.000	0	103	70	130				
Styrene	1.06	0.0200	1.000	0	106	70	130				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required			E Value	e above quantitation ra	nge		
H Holding times for prepared	aration or analysis exceeded		J Analyte det	ected below quantitation lin	nits		ND Not d	etected at the Reporti	ng Limit		

Н Holding times for preparation or analysis exceeded

Reporting Limit

RL

s Spike recovery outside accepted recovery limits

R RPD outside accepted recovery limits



1208075

PES Environmental, Inc.

QC SUMMARY REPORT

Project: Former Pace Kirkland

Work Order:

CLIENT:

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-2984	SampType: LCS			Units: mg/Kg		Prep Da	te: 8/16/20	12	RunNo: 536	6	
Client ID: LCSS	Batch ID: 2984					Analysis Da	te: 8/17/20	12	SeqNo: 105	202	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	1.06	0.0800	1.000	0	106	70	130				
Bromoform	0.973	0.0200	1.000	0	97.3	70.9	147				
1,1,2,2-Tetrachloroethane	0.875	0.0200	1.000	0	87.5	61.9	136				
n-Propylbenzene	1.04	0.0200	1.000	0	104	70	130				
Bromobenzene	1.05	0.0300	1.000	0	105	52.7	146				
1,3,5-Trimethylbenzene	1.04	0.0200	1.000	0	104	70	130				
2-Chlorotoluene	0.964	0.0200	1.000	0	96.4	70	130				
4-Chlorotoluene	1.03	0.0200	1.000	0	103	70	130				
tert-Butylbenzene	1.05	0.0200	1.000	0	105	70	130				
1,2,3-Trichloropropane	0.895	0.0200	1.000	0	89.5	61.7	138				
1,2,4-Trichlorobenzene	1.06	0.0500	1.000	0	106	57.5	138				
sec-Butylbenzene	1.00	0.0200	1.000	0	100	70	130				
4-Isopropyltoluene	1.06	0.0200	1.000	0	106	52	149				
1,3-Dichlorobenzene	1.13	0.0200	1.000	0	113	70	130				
1,4-Dichlorobenzene	1.07	0.0200	1.000	0	107	70	130				
n-Butylbenzene	1.09	0.0200	1.000	0	109	59.2	136				
1,2-Dichlorobenzene	1.09	0.0200	1.000	0	109	70	130				
1,2-Dibromo-3-chloropropane	0.975	0.0300	1.000	0	97.5	60.6	137				
1,2,4-Trimethylbenzene	0.995	0.0200	1.000	0	99.5	70	130				
Hexachlorobutadiene	0.942	0.100	1.000	0	94.2	54.7	137				
Naphthalene	0.999	0.0300	1.000	0	99.9	53.2	136				
1,2,3-Trichlorobenzene	0.932	0.0200	1.000	0	93.2	51	140				
Surr: 1-Bromo-4-fluorobenzene	0.512		0.5000		102	63.1	141				
Surr: Dibromofluoromethane	0.496		0.5000		99.2	67.6	119				
Surr: Toluene-d8	0.500		0.5000		99.9	78.5	126				

Qualifiers: B Analyte detecter H Holding times t

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

D Dilution was required

J Analyte detected below quantitation limits

RL Reporting Limit

E Value above quantitation range

ND Not detected at the Reporting Limit





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-2984	SampType: MBLK			Units: mg/Kg		Prep Dat	e: 8/16/20	12	RunNo: 536	6	
Client ID: MBLKS	Batch ID: 2984					Analysis Dat	e: 8/17/20	12	SeqNo: 105	5203	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution wa	is required			E Valu	e above quantitation ra	nge		
H Holding times for prepa	aration or analysis exceeded		J Analyte de	tected below quantitation lin	nits		ND Not o	letected at the Reporti	ng Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



QC SUMMARY REPORT

8260

Qual



1208075

Work Order:

CLIENT:PES EnviroProject:Former Pa	onmental, Inc. ce Kirkland					Volatil	e Organ	ic Compou	nds by EP	A Method
Sample ID: MB-2984	SampType: MBLK			Units: mg/Kg		Prep Da	ite: 8/16/20	12	RunNo: 536	66
Client ID: MBLKS	Batch ID: 2984					Analysis Da	ite: 8/17/20	12	SeqNo: 10	5203
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Dibromochloromethane	ND	0.0300								
1,2-Dibromoethane (EDB)	ND	0.00500								
Chlorobenzene	ND	0.0200								
1,1,1,2-Tetrachloroethane	ND	0.0300								
Ethylbenzene	ND	0.0300								
m,p-Xylene	ND	0.0200								
o-Xylene	ND	0.0200								
Styrene	ND	0.0200								
Isopropylbenzene	ND	0.0800								
Bromoform	ND	0.0200								
1,1,2,2-Tetrachloroethane	ND	0.0200								
n-Propylbenzene	ND	0.0200								
Bromobenzene	ND	0.0300								
1,3,5-Trimethylbenzene	ND	0.0200								
2-Chlorotoluene	ND	0.0200								
4-Chlorotoluene	ND	0.0200								
tert-Butylbenzene	ND	0.0200								
1,2,3-Trichloropropane	ND	0.0200								
1,2,4-Trichlorobenzene	ND	0.0500								
sec-Butylbenzene	ND	0.0200								
4-Isopropyltoluene	ND	0.0200								
1,3-Dichlorobenzene	ND	0.0200								
1,4-Dichlorobenzene	ND	0.0200								
n-Butylbenzene	ND	0.0200								
1,2-Dichlorobenzene	ND	0.0200								
1,2-Dibromo-3-chloropropane	ND	0.0300								
1.2.4-Trimethylbenzene	ND	0.0200								
Hexachlorobutadiene	ND	0.100								
Naphthalene	ND	0.0300								

Qualifiers: B Ana

н

- Analyte detected in the associated Method Blank
- D Dilution was required

Reporting Limit

RL

Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

J Analyte detected below quantitation limits

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Work Order:	1208075									00 9			
CLIENT:	PES Enviror	nmental, Inc	C .										
Project:	Former Pace	e Kirkland						Volatil	e Organ	ic Compoui	nds by EP	A Metho	d 8260
Sample ID: MB-29	84	SampType:	MBLK			Units: mg/K	g	Prep Da	nte: 8/16/20	12	RunNo: 536	6	
Client ID: MBLK	S	Batch ID:	2984					Analysis Da	ite: 8/17/20	12	SeqNo: 105	5203	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenz	ene		ND	0.0200									
Surr: 1-Bromo-4-	fluorobenzene	(0.488		0.5000		97.7	63.1	141				
Surr: Dibromoflue	oromethane		0.452		0.5000		90.4	67.6	119				
Surr: Toluene-d8	i		0.499		0.5000		99.7	78.5	126				
Sample ID: 120807	75-018ADUP	SampType:	DUP			Units: mg/K	g-dry	Prep Da	ite: 8/16/20	12	RunNo: 536	69	
Client ID: GP-17-	-28	Batch ID:	2985					Analysis Da	ite: 8/17/20	12	SeqNo: 105	5227	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromet	hane (CFC-12)		ND	0.0812						0	0	30	
Chloromethane			ND	0.0812						0	0	30	
Vinyl chloride			ND	0.00271						0	0	30	
Bromomethane			ND	0.122						0	0	30	
Trichlorofluorometh	ane (CFC-11)		ND	0.0676						0	0	30	
Chloroethane			ND	0.0812						0	0	30	
1,1-Dichloroethene			ND	0.0676						0	0	30	
Methylene chloride			ND	0.0271						0	0	30	
trans-1,2-Dichloroet	thene		ND	0.0271						0	0	30	
Methyl tert-butyl eth	er (MTBE)		ND	0.0676						0	0	30	
1,1-Dichloroethane			ND	0.0271						0	0	30	
2,2-Dichloropropane	e		ND	0.0676						0	0	30	
cis-1,2-Dichloroethe	ene		ND	0.0271						0	0	30	
Chloroform			ND	0.0271						0	0	30	
1,1,1-Trichloroethar	ne (TCA)		ND	0.0271						0	0	30	
1,1-Dichloropropene	e		ND	0.0271						0	0	30	
Carbon tetrachloride	е		ND	0.0271						0	0	30	
1,2-Dichloroethane	(EDC)		ND	0.0406						0	0	30	
Benzene			ND	0.0271						0	0	30	

Analyte detected in the associated Method Blank Qualifiers: в

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R

Dilution was required D

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Analyte detected below quantitation limits

Value above quantitation range Е

ND

J

Reporting Limit RL

Not detected at the Reporting Limit s Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208075-018ADUP	SampType: DUP			Units: mg/Kg	-dry	Prep Da	te: 8/16/20	12	RunNo: 536	59	
Client ID: GP-17-28	Batch ID: 2985					Analysis Da	te: 8/17/20	12	SeqNo: 105	5227	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	0.0406						0	0	30	
1,2-Dichloropropane	ND	0.0271						0	0	30	
Bromodichloromethane	ND	0.0271						0	0	30	
Dibromomethane	ND	0.0541						0	0	30	
cis-1,3-Dichloropropene	ND	0.0271						0	0	30	
Toluene	ND	0.0271						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0406						0	0	30	
1,1,2-Trichloroethane	ND	0.0406						0	0	30	
1,3-Dichloropropane	ND	0.0676						0	0	30	
Tetrachloroethene (PCE)	ND	0.0271						0	0	30	
Dibromochloromethane	ND	0.0406						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00676						0	0	30	
Chlorobenzene	ND	0.0271						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0406						0	0	30	
Ethylbenzene	ND	0.0406						0	0	30	
m,p-Xylene	ND	0.0271						0	0	30	
o-Xylene	ND	0.0271						0	0	30	
Styrene	ND	0.0271						0	0	30	
Isopropylbenzene	ND	0.108						0	0	30	
Bromoform	ND	0.0271						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0271						0	0	30	
n-Propylbenzene	ND	0.0271						0	0	30	
Bromobenzene	ND	0.0406						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0271						0	0	30	
2-Chlorotoluene	ND	0.0271						0	0	30	
4-Chlorotoluene	ND	0.0271						0	0	30	
tert-Butylbenzene	ND	0.0271						0	0	30	
1,2,3-Trichloropropane	ND	0.0271						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0676						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required	insite		E Value	above quantitation rai	nge		

R RPD outside accepted recovery limits

RL Reporting Limit



CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Project: Former Pac	e Kirkland					volatil	e Organ		nas by EP	A Metho	a 8260
Sample ID: 1208075-018ADUP	SampType: DUP			Units: mg/l	Kg-dry	Prep Da	te: 8/16/20	12	RunNo: 53	69	
Client ID: GP-17-28	Batch ID: 2985					Analysis Da	te: 8/17/20	12	SeqNo: 10	5227	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.0271						0	0	30	
4-Isopropyltoluene	ND	0.0271						0	0	30	
1,3-Dichlorobenzene	ND	0.0271						0	0	30	
1,4-Dichlorobenzene	ND	0.0271						0	0	30	
n-Butylbenzene	ND	0.0271						0	0	30	
1,2-Dichlorobenzene	ND	0.0271						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0406						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0271						0	0	30	
Hexachlorobutadiene	ND	0.135						0	0	30	
Naphthalene	ND	0.0406						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0271						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.637		0.6399		99.6	63.1	141		0		
Surr: Dibromofluoromethane	0.647		0.6399		101	67.6	119		0		
Surr: Toluene-d8	0.698		0.6399		109	78.5	126		0		
Sample ID: 1208084-035AMS	SampType: MS			Units: mg/l	Kg-dry	Prep Da	te: 8/16/20	12	RunNo: 53	69	
Client ID: BATCH	Batch ID: 2985					Analysis Da	te: 8/17/20	12	SeqNo: 10	5234	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.16	0.0850	1.417	0	82.1	43.5	121				
Chloromethane	1.16	0.0850	1.417	0	82.2	45	130				
Vinyl chloride	1.28	0.00283	1.417	0	90.2	51.2	146				
Bromomethane	0.779	0.128	1.417	0	55.0	70	130				S
Trichlorofluoromethane (CFC-11)	0.368	0.0709	1.417	0	26.0	52.2	132				S
Chloroethane	0.442	0.0850	1.417	0	31.2	43.8	117				S
1,1-Dichloroethene	0.624	0.0709	1.417	0	44.1	61.9	141				S
Methylene chloride	0.762	0.0283	1.417	0	53.8	54.7	142				S
trans-1,2-Dichloroethene	1.07	0.0283	1.417	0	75.4	52	136				
Qualifiers: B Analyte detected in t	he associated Method Blank		D Dilution wa	as required			E Value	e above quantitation ra	ange		
H Holding times for pre	eparation or analysis exceeded		J Analyte de	tected below quantitation	on limits		ND Not d	letected at the Report	ing Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



CLIENT: PES Environmental, Inc.

Project: Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-035AMS	SampType: MS			Units: mg/K	g-dry	Prep Da	ite: 8/16/20	12	RunNo: 536	69	
Client ID: BATCH	Batch ID: 2985					Analysis Da	te: 8/17/20	12	SeqNo: 10	5234	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.964	0.0709	1.417	0	68.0	54.4	132				
1,1-Dichloroethane	1.05	0.0283	1.417	0	74.4	51.8	141				
2,2-Dichloropropane	1.48	0.0709	1.417	0	105	36	123				
cis-1,2-Dichloroethene	1.29	0.0283	1.417	0	91.3	58.6	136				
Chloroform	1.24	0.0283	1.417	0	87.8	53.2	129				
1,1,1-Trichloroethane (TCA)	1.28	0.0283	1.417	0	90.1	58.3	145				
1,1-Dichloropropene	1.28	0.0283	1.417	0	90.7	55.1	138				
Carbon tetrachloride	1.31	0.0283	1.417	0	92.6	53.3	144				
1,2-Dichloroethane (EDC)	1.09	0.0425	1.417	0	76.7	51.3	139				
Benzene	1.23	0.0283	1.417	0	86.8	63.5	133				
Trichloroethene (TCE)	1.29	0.0425	1.417	0	91.1	68.6	132				
1,2-Dichloropropane	1.28	0.0283	1.417	0	90.4	59	136				
Bromodichloromethane	1.21	0.0283	1.417	0	85.1	50.7	141				
Dibromomethane	1.20	0.0567	1.417	0	84.8	50.6	137				
cis-1,3-Dichloropropene	0.825	0.0283	1.417	0	58.3	52.3	129				
Toluene	1.32	0.0283	1.417	0	93.5	67.8	129				
trans-1,3-Dichloropropylene	0.825	0.0425	1.417	0	58.3	52.2	138				
1,1,2-Trichloroethane	1.28	0.0425	1.417	0	90.6	51.6	137				
1,3-Dichloropropane	1.24	0.0709	1.417	0	87.6	53.1	134				
Tetrachloroethene (PCE)	1.25	0.0283	1.417	0	88.5	44.1	141				
Dibromochloromethane	1.19	0.0425	1.417	0	84.2	55.3	140				
1,2-Dibromoethane (EDB)	1.28	0.00709	1.417	0	90.6	50.4	136				
Chlorobenzene	1.38	0.0283	1.417	0	97.6	60	133				
1,1,1,2-Tetrachloroethane	1.38	0.0425	1.417	0	97.3	53.1	142				
Ethylbenzene	1.37	0.0425	1.417	0	96.8	54.5	134				
m,p-Xylene	2.58	0.0283	2.834	0	91.1	53.1	132				
o-Xylene	1.34	0.0283	1.417	0	94.5	53.3	139				
Styrene	1.32	0.0283	1.417	0	92.9	51.1	132				
Isopropylbenzene	1.41	0.113	1.417	0	99.3	58.9	138				
Qualifiers: B Analyte detected in	the associated Method Blank		D Dilution wa	as required			E Value	above quantitation ra	ange		

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R

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Analyte detected below quantitation limits J

ND Not detected at the Reporting Limit

Reporting Limit

RL



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-035AMS	SampType: MS			Units: mg/	Kg-dry	Prep Da	te: 8/16/20	12	RunNo: 536	69	
Client ID: BATCH	Batch ID: 2985					Analysis Da	te: 8/17/20	12	SeqNo: 105	5234	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	1.20	0.0283	1.417	0	84.6	57.9	130				
1,1,2,2-Tetrachloroethane	1.24	0.0283	1.417	0	87.8	51.9	131				
n-Propylbenzene	1.27	0.0283	1.417	0	89.5	53.6	140				
Bromobenzene	1.41	0.0425	1.417	0	99.2	54.2	140				
1,3,5-Trimethylbenzene	1.31	0.0283	1.417	0	92.2	51.8	136				
2-Chlorotoluene	1.23	0.0283	1.417	0	86.9	51.6	136				
4-Chlorotoluene	1.30	0.0283	1.417	0	91.6	50.1	139				
tert-Butylbenzene	1.60	0.0283	1.417	0	113	50.5	135				
1,2,3-Trichloropropane	1.22	0.0283	1.417	0	86.3	50.5	131				
1,2,4-Trichlorobenzene	1.19	0.0709	1.417	0	84.1	50.8	130				
sec-Butylbenzene	1.39	0.0283	1.417	0	98.1	52.6	141				
4-Isopropyltoluene	1.43	0.0283	1.417	0	101	52.9	134				
1,3-Dichlorobenzene	1.22	0.0283	1.417	0	86.4	52.6	131				
1,4-Dichlorobenzene	1.22	0.0283	1.417	0	86.4	52.9	129				
n-Butylbenzene	1.20	0.0283	1.417	0	84.6	52.6	130				
1,2-Dichlorobenzene	1.14	0.0283	1.417	0	80.4	55.8	129				
1,2-Dibromo-3-chloropropane	0.859	0.0425	1.417	0	60.7	53	129				
1,2,4-Trimethylbenzene	1.35	0.0283	1.417	0	95.6	50.6	137				
Hexachlorobutadiene	1.21	0.142	1.417	0	85.3	51.5	130				
Naphthalene	1.06	0.0425	1.417	0	75.0	52.3	124				
1,2,3-Trichlorobenzene	1.16	0.0283	1.417	0	81.7	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.708		0.7086		99.9	63.1	141				
Surr: Dibromofluoromethane	0.658		0.7086		92.8	67.6	119				
Surr: Toluene-d8	0.718		0.7086		101	78.5	126				

NOTES:

S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Qualifiers: B

н

Analyte detected in the associated Method Blank

D Dilution was required

- Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



1208075

PES Environmental, Inc.

Former Pace Kirkland

Work Order:

CLIENT:

Project:

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-2985	SampType: LCS			Units: mg/Kg		Prep Date	e: 8/16/20	12	RunNo: 536	9	
Client ID: LCSS	Batch ID: 2985					Analysis Date	e: 8/17/20	12	SeqNo: 105	235	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.944	0.0600	1.000	0	94.4	41.5	132				
Chloromethane	0.940	0.0600	1.000	0	94.0	52.3	129				
Vinyl chloride	1.04	0.00200	1.000	0	104	51.1	134				
Bromomethane	1.06	0.0900	1.000	0	106	54.6	148				
Trichlorofluoromethane (CFC-11)	1.12	0.0500	1.000	0	112	59.7	131				
Chloroethane	1.14	0.0600	1.000	0	114	53.9	135				
1,1-Dichloroethene	1.13	0.0500	1.000	0	113	58	139				
Methylene chloride	1.11	0.0200	1.000	0	111	58.7	141				
trans-1,2-Dichloroethene	1.14	0.0200	1.000	0	114	70	130				
Methyl tert-butyl ether (MTBE)	1.11	0.0500	1.000	0	111	70	130				
1,1-Dichloroethane	1.13	0.0200	1.000	0	113	67.6	127				
2,2-Dichloropropane	0.911	0.0500	1.000	0	91.1	40.1	133				
cis-1,2-Dichloroethene	1.18	0.0200	1.000	0	118	70	130				
Chloroform	1.14	0.0200	1.000	0	114	64	127				
1,1,1-Trichloroethane (TCA)	1.11	0.0200	1.000	0	111	68.9	132				
1,1-Dichloropropene	1.12	0.0200	1.000	0	112	70	130				
Carbon tetrachloride	1.21	0.0200	1.000	0	121	56.3	141				
1,2-Dichloroethane (EDC)	1.06	0.0300	1.000	0	106	69.4	131				
Benzene	1.03	0.0200	1.000	0	103	72.3	125				
Trichloroethene (TCE)	1.22	0.0300	1.000	0	122	73.5	130				
1,2-Dichloropropane	1.12	0.0200	1.000	0	112	70	130				
Bromodichloromethane	1.12	0.0200	1.000	0	112	70	130				
Dibromomethane	1.12	0.0400	1.000	0	112	70	130				
cis-1,3-Dichloropropene	0.840	0.0200	1.000	0	84.0	58.7	141				
Toluene	1.10	0.0200	1.000	0	110	73.6	126				
trans-1,3-Dichloropropylene	0.840	0.0300	1.000	0	84.0	55.3	142				
1,1,2-Trichloroethane	1.10	0.0300	1.000	0	110	70	130				
1,3-Dichloropropane	1.08	0.0500	1.000	0	108	70	130				
Tetrachloroethene (PCE)	1.31	0.0200	1.000	0	131	55.2	151				

Analyte detected in the associated Method Blank Qualifiers: В

R

Dilution was required

J

Analyte detected below quantitation limits

Value above quantitation range Е

н Holding times for preparation or analysis exceeded RPD outside accepted recovery limits

RL Reporting Limit

D

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-2985	SampType: LCS			Units: mg/Kg		Prep Dat	te: 8/16/20	12	RunNo: 536	59	
Client ID: LCSS	Batch ID: 2985					Analysis Dat	te: 8/17/20	12	SeqNo: 10	5235	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.18	0.0300	1.000	0	118	71.5	142				
1,2-Dibromoethane (EDB)	1.12	0.00500	1.000	0	112	70	130				
Chlorobenzene	1.13	0.0200	1.000	0	113	74.2	122				
1,1,1,2-Tetrachloroethane	1.22	0.0300	1.000	0	122	70	130				
Ethylbenzene	1.21	0.0300	1.000	0	121	70	130				
m,p-Xylene	2.17	0.0200	2.000	0	108	70	130				
o-Xylene	1.17	0.0200	1.000	0	117	70	130				
Styrene	1.21	0.0200	1.000	0	121	70	130				
Isopropylbenzene	1.17	0.0800	1.000	0	117	70	130				
Bromoform	1.18	0.0200	1.000	0	118	70.9	147				
1,1,2,2-Tetrachloroethane	1.03	0.0200	1.000	0	103	61.9	136				
n-Propylbenzene	1.06	0.0200	1.000	0	106	70	130				
Bromobenzene	1.23	0.0300	1.000	0	123	52.7	146				
1,3,5-Trimethylbenzene	1.07	0.0200	1.000	0	107	70	130				
2-Chlorotoluene	1.07	0.0200	1.000	0	107	70	130				
4-Chlorotoluene	1.08	0.0200	1.000	0	108	70	130				
tert-Butylbenzene	1.10	0.0200	1.000	0	110	70	130				
1,2,3-Trichloropropane	1.14	0.0200	1.000	0	114	61.7	138				
1,2,4-Trichlorobenzene	1.11	0.0500	1.000	0	111	57.5	138				
sec-Butylbenzene	1.17	0.0200	1.000	0	117	70	130				
4-Isopropyltoluene	1.18	0.0200	1.000	0	118	52	149				
1,3-Dichlorobenzene	1.10	0.0200	1.000	0	110	70	130				
1,4-Dichlorobenzene	1.10	0.0200	1.000	0	110	70	130				
n-Butylbenzene	1.05	0.0200	1.000	0	105	59.2	136				
1,2-Dichlorobenzene	1.08	0.0200	1.000	0	108	70	130				
1,2-Dibromo-3-chloropropane	0.970	0.0300	1.000	0	97.0	60.6	137				
1,2,4-Trimethylbenzene	1.21	0.0200	1.000	0	121	70	130				
Hexachlorobutadiene	1.07	0.100	1.000	0	107	54.7	137				
Naphthalene	1.09	0.0300	1.000	0	109	53.2	136				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution was	required			E Value	above quantitation ra	nge		

Н Holding times for preparation or analysis exceeded

Analyte detected below quantitation limits J

ND Not detected at the Reporting Limit

R RPD outside accepted recovery limits

Reporting Limit RL


Work Order: 1208075						QC	SUMMARY REPORT
CLIENT: PES Enviro	onmental, Inc.					Volatile Organic Compo	unds by EPA Method 8260
Project: Former Pac	ce Kirkland						
Sample ID: LCS-2985	SampType: LCS			Units: mg/Kg		Prep Date: 8/16/2012	RunNo: 5369
Client ID: LCSS	Batch ID: 2985					Analysis Date: 8/17/2012	SeqNo: 105235
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Va	I %RPD RPDLimit Qual
1,2,3-Trichlorobenzene	1.17	0.0200	1.000	0	117	51 140	
Surr: 1-Bromo-4-fluorobenzene	0.492		0.5000		98.3	63.1 141	
Surr: Dibromofluoromethane	0.480		0.5000		96.0	67.6 119	
Surr: Toluene-d8	0.511		0.5000		102	78.5 126	
Sample ID: MB-2985	SampType: MBLK			Units: mg/Kg		Prep Date: 8/16/2012	RunNo: 5369
Client ID: MBLKS	Batch ID: 2985					Analysis Date: 8/17/2012	SeqNo: 105236
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Va	%RPD RPDLimit Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600					
Chloromethane	ND	0.0600					
Vinyl chloride	ND	0.00200					
Bromomethane	ND	0.0900					
Trichlorofluoromethane (CFC-11)	ND	0.0500					
Chloroethane	ND	0.0600					
1,1-Dichloroethene	ND	0.0500					
Methylene chloride	ND	0.0200					
trans-1,2-Dichloroethene	ND	0.0200					
Methyl tert-butyl ether (MTBE)	ND	0.0500					
1,1-Dichloroethane	ND	0.0200					
2,2-Dichloropropane	ND	0.0500					
cis-1,2-Dichloroethene	ND	0.0200					
Chloroform	ND	0.0200					
1,1,1-Trichloroethane (TCA)	ND	0.0200					
1,1-Dichloropropene	ND	0.0200					
Carbon tetrachloride	ND	0.0200					
1,2-Dichloroethane (EDC)	ND	0.0300					
Benzene	ND	0.0200					

Qualifiers: B Analyte detected in the associated Method Blank

н

D Dilution was required

Reporting Limit

RL

Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

J Analyte detected below quantitation limits

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits





1208075

Work Order:

CLIENT:PES EnviProject:Former P	ironmental, Inc. ace Kirkland					Volatil	e Organ	ic Compou	nds by EP	A Metho
Sample ID: MB-2985	SampType: MBLK			Units: mg/Kg		Prep Da	ite: 8/16/20	12	RunNo: 536	9
Client ID: MBLKS	Batch ID: 2985					Analysis Da	ite: 8/17/20	12	SeqNo: 105	236
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Trichloroethene (TCE)	ND	0.0300								
1,2-Dichloropropane	ND	0.0200								
Bromodichloromethane	ND	0.0200								
Dibromomethane	ND	0.0400								
cis-1,3-Dichloropropene	ND	0.0200								
Toluene	ND	0.0200								
trans-1,3-Dichloropropylene	ND	0.0300								
1,1,2-Trichloroethane	ND	0.0300								
1,3-Dichloropropane	ND	0.0500								
Tetrachloroethene (PCE)	ND	0.0200								
Dibromochloromethane	ND	0.0300								
1,2-Dibromoethane (EDB)	ND	0.00500								
Chlorobenzene	ND	0.0200								
1,1,1,2-Tetrachloroethane	ND	0.0300								
Ethylbenzene	ND	0.0300								
m,p-Xylene	ND	0.0200								
o-Xylene	ND	0.0200								
Styrene	ND	0.0200								
Isopropylbenzene	ND	0.0800								
Bromoform	ND	0.0200								
1,1,2,2-Tetrachloroethane	ND	0.0200								
n-Propylbenzene	ND	0.0200								
Bromobenzene	ND	0.0300								
1,3,5-Trimethylbenzene	ND	0.0200								
2-Chlorotoluene	ND	0.0200								
4-Chlorotoluene	ND	0.0200								
tert-Butylbenzene	ND	0.0200								
1,2,3-Trichloropropane	ND	0.0200								
1,2,4-Trichlorobenzene	ND	0.0500								

QC SUMMARY REPORT

Qual

nod 8260

Analyte detected in the associated Method Blank В Qualifiers:

D Dilution was required

RL

н Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

- J Analyte detected below quantitation limits
 - Reporting Limit

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- s Spike recovery outside accepted recovery limits



CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Project: Former Pace	e Kirkland						Volatile	e Organ	iic Compoui	nas by EP	A Metho	d 8260
Sample ID: MB-2985	SampType	MBLK			Units: mg/Kg		Prep Dat	te: 8/16/2	012	RunNo: 536	59	
Client ID: MBLKS	Batch ID:	2985					Analysis Dat	te: 8/17/2	012	SeqNo: 105	5236	
Analyte	F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene		ND	0.0200									
4-Isopropyltoluene		ND	0.0200									
1,3-Dichlorobenzene		ND	0.0200									
1,4-Dichlorobenzene		ND	0.0200									
n-Butylbenzene		ND	0.0200									
1,2-Dichlorobenzene		ND	0.0200									
1,2-Dibromo-3-chloropropane		ND	0.0300									
1,2,4-Trimethylbenzene		ND	0.0200									
Hexachlorobutadiene		ND	0.100									
Naphthalene		ND	0.0300									
1,2,3-Trichlorobenzene		ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene		0.479		0.5000		95.7	63.1	141				
Surr: Dibromofluoromethane		0.465		0.5000		93.0	67.6	119				
Surr: Toluene-d8		0.518		0.5000		104	78.5	126				
Sample ID: 1208075-006ADUP	SampType	DUP			Units: mg/Kg-	dry	Prep Dat	te: 8/16/2	012	RunNo: 536	6	
Client ID: GP-18-27	Batch ID:	2984					Analysis Dat	te: 8/17/2	012	SeqNo: 105	5389	
Analyte	F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)		ND	0.0620						0	0	30	
Chloromethane		ND	0.0620						0	0	30	
Vinvl chloride		ND	0.00207						0	0	30	
Bromomethane		ND	0.0929						0	0	30	
Trichlorofluoromethane (CFC-11)		ND	0.0516						0	0	30	
Chloroethane		ND	0.0620						0	0	30	
1,1-Dichloroethene		ND	0.0516						0	0	30	
Methylene chloride		ND	0.0207						0	0	30	
trans-1,2-Dichloroethene		ND	0.0207						0	0	30	
Qualifiers: B Analyte detected in the	ne associated Meth	hod Blank		D Dilution wa	as required			E Valu	e above quantitation ra	ange		
H Holding times for pre	paration or analysi	is exceeded		J Analyte de	tected below quantitation lim	nits		ND Not	detected at the Reporti	ing Limit		
R RPD outside accepte	d recovery limits			RL Reporting	Limit			S Spik	e recovery outside acc	epted recovery limit	s	
												Pa



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208075-006ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/16/20	12	RunNo: 530	66	
Client ID: GP-18-27	Batch ID: 2984					Analysis Da	te: 8/17/20	12	SeqNo: 10	5389	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.0516						0	0	30	
1,1-Dichloroethane	ND	0.0207						0	0	30	
2,2-Dichloropropane	ND	0.0516						0	0	30	
cis-1,2-Dichloroethene	ND	0.0207						0	0	30	
Chloroform	ND	0.0207						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0207						0	0	30	
1,1-Dichloropropene	ND	0.0207						0	0	30	
Carbon tetrachloride	ND	0.0207						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0310						0	0	30	
Benzene	ND	0.0207						0	0	30	
Trichloroethene (TCE)	ND	0.0310						0	0	30	
1,2-Dichloropropane	ND	0.0207						0	0	30	
Bromodichloromethane	ND	0.0207						0	0	30	
Dibromomethane	ND	0.0413						0	0	30	
cis-1,3-Dichloropropene	ND	0.0207						0	0	30	
Toluene	ND	0.0207						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0310						0	0	30	
1,1,2-Trichloroethane	ND	0.0310						0	0	30	
1,3-Dichloropropane	ND	0.0516						0	0	30	
Tetrachloroethene (PCE)	ND	0.0207						0	0	30	
Dibromochloromethane	ND	0.0310						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00516						0	0	30	
Chlorobenzene	ND	0.0207						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0310						0	0	30	
Ethylbenzene	ND	0.0310						0	0	30	
m,p-Xylene	ND	0.0207						0	0	30	
o-Xylene	ND	0.0207						0	0	30	
Styrene	ND	0.0207						0	0	30	
Isopropylbenzene	ND	0.0826						0	0	30	
Qualifiers: B Analyte detected in the	ne associated Method Blank		D Dilution wa	as required			E Value	above quantitation rai	nge		
H Holding times for pre	paration or analysis exceeded		J Analyte de	tected below quantitation	n limits		ND Not d	etected at the Reportir	ng Limit		

R RPD outside accepted recovery limits

liyte pelow quantitation

RL Reporting Limit

ot detected at the kepoπing



Project:

CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208075-006ADUP	SampType: DUP			Units: mg/k	(g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	6	
Client ID: GP-18-27	Batch ID: 2984					Analysis Dat	te: 8/17/20	12	SeqNo: 105	389	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	0.0207						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0207						0	0	30	
n-Propylbenzene	ND	0.0207						0	0	30	
Bromobenzene	ND	0.0310						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0207						0	0	30	
2-Chlorotoluene	ND	0.0207						0	0	30	
4-Chlorotoluene	ND	0.0207						0	0	30	
tert-Butylbenzene	ND	0.0207						0	0	30	
1,2,3-Trichloropropane	ND	0.0207						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0516						0	0	30	
sec-Butylbenzene	ND	0.0207						0	0	30	
4-Isopropyltoluene	ND	0.0207						0	0	30	
1,3-Dichlorobenzene	ND	0.0207						0	0	30	
1,4-Dichlorobenzene	ND	0.0207						0	0	30	
n-Butylbenzene	ND	0.0207						0	0	30	
1,2-Dichlorobenzene	ND	0.0207						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0310						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0207						0	0	30	
Hexachlorobutadiene	ND	0.103						0	0	30	
Naphthalene	ND	0.0310						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0207						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.507		0.5164		98.1	63.1	141		0		
Surr: Dibromofluoromethane	0.440		0.5164		85.2	67.6	119		0		
Surr: Toluene-d8	0.517		0.5164		100	78.5	126		0		

- Qualifiers: B
- Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-019ADUP	SampType: DUP			Units: mg/Kg	g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	<u>;</u> 9	
Client ID: BATCH	Batch ID: 2985					Analysis Da	te: 8/21/20	12	SeqNo: 105	5776	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0720						0	0	30	
Chloromethane	ND	0.0720						0	0	30	
Vinyl chloride	ND	0.00240						0	0	30	
Bromomethane	ND	0.108						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0600						0	0	30	
Chloroethane	ND	0.0720						0	0	30	
1,1-Dichloroethene	ND	0.0600						0	0	30	
Methylene chloride	ND	0.0240						0	0	30	
trans-1,2-Dichloroethene	ND	0.0240						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0600						0	0	30	
1,1-Dichloroethane	ND	0.0240						0	0	30	
2,2-Dichloropropane	ND	0.0600						0	0	30	
cis-1,2-Dichloroethene	ND	0.0240						0	0	30	
Chloroform	ND	0.0240						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0240						0	0	30	
1,1-Dichloropropene	ND	0.0240						0	0	30	
Carbon tetrachloride	ND	0.0240						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0360						0	0	30	
Benzene	ND	0.0240						0	0	30	
Trichloroethene (TCE)	ND	0.0360						0	0	30	
1,2-Dichloropropane	ND	0.0240						0	0	30	
Bromodichloromethane	ND	0.0240						0	0	30	*
Dibromomethane	ND	0.0480						0	0	30	
cis-1,3-Dichloropropene	ND	0.0240						0	0	30	
Toluene	ND	0.0240						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0360						0	0	30	
1,1,2-Trichloroethane	ND	0.0360						0	0	30	
1,3-Dichloropropane	ND	0.0600						0	0	30	
Tetrachloroethene (PCE)	ND	0.0240						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	as required			E Value	above quantitation ran	ge		
H Holding times for prepa	aration or analysis exceeded		J Analyte de	tected below quantitation	limits		ND Not d	etected at the Reporting	g Limit		

RL Reporting Limit

R RPD outside accepted recovery limits

еро τing



CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Project: Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-019ADUP	SampType: DUP			Units: mg/k	ر G-dry	Prep Da	ite: 8/16/20	12	RunNo: 536	9	
Client ID: BATCH	Batch ID: 2985					Analysis Da	te: 8/21/20	12	SeqNo: 105	5776	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0360						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00600						0	0	30	
Chlorobenzene	ND	0.0240						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0360						0	0	30	
Ethylbenzene	ND	0.0360						0	0	30	
m,p-Xylene	ND	0.0240						0	0	30	
o-Xylene	ND	0.0240						0	0	30	
Styrene	ND	0.0240						0	0	30	
Isopropylbenzene	ND	0.0960						0	0	30	
Bromoform	ND	0.0240						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0240						0	0	30	
n-Propylbenzene	ND	0.0240						0	0	30	
Bromobenzene	ND	0.0360						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0240						0	0	30	
2-Chlorotoluene	ND	0.0240						0	0	30	
4-Chlorotoluene	ND	0.0240						0	0	30	
tert-Butylbenzene	ND	0.0240						0	0	30	
1,2,3-Trichloropropane	ND	0.0240						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0600						0	0	30	
sec-Butylbenzene	ND	0.0240						0	0	30	
4-Isopropyltoluene	ND	0.0240						0	0	30	
1,3-Dichlorobenzene	ND	0.0240						0	0	30	
1,4-Dichlorobenzene	ND	0.0240						0	0	30	
n-Butylbenzene	ND	0.0240						0	0	30	
1,2-Dichlorobenzene	ND	0.0240						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0360						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0240						0	0	30	
Hexachlorobutadiene	ND	0.120						0	0	30	
Naphthalene	ND	0.0360						0	0	30	
Qualifiers: B Analyte detected in t	the associated Method Blank		D Dilution wa	as required			E Value	e above quantitation rar	nge		
H Holding times for pre	eparation or analysis exceeded		J Analyte de	tected below quantitation	on limits		ND Not d	etected at the Reportin	a Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



Work Order: 1 CLIENT: P Project: F	208075 PES Environn Former Pace	nental, Ir Kirkland	1C.					Volatil	e Organi	QC S	SUMMAI nds by EP	RY REP	PORT d 8260
Sample ID: 1208084-0	019ADUP	SampType	e: DUP			Units: mg	/Kg-dry	Prep Da	te: 8/16/20	12	RunNo: 536	59	
Client ID: BATCH		Batch ID:	2985					Analysis Da	te: 8/21/20	12	SeqNo: 105	5776	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	е		ND	0.0240						0	0	30	
Surr: 1-Bromo-4-fluc	orobenzene		0.609		0.6000		102	63.1	141		0		
Surr: Dibromofluoro	methane		0.596		0.6000		99.4	67.6	119		0		
Surr: Toluene-d8			0.595		0.6000		99.2	78.5	126		0		
NOTES:													
* Flagged value is no	ot within establis	hed control	limits										
Sample ID: 1208127-0	001ADUP	SampType	e: DUP			Units: mg	/Kg-dry	Prep Da	te: 8/24/20	12	RunNo: 551	11	
Client ID: BATCH		Batch ID:	3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	3337	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethar	ne (CFC-12)		ND	0.0638						0	0	30	
Chloromethane			ND	0.0638						0	0	30	
Vinyl chloride			ND	0.00213						0	0	30	
Bromomethane			ND	0.0957						0	0	30	
Trichlorofluoromethane	e (CFC-11)		ND	0.0532						0	0	30	
Chloroethane			ND	0.0638						0	0	30	
1,1-Dichloroethene			ND	0.0532						0	0	30	
Methylene chloride			ND	0.0213						0	0	30	
trans-1,2-Dichloroether	ne		ND	0.0213						0	0	30	
Methyl tert-butyl ether ((MTBE)		ND	0.0532						0	0	30	
1,1-Dichloroethane			ND	0.0213						0	0	30	
2,2-Dichloropropane			ND	0.0532						0	0	30	
cis-1,2-Dichloroethene	•		ND	0.0213						0	0	30	
Chloroform			ND	0.0213						0	0	30	
1,1,1-Trichloroethane ((TCA)		ND	0.0213						0	0	30	
1,1-Dichloropropene			ND	0.0213						0	0	30	
Carbon tetrachloride			ND	0.0213						0	0	30	
1,2-Dichloroethane (EI	DC)		ND	0.0319						0	0	30	

Analyte detected in the associated Method Blank В Qualifiers: н

R

Dilution was required D

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

J

Analyte detected below quantitation limits

Reporting Limit RL

Е Value above quantitation range

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208127-001ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/24/20	12	RunNo: 551	11	
Client ID: BATCH	Batch ID: 3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	3337	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0213						0	0	30	
Trichloroethene (TCE)	ND	0.0319						0	0	30	
1,2-Dichloropropane	ND	0.0213						0	0	30	
Bromodichloromethane	ND	0.0213						0	0	30	
Dibromomethane	ND	0.0425						0	0	30	
cis-1,3-Dichloropropene	ND	0.0213						0	0	30	
Toluene	0.0314	0.0213						0.03083	1.71	30	
trans-1,3-Dichloropropylene	ND	0.0319						0	0	30	
1,1,2-Trichloroethane	ND	0.0319						0	0	30	
1,3-Dichloropropane	ND	0.0532						0	0	30	
Tetrachloroethene (PCE)	ND	0.0213						0	0	30	
Dibromochloromethane	ND	0.0319						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00532						0	0	30	
Chlorobenzene	ND	0.0213						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0319						0	0	30	
Ethylbenzene	ND	0.0319						0	0	30	
m,p-Xylene	ND	0.0213						0	0	30	
o-Xylene	ND	0.0213						0	0	30	
Styrene	ND	0.0213						0	0	30	
Isopropylbenzene	ND	0.0851						0	0	30	
Bromoform	ND	0.0213						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0213						0	0	30	
n-Propylbenzene	0.0250	0.0213						0.02339	6.59	30	
Bromobenzene	ND	0.0319						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0213						0	0	30	
2-Chlorotoluene	ND	0.0213						0	0	30	
4-Chlorotoluene	ND	0.0213						0	0	30	
tert-Butylbenzene	ND	0.0213						0	0	30	
1,2,3-Trichloropropane	ND	0.0213						0	0	30	
Qualifiers: B Analyte detected in the	the associated Method Blank		D Dilution wa	as required			E Value	e above quantitation ra	nge		
H Holding times for pre	eparation or analysis exceeded		J Analyte de	tected below quantitation	n limits		ND Not d	etected at the Reporti	ng Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208127-001ADUP	SampType: D	UP		Units: mg/Kg-dry			Prep Date: 8/24/2012			RunNo: 5511	
Client ID: BATCH	Batch ID: 3	048				Analysis Dat	e: 8/26/20	12	SeqNo: 108	3337	
Analyte	Res	ult RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	Ν	ND 0.0532						0	0	30	
sec-Butylbenzene	Ν	ND 0.0213						0	0	30	
4-Isopropyltoluene	Ν	ND 0.0213						0	0	30	
1,3-Dichlorobenzene	Ν	ND 0.0213						0	0	30	
1,4-Dichlorobenzene	Ν	ND 0.0213						0	0	30	
n-Butylbenzene	0.03	56 0.0213						0.03455	3.03	30	
1,2-Dichlorobenzene	Ν	ND 0.0213						0	0	30	
1,2-Dibromo-3-chloropropane	Ν	ND 0.0319						0	0	30	
1,2,4-Trimethylbenzene	Ν	ND 0.0213						0	0	30	
Hexachlorobutadiene	Ν	ND 0.106						0	0	30	
Naphthalene	Ν	ND 0.0319						0	0	30	
1,2,3-Trichlorobenzene	Ν	ND 0.0213						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.5	79	0.5316		109	63.1	141		0		
Surr: Dibromofluoromethane	0.4	55	0.5316		85.6	67.6	119		0		
Surr: Toluene-d8	0.5	54	0.5316		104	78.5	126		0		
Sample ID: 1208134-001AMS	SampType: M	S		Units: mg/	Kg-dry	Prep Dat	e: 8/24/20	12	RunNo: 551	1	

				enne. mg/i	ug un y	1100 00				•	
Client ID: BATCH	Batch ID: 3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	339	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.698	0.0655	1.092	0	64.0	43.5	121				
Chloromethane	0.738	0.0655	1.092	0	67.6	45	130				
Vinyl chloride	0.492	0.00218	1.092	0	45.1	51.2	146				S
Bromomethane	0.241	0.0983	1.092	0	22.1	70	130				S
Trichlorofluoromethane (CFC-11)	0.693	0.0546	1.092	0	63.5	52.2	132				
Chloroethane	0.608	0.0655	1.092	0	55.7	43.8	117				
1,1-Dichloroethene	0.826	0.0546	1.092	0	75.6	61.9	141				
Methylene chloride	0.765	0.0218	1.092	0	70.0	54.7	142				

Analyte detected in the associated Method Blank Qualifiers: В

R

- Dilution was required D
- Analyte detected below quantitation limits J

Value above quantitation range Е

н Holding times for preparation or analysis exceeded RPD outside accepted recovery limits

RL Reporting Limit ND Not detected at the Reporting Limit s



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208134-001AMS	SampType: MS			Units: mg/K	g-dry	Prep Date: 8/24/20		24/2012 RunNo: 5511		1	
Client ID: BATCH	Batch ID: 3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	3339	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.875	0.0218	1.092	0	80.1	52	136				
Methyl tert-butyl ether (MTBE)	0.822	0.0546	1.092	0	75.3	54.4	132				
1,1-Dichloroethane	0.962	0.0218	1.092	0	88.1	51.8	141				
2,2-Dichloropropane	0.690	0.0546	1.092	0	63.2	36	123				
cis-1,2-Dichloroethene	0.817	0.0218	1.092	0	74.8	58.6	136				
Chloroform	0.767	0.0218	1.092	0	70.3	53.2	129				
1,1,1-Trichloroethane (TCA)	0.882	0.0218	1.092	0	80.8	58.3	145				
1,1-Dichloropropene	0.875	0.0218	1.092	0	80.1	55.1	138				
Carbon tetrachloride	0.880	0.0218	1.092	0	80.6	53.3	144				
1,2-Dichloroethane (EDC)	0.835	0.0328	1.092	0	76.5	51.3	139				
Benzene	0.854	0.0218	1.092	0	78.2	63.5	133				
Trichloroethene (TCE)	0.926	0.0328	1.092	0	84.8	68.6	132				
1,2-Dichloropropane	0.855	0.0218	1.092	0	78.3	59	136				
Bromodichloromethane	0.840	0.0218	1.092	0	76.9	50.7	141				
Dibromomethane	0.804	0.0437	1.092	0	73.7	50.6	137				
cis-1,3-Dichloropropene	0.783	0.0218	1.092	0	71.7	52.3	129				
Toluene	0.839	0.0218	1.092	0	76.9	67.8	129				
trans-1,3-Dichloropropylene	0.761	0.0328	1.092	0	69.7	52.2	138				
1,1,2-Trichloroethane	0.817	0.0328	1.092	0	74.9	51.6	137				
1,3-Dichloropropane	0.793	0.0546	1.092	0	72.6	53.1	134				
Tetrachloroethene (PCE)	0.892	0.0218	1.092	0	81.7	44.1	141				
Dibromochloromethane	0.790	0.0328	1.092	0	72.4	55.3	140				
1,2-Dibromoethane (EDB)	0.805	0.00546	1.092	0	73.7	50.4	136				
Chlorobenzene	0.795	0.0218	1.092	0	72.8	60	133				
1,1,1,2-Tetrachloroethane	0.763	0.0328	1.092	0	69.9	53.1	142				
Ethylbenzene	0.775	0.0328	1.092	0	71.0	54.5	134				
m,p-Xylene	1.54	0.0218	2.184	0	70.7	53.1	132				
o-Xylene	0.777	0.0218	1.092	0	71.1	53.3	139				
Styrene	0.781	0.0218	1.092	0	71.6	51.1	132				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required	limite		E Value	above quantitation ra	inge		

Н Holding times for preparation or analysis exceeded

R

Reporting Limit

RL

RPD outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208134-001AMS	SampType: MS			Units: mg/K	(g-dry	Prep Da	ite: 8/24/20	12	RunNo: 551	1	
Client ID: BATCH	Batch ID: 3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	3339	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	0.815	0.0874	1.092	0	74.6	58.9	138				
Bromoform	0.710	0.0218	1.092	0	65.1	57.9	130				
1,1,2,2-Tetrachloroethane	0.657	0.0218	1.092	0	60.2	51.9	131				
n-Propylbenzene	0.779	0.0218	1.092	0	71.3	53.6	140				
Bromobenzene	0.765	0.0328	1.092	0	70.1	54.2	140				
1,3,5-Trimethylbenzene	0.810	0.0218	1.092	0	74.2	51.8	136				
2-Chlorotoluene	0.793	0.0218	1.092	0	72.6	51.6	136				
4-Chlorotoluene	0.770	0.0218	1.092	0	70.5	50.1	139				
tert-Butylbenzene	0.801	0.0218	1.092	0	73.3	50.5	135				
1,2,3-Trichloropropane	0.744	0.0218	1.092	0	68.2	50.5	131				
1,2,4-Trichlorobenzene	0.722	0.0546	1.092	0	66.2	50.8	130				
sec-Butylbenzene	0.840	0.0218	1.092	0	76.9	52.6	141				
4-Isopropyltoluene	0.816	0.0218	1.092	0	74.7	52.9	134				
1,3-Dichlorobenzene	0.710	0.0218	1.092	0	65.0	52.6	131				
1,4-Dichlorobenzene	0.706	0.0218	1.092	0	64.7	52.9	129				
n-Butylbenzene	0.703	0.0218	1.092	0	64.4	52.6	130				
1,2-Dichlorobenzene	0.718	0.0218	1.092	0	65.8	55.8	129				
1,2-Dibromo-3-chloropropane	0.626	0.0328	1.092	0	57.3	53	129				
1,2,4-Trimethylbenzene	0.803	0.0218	1.092	0	73.6	50.6	137				
Hexachlorobutadiene	0.813	0.109	1.092	0	74.5	51.5	130				
Naphthalene	0.693	0.0328	1.092	0	63.5	52.3	124				
1,2,3-Trichlorobenzene	0.727	0.0218	1.092	0	66.6	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.587		0.5461		108	63.1	141				
Surr: Dibromofluoromethane	0.491		0.5461		89.9	67.6	119				
Surr: Toluene-d8	0.569		0.5461		104	78.5	126				

NOTES:

S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Qualifiers:

В

н

Analyte detected in the associated Method Blank

D Dilution was required

Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

J Analyte detected below quantitation limits

RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



1208075

PES Environmental, Inc.

Former Pace Kirkland

Work Order:

CLIENT:

Project:

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3048	SampType: LCS			Units: mg/Kg		Prep Dat	te: 8/24/201	12	RunNo: 551	1	
Client ID: LCSS	Batch ID: 3048					Analysis Dat	te: 8/26/201	12	SeqNo: 108	355	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.04	0.0600	1.000	0	104	37.7	136				
Chloromethane	1.08	0.0600	1.000	0	108	38.8	132				
Vinyl chloride	1.07	0.00200	1.000	0	107	56.1	130				
Bromomethane	0.876	0.0900	1.000	0	87.6	44.3	149				
Trichlorofluoromethane (CFC-11)	1.27	0.0500	1.000	0	127	61.8	130				
Chloroethane	1.20	0.0600	1.000	0	120	52.2	131				
1,1-Dichloroethene	1.17	0.0500	1.000	0	117	64.6	134				
Methylene chloride	1.18	0.0200	1.000	0	118	60.6	140				
trans-1,2-Dichloroethene	1.10	0.0200	1.000	0	110	68.7	127				
Methyl tert-butyl ether (MTBE)	1.09	0.0500	1.000	0	109	73.4	128				
1,1-Dichloroethane	1.23	0.0200	1.000	0	123	65.5	132				
2,2-Dichloropropane	0.986	0.0500	1.000	0	98.6	28.1	149				
cis-1,2-Dichloroethene	1.14	0.0200	1.000	0	114	71.6	123				
Chloroform	1.15	0.0200	1.000	0	115	67.5	129				
1,1,1-Trichloroethane (TCA)	1.11	0.0200	1.000	0	111	74.4	130				
1,1-Dichloropropene	1.11	0.0200	1.000	0	111	72.7	131				
Carbon tetrachloride	1.05	0.0200	1.000	0	105	73	136				
1,2-Dichloroethane (EDC)	1.10	0.0300	1.000	0	110	68.7	133				
Benzene	1.12	0.0200	1.000	0	112	74.6	124				
Trichloroethene (TCE)	1.15	0.0300	1.000	0	115	71.5	134				
1,2-Dichloropropane	1.14	0.0200	1.000	0	114	72.7	133				
Bromodichloromethane	1.11	0.0200	1.000	0	111	76.1	136				
Dibromomethane	1.12	0.0400	1.000	0	112	70	130				
cis-1,3-Dichloropropene	1.10	0.0200	1.000	0	110	59.1	143				
Toluene	1.11	0.0200	1.000	0	111	81.1	123				
trans-1,3-Dichloropropylene	1.06	0.0300	1.000	0	106	49.2	149				
1,1,2-Trichloroethane	1.10	0.0300	1.000	0	110	74.5	129				
1,3-Dichloropropane	1.09	0.0500	1.000	0	109	70	130				
Tetrachloroethene (PCE)	1.16	0.0200	1.000	0	116	64.4	150				
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nge		

Analyte detected in the associated Method Blank Qualifiers: В

Dilution was required

н Holding times for preparation or analysis exceeded

Analyte detected below quantitation limits J

ND Not detected at the Reporting Limit

R RPD outside accepted recovery limits RL Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3048	SampType: LCS			Units: mg/Kg		Prep Dat	te: 8/24/20	12	RunNo: 551	1	
Client ID: LCSS	Batch ID: 3048					Analysis Dat	te: 8/26/20	12	SeqNo: 108	355	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.10	0.0300	1.000	0	110	70.6	144				
1,2-Dibromoethane (EDB)	1.10	0.00500	1.000	0	110	70	130				
Chlorobenzene	1.05	0.0200	1.000	0	105	76.1	123				
1,1,1,2-Tetrachloroethane	1.04	0.0300	1.000	0	104	74.8	131				
Ethylbenzene	1.05	0.0300	1.000	0	105	74	129				
m,p-Xylene	2.09	0.0200	2.000	0	105	79.8	128				
o-Xylene	1.06	0.0200	1.000	0	106	77.3	128				
Styrene	1.05	0.0200	1.000	0	105	76.8	130				
Isopropylbenzene	1.04	0.0800	1.000	0	104	70	130				
Bromoform	1.02	0.0200	1.000	0	102	67	154				
1,1,2,2-Tetrachloroethane	1.00	0.0200	1.000	0	100	61.9	139				
n-Propylbenzene	1.04	0.0200	1.000	0	104	78	130				
Bromobenzene	1.04	0.0300	1.000	0	104	49.2	144				
1,3,5-Trimethylbenzene	1.07	0.0200	1.000	0	107	79.7	128				
2-Chlorotoluene	1.08	0.0200	1.000	0	108	76.7	129				
4-Chlorotoluene	1.06	0.0200	1.000	0	106	77.5	125				
tert-Butylbenzene	1.02	0.0200	1.000	0	102	74.2	128				
1,2,3-Trichloropropane	1.05	0.0200	1.000	0	105	67.9	136				
1,2,4-Trichlorobenzene	1.01	0.0500	1.000	0	101	65.6	137				
sec-Butylbenzene	1.08	0.0200	1.000	0	108	75.6	133				
4-Isopropyltoluene	1.07	0.0200	1.000	0	107	76.8	131				
1,3-Dichlorobenzene	1.01	0.0200	1.000	0	101	72.8	128				
1,4-Dichlorobenzene	1.03	0.0200	1.000	0	103	72.6	126				
n-Butylbenzene	0.972	0.0200	1.000	0	97.2	65.3	136				
1,2-Dichlorobenzene	1.02	0.0200	1.000	0	102	72.8	126				
1,2-Dibromo-3-chloropropane	1.01	0.0300	1.000	0	101	64.3	135				
1,2,4-Trimethylbenzene	1.07	0.0200	1.000	0	107	77.5	129				
Hexachlorobutadiene	0.961	0.100	1.000	0	96.1	42	151				
Naphthalene	1.01	0.0300	1.000	0	101	64	130				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nge		

Н Holding times for preparation or analysis exceeded J

Reporting Limit

RPD outside accepted recovery limits

R

RL

Analyte detected below quantitation limits

ND Not detected at the Reporting Limit s Spike recovery outside accepted recovery limits

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Work Order: 1208075							QC S	SUMMA	RY REF	'ORT
CLIENT: PES Enviro	nmental, Inc.					Valatila Organia	Compour	nda hv ED	A Matha	4 0260
Project: Former Pac	e Kirkland					volatile Organit	Compou		A Metho	1 020U
Sample ID: LCS-3048	SampType: LCS			Units: mg/Kg		Prep Date: 8/24/201	2	RunNo: 551	1	
Client ID: LCSS	Batch ID: 3048					Analysis Date: 8/26/201	2	SeqNo: 108	355	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	1.00	0.0200	1.000	0	100	62.1 140				
Surr: 1-Bromo-4-fluorobenzene	0.532		0.5000		106	63.1 141				
Surr: Dibromofluoromethane	0.506		0.5000		101	67.6 119				
Surr: Toluene-d8	0.525		0.5000		105	78.5 126				
Sample ID: MB-3048	SampType: MBLK			Units: mg/Kg		Prep Date: 8/24/201	2	RunNo: 551	1	
Client ID: MBLKS	Batch ID: 3048					Analysis Date: 8/26/201	2	SeqNo: 108	356	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600								
Chloromethane	ND	0.0600								
Vinyl chloride	ND	0.00200								
Bromomethane	ND	0.0900								
Trichlorofluoromethane (CFC-11)	ND	0.0500								
Chloroethane	ND	0.0600								
1,1-Dichloroethene	ND	0.0500								
Methylene chloride	ND	0.0200								
trans-1,2-Dichloroethene	ND	0.0200								
Methyl tert-butyl ether (MTBE)	ND	0.0500								
1,1-Dichloroethane	ND	0.0200								
2,2-Dichloropropane	ND	0.0500								
cis-1,2-Dichloroethene	ND	0.0200								
Chloroform	ND	0.0200								
1,1,1-Trichloroethane (TCA)	ND	0.0200								
1,1-Dichloropropene	ND	0.0200								
Carbon tetrachloride	ND	0.0200								
1,2-Dichloroethane (EDC)	ND	0.0300								
Benzene	ND	0.0200								

Qualifiers: B Analyte detected in the associated Method Blank

D Dilution was required

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3048	SampType: MBLK		_	Units: mg/Kg		Prep Date:	8/24/20	12	RunNo: 551	1	
Client ID: MBLKS	Batch ID: 3048					Analysis Date:	8/26/20	12	SeqNo: 108	356	
Analyte	Result	RL S	SPK value	SPK Ref Val	%REC	LowLimit H	ighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND 0.03	300									
1,2-Dichloropropane	ND 0.02	200									
Bromodichloromethane	ND 0.02	200									
Dibromomethane	ND 0.04	100									
cis-1,3-Dichloropropene	ND 0.02	200									
Toluene	ND 0.02	200									
trans-1,3-Dichloropropylene	ND 0.03	300									
1,1,2-Trichloroethane	ND 0.03	300									
1,3-Dichloropropane	ND 0.0	500									
Tetrachloroethene (PCE)	ND 0.02	200									
Dibromochloromethane	ND 0.03	300									
1,2-Dibromoethane (EDB)	ND 0.00	500									
Chlorobenzene	ND 0.02	200									
1,1,1,2-Tetrachloroethane	ND 0.03	300									
Ethylbenzene	ND 0.03	300									
m,p-Xylene	ND 0.02	200									
o-Xylene	ND 0.02	200									
Styrene	ND 0.02	200									
Isopropylbenzene	ND 0.08	300									
Bromoform	ND 0.02	200									
1,1,2,2-Tetrachloroethane	ND 0.02	200									
n-Propylbenzene	ND 0.02	200									
Bromobenzene	ND 0.03	300									
1,3,5-Trimethylbenzene	ND 0.02	200									
2-Chlorotoluene	ND 0.02	200									
4-Chlorotoluene	ND 0.02	200									
tert-Butylbenzene	ND 0.02	200									
1,2,3-Trichloropropane	ND 0.02	200									
1,2,4-Trichlorobenzene	ND 0.05	500									
Qualifiers: B Analyte detected in the	associated Method Blank	D	Dilution was	s required		1	E Value	above quantitation rar	nge		
H Holding times for prepa	ration or analysis exceeded	J	Analyte dete	ected below quantitation lim	its	Ν	ND Not de	etected at the Reportin	ng Limit		
R RPD outside accepted	recovery limits	RL	Reporting L	imit			S Spike	recovery outside acce	pted recovery limits	3	

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Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3048	SampType: MBLK			Units: mg/Kg		Prep Date:	8/24/20	12	RunNo: 551	1	
Client ID: MBLKS	Batch ID: 3048					Analysis Date:	8/26/20	12	SeqNo: 108	3356	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	lighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.510		0.5000		102	63.1	141				
Surr: Dibromofluoromethane	0.466		0.5000		93.1	67.6	119				
Surr: Toluene-d8	0.518		0.5000		104	78.5	126				

Qualifiers: B Analyte detected in the associated Method Blank

- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Clien Logg	nt Name: PES led by: Troy Zehr	Work Order Number: Date Received:	1208075 8/13/2012 3:4	5:00 PM
Cha	ain of Custody			
<u>ona</u>	Were custodial scale present?	Voc.		
۱. م		Vec V		Not Present
۷. ک	How was the sample delivered?	Courier		
э.		Counci		
Log	<u>a In</u>			
4.	Coolers are present?	Yes 🔽	No 🗌	
5.	Was an attempt made to cool the samples?	Yes 🔽	No 🗌	
			_	_
6.	Were all coolers received at a temperature of $>0^{\circ}$ C to 10.0° C	Yes 🗹	No 🗌	
7	Sample(s) in proper container(s)?		No 🗌	
۲. و	Sufficient sample volume for indicated test(s)?	Yes 🗸		
ο. α	Are samples properly preserved?	Yes 🗸		
9. 10	Was preservative added to bottles?	Yes		NA
10.				
11.	Is there headspace present in VOA vials?	Yes	No 🗌	NA 🔽
12.	Did all sample containers arrive in good condition?(unbroken)	Yes 🔽	No 🗌	
13.	Does paperwork match bottle labels?	Yes 🗹	No 🗌	
14.	Are matrices correctly identified on Chain of Custody?	Yes 💌		
15.	Is it clear what analyses were requested?	Yes 💌		
16.	were all holding times able to be met?	Yes 💌		
Sno	ocial Handling (if applicable)			
<u>spe</u>		Vec 🗌		
17.	was client notified of all discrepancies with this order?	Yes 🗆	NO 🗆	NA 💌
	Person Notified: Da	te:		
	By Whom: Via	a: 🗌 eMail 🗌 Pho	ne 🗌 Fax 🗌	In Person
	Regarding:			
	Client Instructions:			

18. Additional remarks/Disrepancies

Item Information

Item #	Temp °C	Condition
Cooler 1	1.9	Good
Cooler 2	2.2	Good



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MEMORANDUM

TO:	Project File	DATE:	September 10, 2012
FROM:	Jerry Harris		
SUBJECT:	Laboratory Data Validation Review		
PROJECT:	Former Pace Facility Kirkland, WA		
PROJECT #:	1006.008.01.003		
TASK:	August 13, 2012 Soil Samples		
LAB:	Fremont Analytical Service Request No. 12	08075	

Soil sampling was conducted at the former Pace facility in Kirkland, Washington on August 13, 2012. Twenty-three soil samples were collected from the site.

Thirteen (13) selected soil samples were analyzed for total petroleum hydrocarbons (TPH) as diesel (fuel oil), diesel range organics (DRO), and heavy oil (HO) by the Northwest TPH-Dx method (NWTPH-Dx), TPH as gasoline by the NWTPH-Gx method, and volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260. The TPH-Dx analyses were performed in two extraction groups (IDs 2968 and 3041); the TPH-Gx analyses were performed in two extraction groups (IDs 5370 and 5384); and the VOC analyses were performed in three extraction groups (2984, 2985, and 3048). Laboratory analytical services were provided by Fremont Analytical (FA) of Seattle, Washington. FA Project number: 1208075.

The quality assurance review of the soil samples data is summarized below.

DATA QUALIFICATIONS

Guidelines established by USEPA for review of analytical data were used to validate the data. The comments presented in this memorandum refer to the laboratory's performance in meeting the quality control criteria outlined in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999).

DATA VALIDATION

Completeness

All samples were collected and analyzed as requested.

Sample Collection and Preservation

The samples were collected in appropriately preserved containers supplied by the analytical laboratory. The laboratory reported that the samples were received in good condition. The laboratory received the samples in two coolers at temperatures of 1.9 and 2.2 degrees centigrade (°C). The latter cooler temperature was within the USEPA recommended temperature range of $4^{\circ} \pm 2^{\circ}$ C. The former cooler temperature was 0.1° C below the recommended range. The samples in both coolers were appropriately preserved with ice and no shipping anomalies were identified by the laboratory. The samples were received by the laboratory on the day of sample collection within 1.75 hrs of the completion of the sample collection effort. Based upon this information, the 0.1° C exceedance in the first cooler is not considered sufficient cause to warrant qualification of the data because the samples were properly preserved and immediately transported directly to the laboratory on the day of sampling. No data qualifications were warranted based upon the laboratory receipt temperatures.

Holding Times

NWTPH-Dx

The extractions and analyses for the NWTPH-Dx method were performed within the recommended 14 day holding time limit for soil samples.

NWTPH-Gx

The extractions and analyses for the NWTPH Gx method were performed within the recommended 14 day holding time limit for soil samples.

USEPA Method 8260

The extractions and analyses for VOCS were performed within the recommended 14 day holding time limit for soil samples.

No data was qualified based upon holding times.

Initial Calibration

Hard copies of the initial calibration data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in initial calibration results associated with the project analyses if they occur. No discrepancies were reported; therefore no data qualifications were required.

Continuing Calibration

Hard copies of the continuing calibration verification (CCV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in continuing calibration results associated with the project analyses. No discrepancies were reported; therefore no data qualifications were required.

Method Blank Results

NWTPH-Dx

Two method blanks were analyzed with the two extraction groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the Method Reporting Limits (MRLs). No data qualifications were required.

NWTPH-Gx

Two method blanks were analyzed with the two extraction groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were required.

USEPA Method 8260

Three method blanks were analyzed with the three extraction groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were required.

Trip Blank Results

No trip blanks were required or collected during this field event.

Field Duplicate Analyses

No field duplicates were required or collected during this field event.

Laboratory Duplicate Analyses

NWTPH-Dx

The laboratory prepared two duplicate soil samples (one for each extraction group); one was a batch (non-project) duplicate and the second was prepared from primary sample GP-15-3. The primary and laboratory duplicate pairs were analyzed by the NWTPH Dx method. The relative percent differences (RPD) for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

NWTPH-Gx

The laboratory prepared three duplicate soil samples for the two extraction groups. For extraction group 5370, one duplicate was prepared from primary sample GP-17-28 and the second duplicate was prepared from a batch (non-project) sample. For extraction group 5384, one duplicate sample was prepared from primary sample GP-18-27. The primary and laboratory duplicate pairs were analyzed by the NWTPH Gx method. The RPD for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

USEPA Method 8260

The laboratory prepared two duplicate soil samples for batch 2984; one was a batch (non-project) duplicate and the second duplicate was prepared from project sample GP-18-27. The RPDs for

all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. For batch 2985, one duplicate was prepared from a batch (non-project) sample and the second duplicate was prepared from project sample GP-17-28. The RPDs for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. For batch 3048, one duplicate was prepared from a batch (non-project) sample. The RPDs for all target analyte pairs in the primary and duplicate was prepared from a batch (non-project) sample. The RPDs for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

Surrogate Recoveries

NWTPH-Dx

The surrogate percent recovery (%R) results for all NWTPH Dx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 70 to 130%R.

NWTPH-Gx

The surrogate %R results for all NWTPH Gx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits. No data qualifications were warranted.

USEPA Method 8260

The surrogate %R results for all USEPA Method 8260 soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits. No data qualifications were warranted.

Laboratory Control Samples

NWTPH-Dx

Two laboratory control samples (LCS) were prepared and analyzed; one for each analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

NWTPH-Gx

Two laboratory control samples (LCS) were prepared and analyzed; one for each analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

USEPA Method 8260

Three LCSs were prepared and analyzed; one for batch 2984, one for batch 2985, and one for batch 3048. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

Matrix Spike/Matrix Spike Duplicates

NWTPH-Dx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Dx method.

01_DV_Fremont_1208075_Final_v2

NWTPH-Gx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Gx method.

USEPA Method 8260

Three soil MSs were prepared and analyzed with the project samples; one for each of the analytical batches. Sample duplicates were analyzed in lieu of MSDs for the samples. This is acceptable. The MS %Rs for all target analytes in analytical batch 2984 were within the laboratory control limits except for bromomethane and trichlorofluoromethane. The %Rs for these compounds were below the lower control limit, indicating a potential matrix-induced variability in sample results for these compounds. However, because the MS for this analytical group was prepared from a batch (non-project) sample, the compounds were not detected in any project samples, and because there were no other quality control issues associated with these compounds in the remaining quality control data, the MS exceedances are not considered sufficient cause to warrant qualification of the data. No data in analytical group 2984 were qualified. For analytical batch 2985, the MS %Rs for all target analytes were within the laboratory control limits except for bromomethane, trichlorofluoromethane, 1,1-dichloroethene, methylene chloride and chloroethane. However, because the MS for this analytical group was prepared from a batch (non-project) sample, the compounds were not detected in any project samples, and because there were no other quality control issues associated with these compounds in the remaining quality control data, the MS exceedances are not considered sufficient cause to warrant qualification of the data. No data in analytical group 2985 were qualified. The MS %Rs for all target analytes in analytical batch 3048 were within the laboratory control limits except for bromomethane and vinyl chloride. The %Rs for these compounds were below the lower control limit, indicating a potential matrix-induced variability in sample results for these compounds. However, because the MS for this analytical group was prepared from a batch (nonproject) sample, the compounds were not detected in any project samples, and because there were no other quality control issues associated with these compounds in the remaining quality control data, the MS exceedances are not considered sufficient cause to warrant qualification of the data. No data in analytical group 3048 were qualified.

Other Quality Control Issues

The laboratory reported that sample GP-18-18 was analyzed in analysis group 2971; however, no quality control data was reported for this extraction group. The laboratory was contacted regarding this issue. The laboratory stated that the 2971 analysis group ID was in error and that the sample in question belonged to analysis group 2984 and all the quality control data for that group was applicable to GP-18-18. No qualifications of the data from this sample were warranted. No other laboratory quality control issues were identified in the laboratory report.

Quantitation Limits

The MRLs were acceptable for the project; therefore, no data qualifiers were assigned.

Data Assessment

No data were qualified. All data are judged to be acceptable for their intended use.

01_DV_Fremont_1208075_Final_v2



1311 N. 35th St. Seattle, WA 98103 T: (206) 352-3790 F: (206) 352-7178 info@fremontanalytical.com

PES Environmental, Inc. Kelly Rankich 1215 Fourth Avenue, Suite 1350 Seattle, Washington 98161

RE: Former Pace Kirkland Lab ID: 1208084

September 11, 2012

Attention Kelly Rankich:

Fremont Analytical, Inc. received 37 sample(s) on 8/14/2012 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Gasoline by NWTPH-Gx Sample Moisture (Percent Moisture) Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

MGR

Michael Dee Sr. Chemist / Principal



CLIENT: Project: Lab Order:	PES Environmental, Inc. Former Pace Kirkland 1208084	Work Order Sample Summa					
Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received				
1208084-001	GP-13-3	08/14/2012 7:55 AM	08/15/2012 3:15 PM				
1208084-002	GP-13-6	08/14/2012 8:05 AM	08/15/2012 3:15 PM				
1208084-003	GP-13-9.5	08/14/2012 8:10 AM	08/15/2012 3:15 PM				
1208084-004	GP-13-12	08/14/2012 8:20 AM	08/15/2012 3:15 PM				
1208084-005	GP-13-15	08/14/2012 8:30 AM	08/15/2012 3:15 PM				
1208084-006	GP-13-18	08/14/2012 8:35 AM	08/15/2012 3:15 PM				
1208084-007	GP-13-23	08/14/2012 8:45 AM	08/15/2012 3:15 PM				
1208084-008	GP-13-27.5	08/14/2012 8:50 AM	08/15/2012 3:15 PM				
1208084-009	GP-24-0.5	08/14/2012 9:20 AM	08/15/2012 3:15 PM				
1208084-010	GP-24-5.5	08/14/2012 9:30 AM	08/15/2012 3:15 PM				
1208084-011	GP-24-11	08/14/2012 9:45 AM	08/15/2012 3:15 PM				
1208084-012	GP-24-17	08/14/2012 9:50 AM	08/15/2012 3:15 PM				
1208084-013	GP-24-23	08/14/2012 9:55 AM	08/15/2012 3:15 PM				
1208084-014	GP-25-3	08/14/2012 10:25 AM	08/15/2012 3:15 PM				
1208084-015	GP-25-8	08/14/2012 10:30 AM	08/15/2012 3:15 PM				
1208084-016	GP-25-12.5	08/14/2012 10:45 AM	08/15/2012 3:15 PM				
1208084-017	GP-25-18	08/14/2012 11:00 AM	08/15/2012 3:15 PM				
1208084-018	GP-25-24	08/14/2012 11:05 AM	08/15/2012 3:15 PM				
1208084-019	HA-8-2	08/14/2012 11:40 AM	08/15/2012 3:15 PM				
1208084-020	HA-8-6	08/14/2012 11:45 AM	08/15/2012 3:15 PM				
1208084-021	HA-8-9	08/14/2012 11:50 AM	08/15/2012 3:15 PM				
1208084-022	HA-7-2	08/14/2012 1:10 PM	08/15/2012 3:15 PM				
1208084-023	HA-7-6	08/14/2012 1:15 PM	08/15/2012 3:15 PM				
1208084-024	HA-7-9	08/14/2012 1:20 PM	08/15/2012 3:15 PM				
1208084-025	HA-6-2	08/14/2012 1:30 PM	08/15/2012 3:15 PM				
1208084-026	HA-6-6	08/14/2012 1:35 PM	08/15/2012 3:15 PM				
1208084-027	HA-6-9	08/14/2012 1:40 PM	08/15/2012 3:15 PM				
1208084-028	HA-5-2	08/14/2012 2:00 PM	08/15/2012 3:15 PM				
1208084-029	HA-5-6	08/14/2012 2:05 PM	08/15/2012 3:15 PM				
1208084-030	HA-5-9	08/14/2012 2:10 PM	08/15/2012 3:15 PM				
1208084-031	GP-7-3	08/13/2012 3:00 PM	08/15/2012 3:15 PM				
1208084-032	GP-7-7	08/13/2012 3:10 PM	08/15/2012 3:15 PM				
1208084-033	GP-7-12.5	08/13/2012 3:15 PM	08/15/2012 3:15 PM				
1208084-034	GP-7-17.5	08/13/2012 3:20 PM	08/15/2012 3:15 PM				
1208084-035	GP-7-22.5	08/13/2012 3:30 PM	08/15/2012 3:15 PM				
1208084-036	GP-7-27.5	08/13/2012 3:50 PM	08/15/2012 3:15 PM				

CLIENT: Project: Lab Order:	PES Environmental, Inc. Former Pace Kirkland 1208084	Work Order	Sample Summary
Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1208084-037	GP-7-34	08/13/2012 4:00 PM	08/15/2012 3:15 PM



Case Narrative

Date: 9/11/2012

CLIENT:PES Environmental, Inc.Project:Former Pace Kirkland

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-002B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-004B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-007B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-009B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-011B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-014B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-016B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-019B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-022B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-025B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-028B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-031B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-033B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-035B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-003B) required Silica Gel Cleanup



Date: 9/11/2012

CLIENT:	PES Environmental, Inc.
Project:	Former Pace Kirkland

Procedure.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208084-010B) required Silica Gel Cleanup Procedure.

DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (C12-C24).

GRO - Indicates the presence of unresolved compounds eluting from toluene to dodecane (~C7->C12).



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc. Project: Former Pace Kirkland	Collection Date: 8/14/2012 8:05:00 AM					
Lab ID: 1208084-002	Matrix: Soil					
Client Sample ID: GP-13-6 Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH	Dx/Dx Ext.			Batch	n ID: 2989	Analyst: SG
Diesel (Fuel Oil)	13,000	249	D	mg/Kg-dry	10	8/20/2012 1:34:00 PM
Diesel Range Organics (C12-C24)	ND	24.9		mg/Kg-dry	1	8/17/2012 10:15:00 PM
Heavy Oil	ND	62.3		mg/Kg-dry	1	8/17/2012 10:15:00 PM
Surr: 2-Fluorobiphenyl	128	50-150		%REC	1	8/17/2012 10:15:00 PM
Surr: o-Terphenyl	105	50-150		%REC	1	8/17/2012 10:15:00 PM
Gasoline by NWTPH-Gx				Batch	n ID: R537	'0 Analyst: EM
Gasoline	ND	6.73		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Gasoline Range Organics C6-C12	851	67.3	D	mg/Kg-dry	10	8/20/2012 9:57:00 PM
Surr: 1,2-Dichloroethane-d4	98.8	65-135		%REC	1	8/21/2012 5:55:00 AM
Surr: Fluorobenzene	95.5	65-135		%REC	1	8/21/2012 5:55:00 AM
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0807	*	mg/Kg-dry	1	8/21/2012 5:55:00 AM
Chloromethane	ND	0.0807		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Vinyl chloride	ND	0.00269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Bromomethane	ND	0.121		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0673		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Chloroethane	ND	0.0807		mg/Kg-dry	1	8/21/2012 5:55:00 AM
1,1-Dichloroethene	ND	0.0673		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Methylene chloride	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
trans-1,2-Dichloroethene	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0673		mg/Kg-dry	1	8/21/2012 5:55:00 AM
1,1-Dichloroethane	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
2,2-Dichloropropane	ND	0.0673		mg/Kg-dry	1	8/21/2012 5:55:00 AM
cis-1,2-Dichloroethene	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Chloroform	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
1,1-Dichloropropene	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Carbon tetrachloride	ND	0.0269		mg/Kg-drv	1	8/21/2012 5:55:00 AM
1,2-Dichloroethane (EDC)	ND	0.0404		mg/Kg-drv	1	8/21/2012 5:55:00 AM
Benzene	ND	0.0269		mg/Kg-drv	1	8/21/2012 5:55:00 AM
Trichloroethene (TCE)	ND	0.0404		mg/Kg-dry	1	8/21/2012 5:55:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.		Collection Date: 8/14/2012 8:05:00 AM						
Project: Former Pace Kirkland								
I ab ID: 1208084-002		Matrix: Sail						
		Watrix: 501						
Client Sample ID: GP-13-6			- ·					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by	FPA Method	8260		Batch	n ID [.] 2985	Analyst [,] FM		
volatile organic compounds by		0200		Bato	112. 2000			
1,2-Dichloropropane	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Bromodichloromethane	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Dibromomethane	ND	0.0538		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
cis-1,3-Dichloropropene	ND	0.0269	*	mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Toluene	0.0801	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
trans-1,3-Dichloropropylene	ND	0.0404	*	mg/Kg-dry	1	8/21/2012 5:55:00 AM		
1,1,2-Trichloroethane	ND	0.0404		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
1,3-Dichloropropane	ND	0.0673		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Tetrachloroethene (PCE)	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Dibromochloromethane	ND	0.0404		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
1,2-Dibromoethane (EDB)	ND	0.00673		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Chlorobenzene	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
1,1,1,2-Tetrachloroethane	ND	0.0404		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Ethylbenzene	0.402	0.0404		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
m,p-Xylene	1.53	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
o-Xylene	0.762	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Styrene	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Isopropylbenzene	0.517	0.108		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Bromoform	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
1,1,2,2-Tetrachloroethane	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
n-Propylbenzene	0.886	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
Bromobenzene	ND	0.0404		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
1,3,5-Trimethylbenzene	1.69	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
2-Chlorotoluene	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM		
4-Chlorotoluene	ND	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
tert-Butvlbenzene	ND	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
1.2.3-Trichloropropane	ND	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
1.2.4-Trichlorobenzene	ND	0.0673		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
sec-Butvlbenzene	0.884	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
4-Isopropyltoluene	1.50	0.0269		mg/Ka-drv	1	8/21/2012 5:55:00 AM		
1.3-Dichlorobenzene	ND	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
1.4-Dichlorobenzene	ND	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
n-Butylbenzene	1 85	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
1.2-Dichlorobenzene	ND	0.0269		ma/Ka-drv	1	8/21/2012 5:55:00 AM		
1 2-Dibromo-3-chloropropane	ND	0.0404		ma/Ka-drv	1	8/21/2012 5:55:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:05:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208084-002				Matrix: Sc	bil	
Client Sample ID: GP-13-6						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	ו ID: 298	5 Analyst: EM
1,2,4-Trimethylbenzene	5.79	0.269	D	mg/Kg-dry	10	8/20/2012 9:57:00 PM
Hexachlorobutadiene	ND	0.135		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Naphthalene	11.5	0.404	D	mg/Kg-dry	10	8/20/2012 9:57:00 PM
1,2,3-Trichlorobenzene	ND	0.0269		mg/Kg-dry	1	8/21/2012 5:55:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.7	63.1-141		%REC	1	8/21/2012 5:55:00 AM
Surr: Dibromofluoromethane	101	67.6-119		%REC	1	8/21/2012 5:55:00 AM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/21/2012 5:55:00 AM
NOTES:						
* Flagged value is not within established co	ntrol limits					
Sample Moisture (Percent Moistu	re)			Batch	n ID: R53	71 Analyst: SC
Percent Moisture	24.0			wt%	1	8/17/2012 1:20:00 PM

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:10:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208084-003	Matrix: Soil						
Client Sample ID: GP-13-9 5							
	Beault	ы	Qual	Unito	DE	Data Analyzad	
Analyses	Result	RL	Quai	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	ו ID: 3041	Analyst: BR	
Diesel (Fuel Oil)	ND	21.2		ma/Ka-day	1	8/27/2012 9·28·00 AM	
Diesel Range Organics (C12-C24)		21.2		ma/Ka-drv	1	8/27/2012 9:28:00 AM	
Heavy Oil	ND	53.1		mg/Kg-dry	1	8/27/2012 9:28:00 AM	
Surr: 2-Eluorobinhenvl	129	50-150		%RFC	1	8/27/2012 9:28:00 AM	
Surr: o-Terphenyl	127	50-150		%REC	1	8/27/2012 9:28:00 AM	
Gasoline by NWTPH-Gx				Batch	n ID: R55′	12 Analyst: EM	
Casolino		4 20		ma/Ka day	1	8/26/2012 8·16·00 AM	
Gasoline Pange Organics C6-C12		4.29		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Surr: 1.2 Dichloroothano d4	ND 97.3	4.29			1	8/26/2012 8:16:00 AM	
Surr: Eluorobonzono	70.6	65 135		%REC	1	8/26/2012 8:16:00 AM	
	79.0	00-100		70REC	I	6/20/2012 6.10.00 AW	
Volatile Organic Compounds by EPA Method 8260			Batch	ו ID: 3048	B Analyst: EM		
Dichlorodifluoromethane (CFC-12)	ND	0.0515		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Chloromethane	ND	0.0515		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Vinyl chloride	ND	0.00172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Bromomethane	ND	0.0772		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0429		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Chloroethane	ND	0.0515		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
1,1-Dichloroethene	ND	0.0429		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Methylene chloride	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
trans-1,2-Dichloroethene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0429		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
1,1-Dichloroethane	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
2,2-Dichloropropane	ND	0.0429		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
cis-1,2-Dichloroethene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Chloroform	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
1,1,1-Trichloroethane (TCA)	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
1,1-Dichloropropene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Carbon tetrachloride	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
1,2-Dichloroethane (EDC)	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Benzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM	
Trichloroethene (TCE)	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits


WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:10:00 AM								
Project: Former Pace Kirkland									
Lab ID: 1208084-003		Matrix: Soil							
Client Sample ID: GP-13-9 5									
	Desult		0	l lucito	DE	Data Analyzad			
Analyses	Result	RL	Quai	Units	DF	Date Analyzed			
				Detal	- ID: 2040				
Volatile Organic Compounds by E	PA Method	8260		Batch	1 ID: 3048	Analyst: EM			
1,2-Dichloropropane	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Bromodichloromethane	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Dibromomethane	ND	0.0343		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
cis-1,3-Dichloropropene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Toluene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
trans-1,3-Dichloropropylene	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,1,2-Trichloroethane	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,3-Dichloropropane	ND	0.0429		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Tetrachloroethene (PCE)	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Dibromochloromethane	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,2-Dibromoethane (EDB)	ND	0.00429		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Chlorobenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,1,1,2-Tetrachloroethane	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Ethylbenzene	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
m,p-Xylene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
o-Xylene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Styrene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Isopropylbenzene	ND	0.0686		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Bromoform	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,1,2,2-Tetrachloroethane	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
n-Propylbenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
Bromobenzene	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,3,5-Trimethylbenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
2-Chlorotoluene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
4-Chlorotoluene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
tert-Butylbenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,2,3-Trichloropropane	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,2,4-Trichlorobenzene	ND	0.0429		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
sec-Butylbenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
4-Isopropyltoluene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,3-Dichlorobenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,4-Dichlorobenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
n-Butylbenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,2-Dichlorobenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM			
1,2-Dibromo-3-chloropropane	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.		Collection Date: 8/14/2012 8:10:00 AM				
Project: Former Pace Kirkland						
Lab ID: 1208084-003				Matrix: Sc	bil	
Client Sample ID: GP-13-9.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 304	48 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM
Hexachlorobutadiene	ND	0.0858		mg/Kg-dry	1	8/26/2012 8:16:00 AM
Naphthalene	ND	0.0257		mg/Kg-dry	1	8/26/2012 8:16:00 AM
1,2,3-Trichlorobenzene	ND	0.0172		mg/Kg-dry	1	8/26/2012 8:16:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	8/26/2012 8:16:00 AM
Surr: Dibromofluoromethane	95.0	67.6-119		%REC	1	8/26/2012 8:16:00 AM
Surr: Toluene-d8	105	78.5-126		%REC	1	8/26/2012 8:16:00 AM
Sample Moisture (Percent Moiste	ure)			Batch	n ID: R5	456 Analyst: SG
Percent Moisture	10.5			wt%	1	8/24/2012 11:05:56 AM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc. Project: Former Pace Kirkland				Collection	Date: 8/	14/2012 8:20:00 AM			
Lab ID: 1208084-004		Matrix: Soil							
Client Sample ID: GP-13-12 Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Diesel and Heavy Oil by NWTPH	-Dx/Dx Ext.			Batch	n ID: 2989	9 Analyst: SG			
<u> </u>									
Diesel (Fuel Oil)	ND	22.5		mg/Kg-dry	1	8/17/2012 11:11:00 PM			
Diesel Range Organics (C12-C24)	ND	22.5		mg/Kg-dry	1	8/17/2012 11:11:00 PM			
Heavy Oil	ND	56.3		mg/Kg-dry	1	8/17/2012 11:11:00 PM			
Surr: 2-Fluorobiphenyl	105	50-150		%REC	1	8/17/2012 11:11:00 PM			
Surr: o-Terphenyl	102	50-150		%REC	1	8/17/2012 11:11:00 PM			
Gasoline by NWTPH-Gx				Batch	n ID: R53	70 Analyst: EM			
Gasoline	ND	6 4 1		ma/Ka-dry	1	8/21/2012 4·51·00 AM			
Gasoline Range Organics C6-C12	ND	6 4 1		ma/Ka-dry	1	8/21/2012 4:51:00 AM			
Surr: 1 2-Dichloroethane-d4	104	65-135		%RFC	1	8/21/2012 4:51:00 AM			
Surr: Fluorobenzene	98.9	65-135		%REC	1	8/21/2012 4:51:00 AM			
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 298	5 Analyst: EM			
Dichlorodifluoromethane (CEC_12)	ND	0.0769	*	ma/Ka_dn/	1	8/21/2012 4·51·00 AM			
Chloromethane		0.0769		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Vinyl chloride		0.0705		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Bromomethane		0.00200		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Trichlorofluoromethane (CEC-11)		0.0641		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Chloroethane		0.0041		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
1 1-Dichloroethene		0.0703		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Methylene chloride		0.0041		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
trans_1 2-Dichloroethene		0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Methyl tert-butyl ether (MTRE)		0.0230		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
1 1 Dichloroothano		0.0041		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
2.2 Dichloropropono		0.0230		mg/Kg-dry	1	0/21/2012 4.51.00 AM			
	ND	0.0041		mg/Kg-ury	1	0/21/2012 4.51.00 AM			
cis-1,2-Dichloroethene	ND	0.0256		mg/Kg-ary	1	8/21/2012 4:51:00 AM			
	ND	0.0256		mg/Kg-ary	1	0/21/2012 4:51:00 AM			
1, 1, 1- I richloroethane (1CA)	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Carbon tetrachloride	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
1,2-Dichloroethane (EDC)	ND	0.0385		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Benzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM			
Trichloroethene (TCE)	ND	0.0385		mg/Kg-dry	1	8/21/2012 4:51:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:20:00 AM							
Project: Former Pace Kirkland								
Lab ID: 1208084-004	Matrix: Soil							
Client Sample ID: GP-13-12								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM		
1.2-Dichloropropane	ND	0 0256		ma/Ka-dry	1	8/21/2012 4·51·00 AM		
Bromodichloromethane	ND	0.0256		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
Dibromomethane	ND	0.0513		ma/Ka-dry	1	8/21/2012 4:51:00 AM		
cis-1 3-Dichloropropene	ND	0.0256	*	ma/Ka-drv	1	8/21/2012 4·51·00 AM		
Toluene	ND	0.0256		ma/Ka-drv	1	8/21/2012 4·51·00 AM		
trans-1 3-Dichloropropylene	ND	0.0385	*	ma/Ka-drv	1	8/21/2012 4·51·00 AM		
1 1 2-Trichloroethane	ND	0.0385		ma/Ka-drv	1	8/21/2012 4·51·00 AM		
1 3-Dichloropropane	ND	0.0641		ma/Ka-drv	1	8/21/2012 4·51·00 AM		
Tetrachloroethene (PCE)	ND	0.0256		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
Dibromochloromethane	ND	0.0385		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
1.2-Dibromoethane (EDB)	ND	0.00641		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
Chlorobenzene	ND	0.0256		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
1.1.1.2-Tetrachloroethane	ND	0.0385		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
Ethylbenzene	ND	0.0385		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
m.p-Xylene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
o-Xvlene	ND	0.0256		ma/Ka-drv	1	8/21/2012 4:51:00 AM		
Styrene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
Isopropylbenzene	ND	0.103		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
Bromoform	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,1,2,2-Tetrachloroethane	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
n-Propylbenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
Bromobenzene	ND	0.0385		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,3,5-Trimethylbenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
2-Chlorotoluene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
4-Chlorotoluene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
tert-Butylbenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,2,3-Trichloropropane	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,2,4-Trichlorobenzene	ND	0.0641		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
sec-Butylbenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
4-Isopropyltoluene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,3-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,4-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
n-Butylbenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,2-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM		
1,2-Dibromo-3-chloropropane	ND	0.0385		mg/Kg-dry	1	8/21/2012 4:51:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: 1208084 Date Reported: 9/11/2012

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:20:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208084-004				Matrix: Sc	oil	
Client Sample ID: GP-13-12						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM
Hexachlorobutadiene	ND	0.128		mg/Kg-dry	1	8/21/2012 4:51:00 AM
Naphthalene	ND	0.0385		mg/Kg-dry	1	8/21/2012 4:51:00 AM
1,2,3-Trichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/21/2012 4:51:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	63.1-141		%REC	1	8/21/2012 4:51:00 AM
Surr: Dibromofluoromethane	99.4	67.6-119		%REC	1	8/21/2012 4:51:00 AM
Surr: Toluene-d8	102	78.5-126		%REC	1	8/21/2012 4:51:00 AM
NOTES:						
* Flagged value is not within established con	trol limits					
Sample Moisture (Percent Moistur	<u>.e)</u>			Batch	1 ID: R537	1 Analyst: SC
Percent Moisture	13.1			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В	Analy
		-

te detected in the associated Method Blank Value above quantitation range

Е

Analyte detected below quantitation limits J

RL Reporting Limit

- Dilution was required D
- н Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208084-007 Katrix: Solit Client Sample ID: GP-13-23 Malyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch D: 2989 Analysi: SG Diesel Fange Organics (C12-C24) ND 22.5 mg/Kg-dry 1 8/17/2012 11/39:00 PM Sur: 2-Fluorobiphenyl 101 50-150 %REC 1 8/17/2012 11/39:00 PM Sur: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/17/2012 11/39:00 PM Sur: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/17/2012 11/39:00 PM Sur: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/17/2012 11/39:00 PM Sur: 1-Diorobentane ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Sur: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Sur: Fluorobenzene 97.2 65-135 %REC	Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:45:00 AM								
Lab ID: 1208084-007 Matrix: Soil Client Sample ID: GP-13-23 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analysi: SG Diesel Range Organics (C12-C24) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Buesel New Oil ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Buesel New Oil ND 56:3 mg/Kg-dry 1 8/17/2012 11:39:00 PM Sur:< 2-Fluorobiphenyl	Project: Former Pace Kirkland									
Lab B. Lab B. <thlab b.<="" th=""> <thlab b.<="" th=""> <thlab b.<="" td<="" th=""><th>I ab ID: 1208084-007</th><th colspan="9">Matrix: Soil</th></thlab></thlab></thlab>	I ab ID: 1208084-007	Matrix: Soil								
Charles Sample D: GP-13-23 Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel Range Organics (C12-C24) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Diesel Range Organics (C12-C24) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Surr: 2-Fluorobiphenyl 101 50-150 %REC 1 8/17/2012 11:39:00 PM Surr: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Corpanics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: 1,2-Dichloroethane-d4 99.7 65-135 %REC 1 8/21/2012 3:46:00 AM Vint chindle ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Chindromethane (CFC-12) ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Chindroethane						/11				
Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel Range Organics (C12-C24) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Heavy Oil ND 25.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Surr: 2-Floorobiphenyl 101 50-150 %REC 1 8/17/2012 11:39:00 PM Surr: 2-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Volatile Organic C6PC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Volatile Organic C6PC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Dichlorodfluoromethane (CFC-12) ND 0.0799 mg	Client Sample ID: GP-13-23									
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Diesel Range Organics (C12-C24) ND 26.3 mg/Kg-dry 1 8/17/2012 11:39:00 PM Sur: 2-Fluorobiphenyl 101 50-150 %REC 1 8/17/2012 11:39:00 PM Sur: o-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Sur: 1.2-Dichoroethane-04 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Sur: 1.2-Dichoroethane-04 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Sur: 1.2-Dichoroethane (CFC-12) ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Choroethane ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Sur: 1.2-Dichoroethane (CFC-12) ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM <	Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Diesel (Fuel Oil) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Biesel Range Organics (C12-C24) ND 25.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Surr: 2-Fluorobiphenyl 101 50-150 %REC 1 8/17/2012 11:39:00 PM Surr: 0-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: 1-2-Dichlorethane-d4 99.7 65:135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65:135 %REC 1 8/21/2012 3:46:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trinchlorofluoromethane ND 0.0266 mg/Kg-dry 1	Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	n ID: 2989	Analyst: SG			
Diesel (Fuel Oli) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Diesel Range Organics (C12-C24) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Heavy Oli ND 66.3 mg/Kg-dry 1 8/17/2012 11:39:00 PM Surr: 2-Fluorobiphenyl 101 50-150 %REC 1 8/17/2012 11:39:00 PM Surr: o-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: 1:2-Dichloroethane-d4 99.7 65-135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Choromethane (CFC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Choromethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Choromethane<										
Diesel Range Organics (C12-C24) ND 22.5 mg/Kg-dry 1 8/17/2012 11:39:00 PM Heavy Oil ND 56.3 %REC 1 8/17/2012 11:39:00 PM Surr: 2-Fluorobiphenyl 101 50-150 %REC 1 8/17/2012 11:39:00 PM Surr: 0-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Chloromethane (CFC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Dichlorodifluoromethane (CFC-11) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichlorofluoromethane (CFC-11) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichlorofluoromethane (C	Diesel (Fuel Oil)	ND	22.5		mg/Kg-dry	1	8/17/2012 11:39:00 PM			
Heavy Oil ND 56.3 mg/Kg-dry 1 8/17/2012 11:39:00 PM Surr: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Surr: 0-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline by NWTPH-Gx Batch ID: RST Analyst: EM Gasoline construction ND 6.66 mg/Kg-dry 1 8/21/2012 3/46:00 AM Surr: 1.2-Dichloroethane-d4 99.7 65-135 %REC 1 8/21/2012 3/46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3/46:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2/85 Analyst: EM Dichlorodfluoromethane (CFC-12) ND 0.0799 * mg/Kg-dry 1 8/21/2012 3/46:00 AM Bromomethane ND 0.02266 mg/Kg-dry 1 8/21/2012 3/46:00 AM Chloroethane ND 0.0266 mg/Kg-dry 1	Diesel Range Organics (C12-C24)	ND	22.5		mg/Kg-dry	1	8/17/2012 11:39:00 PM			
Surr: 2-Fluorobiphenyl 101 50-150 %REC 1 8/17/2012 11:30:00 PM Surr: o-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:30:00 PM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: 12-Dichloroethane-d4 99.7 65-135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Vinyl chloride ND 0.00266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.00266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloroethane ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloroethane ND 0.0266 mg/Kg-dry 1<	Heavy Oil	ND	56.3		mg/Kg-dry	1	8/17/2012 11:39:00 PM			
Surr: o-Terphenyl 96.4 50-150 %REC 1 8/17/2012 11:39:00 PM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline ange Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: 1-Dichloroethane-04 99.7 65-135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzere 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Chloroethane-04 99.7 65-135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzere ND 0.0799 *mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloromethane ND 0.00266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.00266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichlorofluoromethane (CFC-11) ND 0.0666 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichloroethane ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,1-Dichloroethene <td< td=""><td>Surr: 2-Fluorobiphenyl</td><td>101</td><td>50-150</td><td></td><td>%REC</td><td>1</td><td>8/17/2012 11:39:00 PM</td></td<>	Surr: 2-Fluorobiphenyl	101	50-150		%REC	1	8/17/2012 11:39:00 PM			
Batch ID: RS370 Analyst: EM Gasoline by NWTPH-Gx ND 6.66 mg/Kg-dry 1 &21/2012 346:00 AM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 &21/2012 346:00 AM Sur: 1.2.0ichloroethane-d4 99.7 65-135 %REC 1 &21/2012 346:00 AM Sur: Fluoroberzene 97.2 65-135 %REC 1 &21/2012 346:00 AM Chloromethane ND 0.0799 *mg/Kg-dry 1 &21/2012 346:00 AM Chloromethane ND 0.00266 mg/Kg-dry 1 &21/2012 346:00 AM Bromomethane ND 0.0266 mg/Kg-dry 1 &21/2012 346:00 AM Trichorofluoromethane ND 0.0266 mg/Kg-dry 1 &21/2012 346:00 AM Altrichorofluoromethane ND 0.0266 mg/Kg-dry 1 &21/2012 346:00 AM Altrichorofluoromethane ND 0.0266 m	Surr: o-Terphenyl	96.4	50-150		%REC	1	8/17/2012 11:39:00 PM			
Gasoline ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Gasoline Range Organics C6-C12 ND 6.66 mg/Kg-dry 1 8/21/2012 3:46:00 AM Surr: 1.2-Dichloroethane-d4 99.7 65-135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Vinyl chloride ND 0.02266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.120 mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloroethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloroethane ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Methylene chloride ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Methylene chloride ND	Gasoline by NWTPH-Gx				Batch	n ID: R537	0 Analyst: EM			
Gasoline Range Organics C6-C12 ND 6.66 mg/kg-dry 1 6.21/c012 6.46:00 AM Surr: 1,2-Dichloroethane-d4 99.7 65-135 %REC 1 8/21/2012 3:46:00 AM Surr: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3:46:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0799 * mg/kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.0799 * mg/kg-dry 1 8/21/2012 3:46:00 AM Findorodifluoromethane ND 0.0799 mg/kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.0266 mg/kg-dry 1 8/21/2012 3:46:00 AM Chloroethane ND 0.0799 mg/kg-dry 1 8/21/2012 3:46:00 AM Mthylene chloride ND 0.0266 mg/kg-dry 1 8/21/2012 3:46:00 AM 1.1-Dichloroethene ND	Gasoline	ND	6 66		ma/Ka-drv	1	8/21/2012 3·46·00 AM			
Sur: 1,2-Dichloroethane-d4 99.7 65-135 %REC 1 8/21/2012 3/24.600 AM Sur:: Fluorobenzene 97.2 65-135 %REC 1 8/21/2012 3/46:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0799 mg/Kg-dry 1 8/21/2012 3/46:00 AM Vinyl chloride ND 0.0799 mg/Kg-dry 1 8/21/2012 3/46:00 AM Bromomethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3/46:00 AM Trichlorofluoromethane (CFC-11) ND 0.00266 mg/Kg-dry 1 8/21/2012 3/46:00 AM Chloroethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3/46:00 AM Chloroethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3/46:00 AM Chloroethane ND 0.0266 mg/Kg-dry 1 8/21/2012 3/46:00 AM Methylene chloride	Gasoline Range Organics C6-C12	ND	6.66		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Surr: Fluorobenzene 97.2 65-135 MREC 1 B21/2012 3:46:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloromethane ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Vinyl chloride ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloromethane ND 0.00266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloromethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1.1-Dichloroethene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Methyl tert-butyl ether (MTBE) ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM	Surr: 1 2-Dichloroethane-d4	99.7	65-135		%RFC	1	8/21/2012 3:46:00 AM			
Outer Borner Or Borner Or Borner Miller	Surr: Fluorobenzene	97.2	65-135		%REC	1	8/21/2012 3:46:00 AM			
Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0799 * mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloromethane ND 0.00266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.02266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Bromomethane ND 0.120 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichlorofluoromethane (CFC-11) ND 0.0666 mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloroethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,1-Dichloroethene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Methylene chloride ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Methylene chloride ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,1-Dichloroethene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 2,2-Dichloropropane ND <td></td> <td>01.2</td> <td></td> <td></td> <td>, in the o</td> <td>•</td> <td>0/2 // 20 / 2 0. 10.00 / MI</td>		01.2			, in the o	•	0/2 // 20 / 2 0. 10.00 / MI			
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ChloromethaneND0.0799mg/Kg-dry18/21/2012 3:46:00 AMVinyl chlorideND0.00266mg/Kg-dry18/21/2012 3:46:00 AMBromomethaneND0.120mg/Kg-dry18/21/2012 3:46:00 AMTrichlorofluoromethane (CFC-11)ND0.0666mg/Kg-dry18/21/2012 3:46:00 AMChloroethaneND0.0799mg/Kg-dry18/21/2012 3:46:00 AM1.1-DichloroetheneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMMethylene chlorideND0.0266mg/Kg-dry18/21/2012 3:46:00 AMItrans-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMMethyl tert-butyl ether (MTBE)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropropaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-TrichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,2-DichloropropeneND0.0266mg/Kg-dry18/21/2	Dichlorodifluoromethane (CFC-12)	ND	0.0799	*	mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Vinyl chlorideND0.00266mg/Kg-dry18/21/2012 3:46:00 AMBromomethaneND0.120mg/Kg-dry18/21/2012 3:46:00 AMTrichlorofluoromethane (CFC-11)ND0.0666mg/Kg-dry18/21/2012 3:46:00 AMChloroethaneND0.0799mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroetheneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMMethylene chlorideND0.0266mg/Kg-dry18/21/2012 3:46:00 AMItrans-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMMethyl tert-butyl ether (MTBE)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropthaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropthaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropthaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-TrichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloropthane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloropthane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,2-Dichloropthane (EDC)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0266mg/Kg-dry1 <td>Chloromethane</td> <td>ND</td> <td>0.0799</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/21/2012 3:46:00 AM</td>	Chloromethane	ND	0.0799		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Bromomethane ND 0.120 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichlorofluoromethane (CFC-11) ND 0.0666 mg/Kg-dry 1 8/21/2012 3:46:00 AM Chloroethane ND 0.0799 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,1-Dichloroethene ND 0.0666 mg/Kg-dry 1 8/21/2012 3:46:00 AM Methylene chloride ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM trans-1,2-Dichloroethene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Methyl tert-butyl ether (MTBE) ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,1-Dichloroethane ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 2,2-Dichloroptopane ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM cis-1,2-Dichloroethene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM cis-1,2-Dichloroethane (TCA) ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM <td>Vinyl chloride</td> <td>ND</td> <td>0.00266</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/21/2012 3:46:00 AM</td>	Vinyl chloride	ND	0.00266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Trichlorofluoromethane (CFC-11)ND0.0666mg/Kg-dry18/21/2012 3:46:00 AMChloroethaneND0.0799mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroetheneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMMethylene chlorideND0.0266mg/Kg-dry18/21/2012 3:46:00 AMtrans-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMMethyl tert-butyl ether (MTBE)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloroppaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMchloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-Dichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-Dichloroethane (EDC)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2	Bromomethane	ND	0.120		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
ChloroethaneND0.0799mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroetheneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMMethylene chlorideND0.0266mg/Kg-dry18/21/2012 3:46:00 AMtrans-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMMethyl tert-butyl ether (MTBE)ND0.0666mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropropaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMchloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethene (TCE)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM	Trichlorofluoromethane (CFC-11)	ND	0.0666		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
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Methylene chlorideND0.0266mg/Kg-dry18/21/2012 3:46:00 AMtrans-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMMethyl tert-butyl ether (MTBE)ND0.0666mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropropaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMChloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMTrichloroethene (TCE)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM	1,1-Dichloroethene	ND	0.0666		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
trans-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMMethyl tert-butyl ether (MTBE)ND0.0666mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropropaneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMChloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMTrichloroethane (TCE)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM	Methylene chloride	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Methyl tert-butyl ether (MTBE)ND0.0666mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropropaneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMChloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloroptopeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMTrichloroethane (TCE)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM	trans-1,2-Dichloroethene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,1-DichloroethaneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM2,2-DichloropropaneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMChloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (TCE)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (TCE)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM	Methyl tert-butyl ether (MTBE)	ND	0.0666		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
2,2-DichloropropaneND0.0666mg/Kg-dry18/21/2012 3:46:00 AMcis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMChloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-Dichloroethane (EDC)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMTrichloroethene (TCE)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM	1,1-Dichloroethane	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
cis-1,2-DichloroetheneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMChloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMCarbon tetrachlorideND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMTrichloroethene (TCE)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM	2,2-Dichloropropane	ND	0.0666		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
ChloroformND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1,1-Trichloroethane (TCA)ND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,1-DichloropropeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMCarbon tetrachlorideND0.0266mg/Kg-dry18/21/2012 3:46:00 AM1,2-Dichloroethane (EDC)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AMBenzeneND0.0266mg/Kg-dry18/21/2012 3:46:00 AMTrichloroethene (TCE)ND0.0399mg/Kg-dry18/21/2012 3:46:00 AM	cis-1,2-Dichloroethene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,1,1-Trichloroethane (TCA) ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,1-Dichloropropene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Carbon tetrachloride ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,2-Dichloroethane (EDC) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM Benzene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichloroethene (TCE) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM	Chloroform	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,1-Dichloropropene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Carbon tetrachloride ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,2-Dichloroethane (EDC) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM Benzene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichloroethene (TCE) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM	1,1,1-Trichloroethane (TCA)	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Carbon tetrachloride ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM 1,2-Dichloroethane (EDC) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM Benzene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichloroethene (TCE) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM	1,1-Dichloropropene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,2-Dichloroethane (EDC) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM Benzene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichloroethene (TCE) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM	Carbon tetrachloride	ND	0.0266		mg/Kg-drv	1	8/21/2012 3:46:00 AM			
Benzene ND 0.0266 mg/Kg-dry 1 8/21/2012 3:46:00 AM Trichloroethene (TCE) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM	1,2-Dichloroethane (EDC)	ND	0.0399		mg/Kq-drv	1	8/21/2012 3:46:00 AM			
Trichloroethene (TCE) ND 0.0399 mg/Kg-dry 1 8/21/2012 3:46:00 AM	Benzene	ND	0.0266		mg/Kq-drv	1	8/21/2012 3:46:00 AM			
	Trichloroethene (TCE)	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:45:00 AM								
Project: Former Pace Kirkland									
Lab ID: 1208084-007		Matrix: Soil							
Client Sample ID: GP-13-23									
Analyses	Result	RI	Qual	Units	DF	Date Analyzed			
Analyses	Result		Quui	onito	ы	Bute Analyzea			
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ו ID: 2985	Analyst: EM			
1,2-Dichloropropane	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Bromodichloromethane	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Dibromomethane	ND	0.0533		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
cis-1,3-Dichloropropene	ND	0.0266	*	mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Toluene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
trans-1,3-Dichloropropylene	ND	0.0399	*	mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,1,2-Trichloroethane	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,3-Dichloropropane	ND	0.0666		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Tetrachloroethene (PCE)	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Dibromochloromethane	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,2-Dibromoethane (EDB)	ND	0.00666		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Chlorobenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,1,1,2-Tetrachloroethane	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Ethylbenzene	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
m,p-Xylene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
o-Xylene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Styrene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Isopropylbenzene	ND	0.107		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Bromoform	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,1,2,2-Tetrachloroethane	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
n-Propylbenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
Bromobenzene	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,3,5-Trimethylbenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
2-Chlorotoluene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
4-Chlorotoluene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
tert-Butylbenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,2,3-Trichloropropane	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,2,4-Trichlorobenzene	ND	0.0666		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
sec-Butylbenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
4-Isopropyltoluene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,3-Dichlorobenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,4-Dichlorobenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
n-Butylbenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,2-Dichlorobenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM			
1,2-Dibromo-3-chloropropane	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 8:45:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208084-007				Matrix: Sc	bil	
Client Sample ID: GP-13-23						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM
Hexachlorobutadiene	ND	0.133		mg/Kg-dry	1	8/21/2012 3:46:00 AM
Naphthalene	ND	0.0399		mg/Kg-dry	1	8/21/2012 3:46:00 AM
1,2,3-Trichlorobenzene	ND	0.0266		mg/Kg-dry	1	8/21/2012 3:46:00 AM
Surr: 1-Bromo-4-fluorobenzene	96.8	63.1-141		%REC	1	8/21/2012 3:46:00 AM
Surr: Dibromofluoromethane	101	67.6-119		%REC	1	8/21/2012 3:46:00 AM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/21/2012 3:46:00 AM
NOTES:						
* Flagged value is not within established con	trol limits					
Sample Moisture (Percent Moistur	<u>.e)</u>			Batch	ı ID: R537	1 Analyst: SC
Percent Moisture	17.7			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В	Analyte detected in the associated Method Blank
Qualifiers:	В	Analyte detected in the associated Method Blar

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: 1208084 Date Reported: 9/11/2012

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 9:20:00 AM								
Project: Former Pace Kirkland									
Lab ID: 1208084-009	Matrix: Soil								
Client Sample ID: GP-24-0.5									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	n ID: 2989	Analyst: SG			
Diesel (Fuel Oil)	ND	20.4		mg/Kg-dry	1	8/18/2012 12:07:00 AM			
Diesel Range Organics (C12-C24)	ND	20.4		mg/Kg-dry	1	8/18/2012 12:07:00 AM			
Heavy Oil	176	51.0		mg/Kg-dry	1	8/18/2012 12:07:00 AM			
Surr: 2-Fluorobiphenyl	105	50-150		%REC	1	8/18/2012 12:07:00 AM			
Surr: o-Terphenyl	102	50-150		%REC	1	8/18/2012 12:07:00 AM			
Gasoline by NWTPH-Gx				Batch	n ID: R537	0 Analyst: EM			
Gasoline	ND	5.92		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Gasoline Range Organics C6-C12	ND	5.92		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Surr: 1,2-Dichloroethane-d4	101	65-135		%REC	1	8/21/2012 4:19:00 AM			
Surr: Fluorobenzene	98.9	65-135		%REC	1	8/21/2012 4:19:00 AM			
Volatile Organic Compounds by E	PA Method 8	<u>3260</u>		Batch	n ID: 2985	Analyst: EM			
Dichlorodifluoromethane (CFC-12)	ND	0.0710	*	ma/Ka-drv	1	8/21/2012 4:19:00 AM			
Chloromethane	ND	0.0710		ma/Ka-drv	1	8/21/2012 4:19:00 AM			
Vinvl chloride	ND	0.00237		ma/Ka-drv	1	8/21/2012 4:19:00 AM			
Bromomethane	ND	0.107		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Trichlorofluoromethane (CFC-11)	ND	0.0592		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Chloroethane	ND	0.0710		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,1-Dichloroethene	ND	0.0592		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Methylene chloride	ND	0.0237		mg/Kg-dry	1	8/22/2012 11:53:00 AM			
trans-1,2-Dichloroethene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Methyl tert-butyl ether (MTBE)	ND	0.0592		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,1-Dichloroethane	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
2,2-Dichloropropane	ND	0.0592		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
cis-1,2-Dichloroethene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Chloroform	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,1,1-Trichloroethane (TCA)	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,1-Dichloropropene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Carbon tetrachloride	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,2-Dichloroethane (EDC)	ND	0.0355		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Benzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Trichloroethene (TCE)	ND	0.0355		mg/Kg-dry	1	8/21/2012 4:19:00 AM			

Qualifiers: Analyte detected in the associated Method Blank В

> Е Value above quantitation range

Dilution was required D

Н Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

ND Not detected at the Reporting Limit S



WO#: **1208084** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208084-009 Matrix: Soil Client Sample ID: GP-24-0.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM 1.2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromomethene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Tutane1.3-Dichloropropylene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropylene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0355 mg/Kg-dry	Client: PES Environmental, Inc.	Collection Date: 8/14/2012 9:20:00 AM								
Lab ID: 1208084-009 Matrix: Soil Client Sample ID: GP-24-0.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2995 Analyst: EM 1.2-Dichloropropene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Client Sample ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Toluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Toluene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropylene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropylene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropylene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane	Project: Former Pace Kirkland									
Client Sample ID: GP-24-0.5 Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM 12-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromoethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Toluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropene ND 0.0385 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichlorophane ND<	Lab ID: 1208084-009		Matrix: Soil							
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM 1.2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromomethane ND 0.0474 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromothane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Tanse 1.3-Dichloropropytene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.1.2-Trichloroethane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.1.2-Trichloroethane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1.1.1.2-Tetrachloroethane	Client Sample ID: GP-24-0 5									
Analyses Result R.C. Guar Offics Dr Date Analysed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM 1.2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM rians-1,3-Dichloropropene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,3-Dichloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromochloromethane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,2-Ditromochloromethane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromochlane		Booult	ы	Qual	Unito	DE	Data Analyzad			
Volatile Organic Compounds by EPA Method 8260 Bath D: 295 Anlys: EM 1Dickloropropane ND 0.0237 mg/Kg-dy 1 82/12012 4:19:00 AM Binomocilchioromethane ND 0.0237 mg/Kg-dy 1 82/12012 4:19:00 AM Gist JDickloropropene ND 0.0237 mg/Kg-dy 1 82/12012 4:19:00 AM Toluene ND 0.0237 mg/Kg-dy 1 82/12012 4:19:00 AM Taras JDickloropropene ND 0.0355 mg/Kg-dy 1 82/12012 4:19:00 AM 1.3-Dickloropropane ND 0.0355 mg/Kg-dy 1 82/12012 4:19:00 AM 1.4-Dickorothane (EDB) ND 0.0355 mg/Kg-dy 1 82/12012 4:19:00 AM 1.4-J2-Tetrachrorothane ND 0.	Analyses	Result	KL	Quai	Units	DF	Date Analyzed			
Volume Originity Compositions DY EPA Method 2250 Principal Prior 1.2-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Biromodichloromethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromomethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM cis-1,3-Dichloropropene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM trans-1,3-Dichloropropene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,2-Trichloroethane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,2-Trichloroethane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,2-Trichloroethane (PCE) ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,2-Trichloroethane (EDB) ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,1,2-Tetrachloroethane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,1,2-Tetrachloroethane	Volatilo Organic Compounds by E	DA Mathad	8260		Batch	2085 יחו ה	Analyst: FM			
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Bromodichloromethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromomethane ND 0.0474 mg/Kg-dry 1 8/21/2012 4:19:00 AM Toluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Toluene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1.2-Trichloropropylene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichloropropane ND 0.0592 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Dibromochloromethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Di-Dibromochlane (EDB) ND 0.00552 mg/Kg-dry 1 8/21/2012 4:19:00 AM Chlorobenzane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1-Dibromomethane (EDB) ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromocharome	1,2-Dichloropropane	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
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Isopropylbenzene ND 0.0947 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromoform ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlo	Styrene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Bromoform ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,1,2,2-Tetrachloroethane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromobenzene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Isopropylto	Isopropylbenzene	ND	0.0947		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,1,2,2-TetrachloroethaneND0.0237mg/Kg-dry18/21/2012 4:19:00 AMn-PropylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AMBromobenzeneND0.0355mg/Kg-dry18/21/2012 4:19:00 AM1,3,5-TrimethylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM2-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,3-TrichloropopaneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,4-TrichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AMsec-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-IsopropyltolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-IsopropyltolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,3-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,3-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-	Bromoform	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
n-Propylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM Bromobenzene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM tert-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Isopropyltoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichloroben	1,1,2,2-Tetrachloroethane	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
Bromobenzene ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3,5-Trimethylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 2-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Chlorotoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM tert-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Isopropyltoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichlor	n-Propylbenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,3,5-TrimethylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM2-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AMtert-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,3-TrichloropropaneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,4-TrichlorobenzeneND0.0592mg/Kg-dry18/21/2012 4:19:00 AMsec-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-IsopropyltolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,3-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-Dibromo-3-chloropropaneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM	Bromobenzene	ND	0.0355		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
2-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AMtert-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,3-TrichloropropaneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,4-TrichlorobenzeneND0.0592mg/Kg-dry18/21/2012 4:19:00 AMsec-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-IsopropyltolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,3-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-Dibromo-3-chloropropaneND0.0355mg/Kg-dry18/21/2012 4:19:00 AM <td>1,3,5-Trimethylbenzene</td> <td>ND</td> <td>0.0237</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/21/2012 4:19:00 AM</td>	1,3,5-Trimethylbenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
4-ChlorotolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AMtert-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,3-TrichloropropaneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,4-TrichlorobenzeneND0.0592mg/Kg-dry18/21/2012 4:19:00 AMsec-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-IsopropyltolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,3-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-Dibromo-3-chloropropaneND0.0355mg/Kg-dry18/21/2012 4:19:00 AM	2-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
tert-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,3-TrichloropropaneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2,4-TrichlorobenzeneND0.0592mg/Kg-dry18/21/2012 4:19:00 AMsec-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-IsopropyltolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,3-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-Dibromo-3-chloropropaneND0.0355mg/Kg-dry18/21/2012 4:19:00 AM	4-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,2,3-Trichloropropane ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2,4-Trichlorobenzene ND 0.0592 mg/Kg-dry 1 8/21/2012 4:19:00 AM sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Isopropyltoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8	tert-Butylbenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,2,4-TrichlorobenzeneND0.0592mg/Kg-dry18/21/2012 4:19:00 AMsec-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM4-IsopropyltolueneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,3-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,4-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AMn-ButylbenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-DichlorobenzeneND0.0237mg/Kg-dry18/21/2012 4:19:00 AM1,2-Dibromo-3-chloropropaneND0.0355mg/Kg-dry18/21/2012 4:19:00 AM	1,2,3-Trichloropropane	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
sec-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 4-Isopropyltoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM	1,2,4-Trichlorobenzene	ND	0.0592		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
4-Isopropyltoluene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM	sec-Butylbenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,3-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM	4-Isopropyltoluene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,4-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM	1,3-Dichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
n-Butylbenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM	1,4-Dichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,2-Dichlorobenzene ND 0.0237 mg/Kg-dry 1 8/21/2012 4:19:00 AM 1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM	n-Butylbenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
1,2-Dibromo-3-chloropropane ND 0.0355 mg/Kg-dry 1 8/21/2012 4:19:00 AM	1,2-Dichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM			
	1,2-Dibromo-3-chloropropane	ND	0.0355		mg/Kg-dry	1	8/21/2012 4:19:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	14/2012 9:20:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208084-009				Matrix: Sc	bil	
Client Sample ID: GP-24-0.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM
Hexachlorobutadiene	ND	0.118		mg/Kg-dry	1	8/21/2012 4:19:00 AM
Naphthalene	ND	0.0355		mg/Kg-dry	1	8/21/2012 4:19:00 AM
1,2,3-Trichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/21/2012 4:19:00 AM
Surr: 1-Bromo-4-fluorobenzene	103	63.1-141		%REC	1	8/21/2012 4:19:00 AM
Surr: Dibromofluoromethane	97.5	67.6-119		%REC	1	8/21/2012 4:19:00 AM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/21/2012 4:19:00 AM
NOTES:						
* Flagged value is not within established con	trol limits					
Sample Moisture (Percent Moistur	<u>e)</u>			Batch	n ID: R537	1 Analyst: SC
Percent Moisture	8.53			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В	Analyte detected in the associated Method Blank
		,

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 9:30:00 AM					te: 8/14/2012 9:30:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208084-010				Matrix: So	oil	
Client Sample ID: GP-24-5.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH	-Dx/Dx Ext.			Batch	n ID:	3041 Analyst: BR
Diesel (Fuel Oil)	ND	22.8		mg/Kg-dry	1	8/27/2012 10:22:00 AM
Diesel Range Organics (C12-C24)	ND	22.8		mg/Kg-dry	1	8/27/2012 10:22:00 AM
Heavy Oil	ND	56.9		mg/Kg-dry	1	8/27/2012 10:22:00 AM
Surr: 2-Fluorobiphenyl	137	50-150		%REC	1	8/27/2012 10:22:00 AM
Surr: o-Terphenyl	132	50-150		%REC	1	8/27/2012 10:22:00 AM
Sample Moisture (Percent Moist	<u>ure)</u>			Batch	n ID:	R5456 Analyst: SG
Percent Moisture	17.1			wt%	1	8/24/2012 11:05:56 AM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Broject: Former Pace Kirkland Lab D: 1208084-011 Matrix: Soil Client Sample ID: GP-24-11 Malyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Diesel Range Organics (C12-C24) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Sur: 2-Fluorobiphenyl 103 50-150 %REC 1 8/18/2012 1:58:00 AM Sur: 2-Fluorobiphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/18/2012 1:58:00 AM Sur:: Fluorobenzane 96.3 65-135 %REC 1 8/18/2012 1:58:00 AM Sur:: Fluorobenzane 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Gasoline Range Organics C6-C12 ND 0.0900 mg/Kg-dry	Client: PES Environmental, Inc.	Collection Date: 8/14/2012 9:45:00 AM					
Lab ID: 1208084-011 Matrix: Soil Client Sample ID: GP-24-11 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel Range Organics (C12-C24) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Bussel Fange Organics (C12-C24) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Sur:: 2-Tuorobiphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Sur:: 2-Tuorobiphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Sur:: 1,2-Dichioroethane-d4 99.8 66-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic COmpounds by EPA Method 8260 Batch ID: 2902/2012 10:29:00 PM 1 8/20/20	Project: Former Pace Kirkland						
Client Sample ID: GP-24-11 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Diesel Range Organics (C12-C24) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Sur: 2-Florobiphenyl 103 50-150 %REC 1 8/18/2012 1:58:00 AM Sur: 2-Florobiphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-GX Batch ID: R537 Analyst: EM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Sur: 1-20-chloroethane-04 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Sur: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroet	Lab ID: 1208084-011				Matrix: Sc	bil	
Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2999 Analyst: SG Diesel Range Organics (C12-C24) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Heavy Oil ND 53.5 mg/Kg-dry 1 8/18/2012 1:58:00 AM Sur: 2-Fluorobiphenyl 103 50-150 %REC 1 8/18/2012 1:58:00 AM Sur: 2-Fluorobiphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C8-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Str: 1,2-Dichloroethane-d4 99.8 66-135 %REC 1 8/20/2012 10:29:00 PM Str: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 mg/Kg-dry 1 8/20	Client Sample ID: GP-24-11						
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Diesel Range Organics (C12-C24) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Str:: 2-Fluorobiphenyl 103 50-150 %REC 1 8/18/2012 1:58:00 AM Sur:: 2-Fluorobiphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline gorganics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Surr: 1,2-Dichloroethane-d4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Surr: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0990 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorodifluoromethane (CFC-11) ND 0.0900 mg/Kg-dry 1<	Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 21.4 mg/Kg-dry 1 &1/18/2012 1:58:00 AM Diesel Range Organics (C12-C24) ND 21.4 mg/Kg-dry 1 &1/18/2012 1:58:00 AM Sur: 2-Floorobiphenyl 103 50-150 %REC 1 &1/18/2012 1:58:00 AM Sur: 2-Terphenyl 101 50-150 %REC 1 &1/18/2012 1:58:00 AM Gasoline by NWTPH-GX Batch ID: R537 Analyst: EM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 &2/20/2012 10:29:00 PM Sur: Floorobenzene 96.3 65-135 %REC 1 &2/20/201 2:0:29:00 PM Sur: Floorobenzene 96.3 65-135 %REC 1 &2/20/201 2:0:29:00 PM Sur: Floorobenzene 96.3 65-135 %REC 1 &2/20/201 2:0:29:00 PM Sur: Floorobenzene ND 0.0900 * mg/Kg-dry 1 &2/20/201 2:0:29:00 PM Suri Floorobenzene ND 0.0900 * <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	_						
Diesel (Fuel Oil) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Heavy Oil ND 53.5 mg/Kg-dry 1 8/18/2012 1:58:00 AM Surr: 2-Fluorobiphenyl 103 50-150 %REC 1 8/18/2012 1:58:00 AM Surr: 0-Terphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Surr: 1-2-Dichloroethane-C4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Surr: 1-2-Dichloroethane-C4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane ND 0.0900 mg/K	Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	n ID: 2989	Analyst: SG
Diesel Range Organics (C12-C24) ND 21.4 mg/Kg-dry 1 8/18/2012 1:58:00 AM Heavy Oil ND 53.5 mg/Kg-dry 1 8/18/2012 1:58:00 AM Sur: 2-Fluorobiphenyl 103 50-150 % REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Sur: 1.2-Dichloroethane-d4 99.8 65-135 % REC 1 8/20/2012 10:29:00 PM Sur: 1.2-Dichloroethane-d4 99.8 65-135 % REC 1 8/20/2012 10:29:00 PM Sur: Fluorobenzene 96.3 65-135 % REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND	Diesel (Fuel Oil)	ND	21.4		mg/Kg-dry	1	8/18/2012 1:58:00 AM
Heavy Oil ND 53.5 mg/kg-dry 1 8/18/2012 1:58:00 AM Surr: 2-Fluorobiphenyl 103 50-150 %REC 1 8/18/2012 1:58:00 AM Surr: 0-Terphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.50 mg/kg-dry 1 8/20/2012 10:29:00 PM Surr: 1,2-Dichloroethane-04 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Surr: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 mg/kg-dry 1 8/20/2012 10:29:00 PM Ving chloride ND 0.0300 mg/kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0350 mg/kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane ND 0.0350 mg/kg-dry	Diesel Range Organics (C12-C24)	ND	21.4		mg/Kg-dry	1	8/18/2012 1:58:00 AM
Sur: 2-Fluorobiphenyl 103 50-150 %REC 1 8/18/2012 1:58:00 AM Sur:: o-Terphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Sur:: 1.2-Dichloroethane-d4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Sur:: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Ying chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry	Heavy Oil	ND	53.5		mg/Kg-dry	1	8/18/2012 1:58:00 AM
Surr: o-Terphenyl 101 50-150 %REC 1 8/18/2012 1:58:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline ange Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Surr: 1.2-Dichloroethane-d4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Surr: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Surr: Fluorobenzene ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroeth	Surr: 2-Fluorobiphenyl	103	50-150		%REC	1	8/18/2012 1:58:00 AM
Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Sur: 1,2-Dichloroethane-d4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Sur: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organics Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Somomethane ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroffuoromethane (CFC-11) ND	Surr: o-Terphenyl	101	50-150		%REC	1	8/18/2012 1:58:00 AM
Gasoline ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Gasoline Range Organics C6-C12 ND 7.50 mg/Kg-dry 1 8/20/2012 10:29:00 PM Surr: 1,2-Dichloroethane-d4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Surr: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM <td>Gasoline by NWTPH-Gx</td> <td></td> <td></td> <td></td> <td>Batch</td> <td>n ID: R53</td> <td>70 Analyst: EM</td>	Gasoline by NWTPH-Gx				Batch	n ID: R53	70 Analyst: EM
Gasoline Range Organics C6-C12 ND 7.50 mg/kg-dry 1 8/20/2012 10:29:00 PM Surr: 1,2-Dichloroethane-d4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Surr: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/kg-dry 1 8/20/2012 10:29:00 PM Ving chlorodifluoromethane ND 0.0900 * mg/kg-dry 1 8/20/2012 10:29:00 PM Ving chloride ND 0.0900 * mg/kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.135 mg/kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0750 mg/kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0300 mg/kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/kg-dry 1 8/20/2012 10	Gasoline	ND	7.50		ma/Ka-drv	1	8/20/2012 10:29:00 PM
Surr: 1,2-Dichloroethane-d4 99.8 65-135 %REC 1 8/20/2012 10:29:00 PM Surr: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Vinyl chloride ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1.1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1.1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1.1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	Gasoline Range Organics C6-C12	ND	7.50		ma/Ka-drv	1	8/20/2012 10:29:00 PM
Surr: Fluorobenzene 96.3 65-135 %REC 1 8/20/2012 10:29:00 PM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Vinyl chloride ND 0.00300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.00300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0135 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane <td< td=""><td>Surr: 1.2-Dichloroethane-d4</td><td>99.8</td><td>65-135</td><td></td><td>%REC</td><td>1</td><td>8/20/2012 10:29:00 PM</td></td<>	Surr: 1.2-Dichloroethane-d4	99.8	65-135		%REC	1	8/20/2012 10:29:00 PM
Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Vinyi chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.135 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Antroper constraine ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Antroper constraine ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane	Surr: Fluorobenzene	96.3	65-135		%REC	1	8/20/2012 10:29:00 PM
Dichlorodifluoromethane (CFC-12) ND 0.0900 * mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloromethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Vinyl chloride ND 0.00300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.135 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.135 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM trans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	5 Analyst: EM
Chloromethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM Vinyl chloride ND 0.00300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.135 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1.1-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methyl tert-butyl ether (MTBE) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloroppane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	Dichlorodifluoromethane (CFC-12)	ND	0.0900	*	mg/Kg-dry	1	8/20/2012 10:29:00 PM
Vinyl chloride ND 0.00300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Bromomethane ND 0.135 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM trans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	Chloromethane	ND	0.0900		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Bromomethane ND 0.135 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Itrans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methyl tert-butyl ether (MTBE) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	Vinyl chloride	ND	0.00300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Trichlorofluoromethane (CFC-11) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM trans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methyl tert-butyl ether (MTBE) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloroptpane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM <	Bromomethane	ND	0.135		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Chloroethane ND 0.0900 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM trans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methyl tert-butyl ether (MTBE) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM </td <td>Trichlorofluoromethane (CFC-11)</td> <td>ND</td> <td>0.0750</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/20/2012 10:29:00 PM</td>	Trichlorofluoromethane (CFC-11)	ND	0.0750		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,1-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methylene chloride ND 0.0300 mg/Kg-dry 1 8/22/2012 12:25:00 PM trans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methyl tert-butyl ether (MTBE) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29	Chloroethane	ND	0.0900		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Methylene chloride ND 0.0300 mg/Kg-dry 1 8/22/2012 12:25:00 PM trans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methyl tert-butyl ether (MTBE) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM<	1,1-Dichloroethene	ND	0.0750		mg/Kg-dry	1	8/20/2012 10:29:00 PM
trans-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Methyl tert-butyl ether (MTBE) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethene ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry <	Methylene chloride	ND	0.0300		mg/Kg-dry	1	8/22/2012 12:25:00 PM
Methyl tert-butyl ether (MTBE) ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloropropane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM <td>trans-1,2-Dichloroethene</td> <td>ND</td> <td>0.0300</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/20/2012 10:29:00 PM</td>	trans-1,2-Dichloroethene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,1-Dichloroethane ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 2,2-Dichloropropane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2	Methyl tert-butyl ether (MTBE)	ND	0.0750		mg/Kg-dry	1	8/20/2012 10:29:00 PM
2,2-Dichloropropane ND 0.0750 mg/Kg-dry 1 8/20/2012 10:29:00 PM cis-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0450 mg/Kg-dry 1 <t< td=""><td>1,1-Dichloroethane</td><td>ND</td><td>0.0300</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/20/2012 10:29:00 PM</td></t<>	1,1-Dichloroethane	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
cis-1,2-Dichloroethene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloroptopene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Carbon tetrachloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM	2,2-Dichloropropane	ND	0.0750		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Chloroform ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Carbon tetrachloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM	cis-1,2-Dichloroethene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,1,1-Trichloroethane (TCA) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Carbon tetrachloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	Chloroform	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,1-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Carbon tetrachloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	1,1,1-Trichloroethane (TCA)	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Carbon tetrachloride ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM 1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM	1,1-Dichloropropene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,2-Dichloroethane (EDC) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM	Carbon tetrachloride	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Benzene ND 0.0300 mg/Kg-dry 1 8/20/2012 10:29:00 PM Trichloroethene (TCE) ND 0.0450 mg/Kg-dry 1 8/20/2012 10:29:00 PM	1,2-Dichloroethane (EDC)	ND	0.0450		mg/Kg-drv	1	8/20/2012 10:29:00 PM
Trichloroethene (TCF) ND 0.0450 ma/Ka-drv 1 8/20/2012 10:29:00 PM	Benzene	ND	0.0300		mg/Kg-drv	1	8/20/2012 10:29:00 PM
	Trichloroethene (TCE)	ND	0.0450		mg/Kg-dry	1	8/20/2012 10:29:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/14/2012 9:45					
Project: Former Pace Kirkland						
Lab ID: 1208084-011				Matrix: So	bil	
Client Sample ID: GP-24-11						
Analyses	Beault	ы	Qual	Unito	DE	Data Analyzad
Analyses	Result	KL	Quai	Units	DF	Date Analyzed
				Detel		Analysty EM
Volatile Organic Compounds by E	PAMethod	8260		Balci	1 ID: 2985	Analyst: EM
1,2-Dichloropropane	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Bromodichloromethane	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Dibromomethane	ND	0.0600		mg/Kg-dry	1	8/20/2012 10:29:00 PM
cis-1,3-Dichloropropene	ND	0.0300	*	mg/Kg-dry	1	8/20/2012 10:29:00 PM
Toluene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
trans-1,3-Dichloropropylene	ND	0.0450	*	mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,1,2-Trichloroethane	ND	0.0450		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1.3-Dichloropropane	ND	0.0750		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Tetrachloroethene (PCE)	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Dibromochloromethane	ND	0.0450		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1.2-Dibromoethane (EDB)	ND	0.00750		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Chlorobenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0450		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Ethylbenzene	ND	0.0450		mg/Kg-dry	1	8/20/2012 10:29:00 PM
m,p-Xylene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
o-Xylene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Styrene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Isopropylbenzene	ND	0.120		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Bromoform	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
n-Propylbenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Bromobenzene	ND	0.0450		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,3,5-Trimethylbenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
2-Chlorotoluene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
4-Chlorotoluene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
tert-Butylbenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,2,3-Trichloropropane	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,2,4-Trichlorobenzene	ND	0.0750		mg/Kg-dry	1	8/20/2012 10:29:00 PM
sec-Butylbenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
4-Isopropyltoluene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1.3-Dichlorobenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,4-Dichlorobenzene	ND	0.0300		mg/Kq-drv	1	8/20/2012 10:29:00 PM
n-Butylbenzene	ND	0.0300		mg/Ka-drv	1	8/20/2012 10:29:00 PM
1,2-Dichlorobenzene	ND	0.0300		mg/Kq-drv	1	8/20/2012 10:29:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0450		mg/Kg-drv	1	8/20/2012 10:29:00 PM
· · · · · · · · ·				5 5 5		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/	14/2012 9:45:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208084-011				Matrix: So	oil	
Client Sample ID: GP-24-11						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Hexachlorobutadiene	ND	0.150		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Naphthalene	ND	0.0450		mg/Kg-dry	1	8/20/2012 10:29:00 PM
1,2,3-Trichlorobenzene	ND	0.0300		mg/Kg-dry	1	8/20/2012 10:29:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.5	63.1-141		%REC	1	8/20/2012 10:29:00 PM
Surr: Dibromofluoromethane	103	67.6-119		%REC	1	8/20/2012 10:29:00 PM
Surr: Toluene-d8	99.7	78.5-126		%REC	1	8/20/2012 10:29:00 PM
NOTES:						
* Flagged value is not within established con	trol limits					
Sample Moisture (Percent Moistur	<u>e)</u>			Batch	n ID: R537	71 Analyst: SC
Percent Moisture	16.6			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	. Collection Date: 8/14/2012 10:25:					
				Metrix: Ca		
				watrix: Sc	011	
Client Sample ID: GP-25-3						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	ו ID: 2989	Analyst: SG
Diesel (Fuel Oil)	ND	21.6		mg/Kg-dry	1	8/18/2012 2:26:00 AM
Diesel Range Organics (C12-C24)	ND	21.6		mg/Kg-dry	1	8/18/2012 2:26:00 AM
Heavy Oil	ND	53.9		mg/Kg-dry	1	8/18/2012 2:26:00 AM
Surr: 2-Fluorobiphenyl	101	50-150		%REC	1	8/18/2012 2:26:00 AM
Surr: o-Terphenyl	95.6	50-150		%REC	1	8/18/2012 2:26:00 AM
Gasoline by NWTPH-Gx				Batch	ו ID: R537	0 Analyst: EM
Gasoline	ND	5.81		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Gasoline Range Organics C6-C12	ND	5.81		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Surr: 1,2-Dichloroethane-d4	107	65-135		%REC	1	8/20/2012 11:00:00 PM
Surr: Fluorobenzene	102	65-135		%REC	1	8/20/2012 11:00:00 PM
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ו ID: 2985	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0698	*	mg/Kg-dry	1	8/20/2012 11:00:00 PM
Chloromethane	ND	0.0698		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Vinyl chloride	ND	0.00233		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Bromomethane	ND	0.105		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0581		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Chloroethane	ND	0.0698		mg/Kg-dry	1	8/20/2012 11:00:00 PM
1,1-Dichloroethene	ND	0.0581		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Methylene chloride	ND	0.0233		mg/Kg-dry	1	8/22/2012 12:58:00 PM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0581		mg/Kg-dry	1	8/20/2012 11:00:00 PM
1,1-Dichloroethane	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM
2,2-Dichloropropane	ND	0.0581		mg/Kg-dry	1	8/20/2012 11:00:00 PM
cis-1.2-Dichloroethene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM
Chloroform	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM
1.1.1-Trichloroethane (TCA)	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM
1.1-Dichloropropene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM
Carbon tetrachloride	ND	0.0233		mg/Ka-drv	1	8/20/2012 11:00:00 PM
1.2-Dichloroethane (EDC)	ND	0.0349		ma/Ka-drv	1	8/20/2012 11:00:00 PM
Benzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM
Trichloroethene (TCE)	ND	0.0349		mg/Kg-dry	1	8/20/2012 11:00:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 10:25:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208084-014				Matrix: So	bil		
Client Sample ID: GP-25-3							
Analyzan	Beault	ы	Qual	Unito	DE	Data Analyzad	
Analyses	Result	KL	Quai	Units	DF	Date Analyzed	
				Detel			
Volatile Organic Compounds by E	PAMethod	8260		Datci	TID. 2900	Analyst. Em	
1,2-Dichloropropane	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Bromodichloromethane	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Dibromomethane	ND	0.0465		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
cis-1,3-Dichloropropene	ND	0.0233	*	mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Toluene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
trans-1,3-Dichloropropylene	ND	0.0349	*	mg/Kg-dry	1	8/20/2012 11:00:00 PM	
1,1,2-Trichloroethane	ND	0.0349		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
1,3-Dichloropropane	ND	0.0581		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Tetrachloroethene (PCE)	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Dibromochloromethane	ND	0.0349		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
1,2-Dibromoethane (EDB)	ND	0.00581		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Chlorobenzene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
1,1,1,2-Tetrachloroethane	ND	0.0349		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Ethylbenzene	ND	0.0349		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
m,p-Xylene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
o-Xylene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Styrene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Isopropylbenzene	ND	0.0930		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
Bromoform	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM	
1.1.2.2-Tetrachloroethane	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
n-Propylbenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
Bromobenzene	ND	0.0349		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
1.3.5-Trimethylbenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
2-Chlorotoluene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
4-Chlorotoluene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
tert-Butvlbenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
1.2.3-Trichloropropane	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
1.2.4-Trichlorobenzene	ND	0.0581		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
sec-Butvlbenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
4-Isopropyltoluene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
1.3-Dichlorobenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
1.4-Dichlorobenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
n-Butvlbenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
1.2-Dichlorobenzene	ND	0.0233		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
1.2-Dibromo-3-chloropropane	ND	0.0349		ma/Ka-drv	1	8/20/2012 11:00:00 PM	
		0.00-0		inging ary	•	5.13/2012 11:00:00 1 W	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/	14/2012 10:25:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208084-014				Matrix: Sc	bil	
Client Sample ID: GP-25-3						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	5 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Hexachlorobutadiene	ND	0.116		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Naphthalene	ND	0.0349		mg/Kg-dry	1	8/20/2012 11:00:00 PM
1,2,3-Trichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/20/2012 11:00:00 PM
Surr: 1-Bromo-4-fluorobenzene	99.0	63.1-141		%REC	1	8/20/2012 11:00:00 PM
Surr: Dibromofluoromethane	102	67.6-119		%REC	1	8/20/2012 11:00:00 PM
Surr: Toluene-d8	101	78.5-126		%REC	1	8/20/2012 11:00:00 PM
NOTES:						
* Flagged value is not within established con	trol limits					
Sample Moisture (Percent Moistur	<u>e)</u>			Batch	n ID: R537	71 Analyst: SC
Percent Moisture	11.4			wt%	1	8/17/2012 1:20:00 PM

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 10:45:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208084-016				Matrix: Sc	bil	
Client Sample ID: GP-25-12.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
	nooun		Quu.	01110	21	2400741419204
Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	n ID: 2989	Analyst: SG
Diesel (Fuel Oil)	ND	21.4		mg/Kg-dry	1	8/18/2012 2:53:00 AM
Diesel Range Organics (C12-C24)	ND	21.4		mg/Kg-dry	1	8/18/2012 2:53:00 AM
Heavy Oil	ND	53.4		mg/Kg-dry	1	8/18/2012 2:53:00 AM
Surr: 2-Fluorobiphenyl	98.7	50-150		%REC	1	8/18/2012 2:53:00 AM
Surr: o-Terphenyl	94.3	50-150		%REC	1	8/18/2012 2:53:00 AM
Gasoline by NWTPH-Gx				Batch	1 ID: R537	70 Analyst: EM
Gasoline	ND	7.47		ma/Ka-drv	1	8/20/2012 11:32:00 PM
Gasoline Range Organics C6-C12	ND	7.47		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Surr: 1,2-Dichloroethane-d4	104	65-135		%REC	1	8/20/2012 11:32:00 PM
Surr: Fluorobenzene	103	65-135		%REC	1	8/20/2012 11:32:00 PM
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0896	*	ma/Ka-drv	1	8/20/2012 11:32:00 PM
Chloromethane	ND	0.0896		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Vinyl chloride	ND	0.00299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Bromomethane	ND	0.134		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0747		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Chloroethane	ND	0.0896		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,1-Dichloroethene	ND	0.0747		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Methylene chloride	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
trans-1,2-Dichloroethene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0747		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,1-Dichloroethane	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
2,2-Dichloropropane	ND	0.0747		mg/Kg-dry	1	8/20/2012 11:32:00 PM
cis-1,2-Dichloroethene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Chloroform	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,1-Dichloropropene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Carbon tetrachloride	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,2-Dichloroethane (EDC)	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Benzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Trichloroethene (TCE)	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 10:45					4/2012 10:45:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208084-016				Matrix: So	bil	
Client Sample ID: GP-25-12 5						
	Desult		Qual	l Inite		Data Analyzad
Analyses	Result	RL	Quai	Units	UF	Date Analyzed
				Data		
Volatile Organic Compounds by E	PA Method	8260		Batch	1 ID: 2985	Analyst: EM
1,2-Dichloropropane	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Bromodichloromethane	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Dibromomethane	ND	0.0598		mg/Kg-dry	1	8/20/2012 11:32:00 PM
cis-1,3-Dichloropropene	ND	0.0299	*	mg/Kg-dry	1	8/20/2012 11:32:00 PM
Toluene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
trans-1,3-Dichloropropylene	ND	0.0448	*	mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,1,2-Trichloroethane	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,3-Dichloropropane	ND	0.0747		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Tetrachloroethene (PCE)	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Dibromochloromethane	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1.2-Dibromoethane (EDB)	ND	0.00747		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Chlorobenzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Ethylbenzene	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM
m,p-Xylene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
o-Xylene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Styrene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Isopropylbenzene	ND	0.120		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Bromoform	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
n-Propylbenzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Bromobenzene	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1.3.5-Trimethylbenzene	ND	0.0299		ma/Ka-drv	1	8/20/2012 11:32:00 PM
2-Chlorotoluene	ND	0.0299		ma/Ka-drv	1	8/20/2012 11:32:00 PM
4-Chlorotoluene	ND	0.0299		ma/Ka-drv	1	8/20/2012 11:32:00 PM
tert-Butylbenzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1.2.3-Trichloropropane	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,2,4-Trichlorobenzene	ND	0.0747		mg/Kg-dry	1	8/20/2012 11:32:00 PM
sec-Butylbenzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
4-Isopropyltoluene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,3-Dichlorobenzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,4-Dichlorobenzene	ND	0.0299		mg/Kq-drv	1	8/20/2012 11:32:00 PM
n-Butylbenzene	ND	0.0299		mg/Ka-drv	1	8/20/2012 11:32:00 PM
1,2-Dichlorobenzene	ND	0.0299		mg/Kq-drv	1	8/20/2012 11:32:00 PM
1.2-Dibromo-3-chloropropane	ND	0.0448		mg/Ka-drv	1	8/20/2012 11:32:00 PM
· · · · · · · · · ·				5 5 5		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 10:45:00 AM					14/2012 10:45:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208084-016				Matrix: Sc	bil	
Client Sample ID: GP-25-12.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	5 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Hexachlorobutadiene	ND	0.149		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Naphthalene	ND	0.0448		mg/Kg-dry	1	8/20/2012 11:32:00 PM
1,2,3-Trichlorobenzene	ND	0.0299		mg/Kg-dry	1	8/20/2012 11:32:00 PM
Surr: 1-Bromo-4-fluorobenzene	96.4	63.1-141		%REC	1	8/20/2012 11:32:00 PM
Surr: Dibromofluoromethane	98.1	67.6-119		%REC	1	8/20/2012 11:32:00 PM
Surr: Toluene-d8	98.1	78.5-126		%REC	1	8/20/2012 11:32:00 PM
NOTES:						
* Flagged value is not within established con	trol limits					
Sample Moisture (Percent Moistur	<u>re)</u>			Batch	n ID: R53	71 Analyst: SC
Percent Moisture	20.0			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В	A

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 11:40:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208084-019			Matrix: Soil				
Client Sample ID: HA-8-2							
Analyssa	Booult	ы	Qual	Unito	DE	Data Analyzad	
Analyses	Result	RL	Quai	Units	DF	Date Analyzeu	
Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	ו ID: 2989	Analyst: SG	
Diesel (Fuel Oil)	ND	17.8		mg/Kg-dry	1	8/18/2012 3:21:00 AM	
Diesel Range Organics (C12-C24)	ND	17.8		mg/Kg-dry	1	8/18/2012 3:21:00 AM	
Heavy Oil	ND	44.6		mg/Kg-dry	1	8/18/2012 3:21:00 AM	
Surr: 2-Fluorobiphenyl	94.6	50-150		%REC	1	8/18/2012 3:21:00 AM	
Surr: o-Terphenyl	91.5	50-150		%REC	1	8/18/2012 3:21:00 AM	
Gasoline by NWTPH-Gx				Batch	ו ID: R537	70 Analyst: EM	
Gasoline	ND	6.00		ma/Ka-drv	1	8/21/2012 12:04:00 AM	
Gasoline Range Organics C6-C12	ND	6.00		ma/Ka-drv	1	8/21/2012 12:04:00 AM	
Surr: 1 2-Dichloroethane-d4	102	65-135		%RFC	1	8/21/2012 12:04:00 AM	
Surr: Fluorobenzene	98.7	65-135		%REC	1	8/21/2012 12:04:00 AM	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ו ID: 2985	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0720	*	mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Chloromethane	ND	0.0720		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Vinyl chloride	ND	0.00240		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Bromomethane	ND	0.108		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0600		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Chloroethane	ND	0.0720		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
1,1-Dichloroethene	ND	0.0600		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Methylene chloride	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
trans-1,2-Dichloroethene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0600		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
1,1-Dichloroethane	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
2,2-Dichloropropane	ND	0.0600		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
cis-1,2-Dichloroethene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
Chloroform	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM	
1.1.1-Trichloroethane (TCA)	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM	
1.1-Dichloropropene	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM	
Carbon tetrachloride	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM	
1 2-Dichloroethane (FDC)	ND	0.0360		ma/Ka-drv	1	8/21/2012 12:04:00 AM	
Benzene		0 0240		mg/Kg_dry	1	8/21/2012 12:04:00 AM	
Trichloroethene (TCE)	ND	0.0360		mg/Kg-dry	1	8/21/2012 12:04:00 AM	
. ,				/			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 11:40:00					4/2012 11:40:00 AM
Project: Former Pace Kirkland						
I ab ID: 1208084-019				Matrix: Sc	vil	
Client Semple ID: UA 9.2					///	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2-Dichloropropane	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Bromodichloromethane	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Dibromomethane	ND	0.0480	.	mg/Kg-dry	1	8/21/2012 12:04:00 AM
cis-1,3-Dichloropropene	ND	0.0240	^	mg/Kg-dry	1	8/21/2012 12:04:00 AM
Toluene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
trans-1,3-Dichloropropylene	ND	0.0360	*	mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,1,2-Trichloroethane	ND	0.0360		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,3-Dichloropropane	ND	0.0600		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Tetrachloroethene (PCE)	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Dibromochloromethane	ND	0.0360		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,2-Dibromoethane (EDB)	ND	0.00600		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Chlorobenzene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0360		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Ethylbenzene	ND	0.0360		mg/Kg-dry	1	8/21/2012 12:04:00 AM
m,p-Xylene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
o-Xylene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Styrene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Isopropylbenzene	ND	0.0960		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Bromoform	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
n-Propylbenzene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Bromobenzene	ND	0.0360		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,3,5-Trimethylbenzene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
2-Chlorotoluene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
4-Chlorotoluene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
tert-Butylbenzene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,2,3-Trichloropropane	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1.2.4-Trichlorobenzene	ND	0.0600		mg/Kg-dry	1	8/21/2012 12:04:00 AM
sec-Butylbenzene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
4-Isopropyltoluene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1.3-Dichlorobenzene	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM
1.4-Dichlorobenzene	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM
n-Butvlbenzene	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM
1.2-Dichlorobenzene	ND	0.0240		ma/Ka-drv	1	8/21/2012 12:04:00 AM
1 2-Dibromo-3-chloropropane	ND	0.0360		ma/Ka-drv	1	8/21/2012 12:04:00 AM
		0.0000		ing/itg-uiy		0,21/2012 12.04.00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 11:40:00 AM					14/2012 11:40:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208084-019				Matrix: So	oil	
Client Sample ID: HA-8-2						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Hexachlorobutadiene	ND	0.120		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Naphthalene	ND	0.0360		mg/Kg-dry	1	8/21/2012 12:04:00 AM
1,2,3-Trichlorobenzene	ND	0.0240		mg/Kg-dry	1	8/21/2012 12:04:00 AM
Surr: 1-Bromo-4-fluorobenzene	103	63.1-141		%REC	1	8/21/2012 12:04:00 AM
Surr: Dibromofluoromethane	101	67.6-119		%REC	1	8/21/2012 12:04:00 AM
Surr: Toluene-d8	104	78.5-126		%REC	1	8/21/2012 12:04:00 AM
NOTES:						
* Flagged value is not within established cont	rol limits					
Sample Moisture (Percent Moisture	<u>e)</u>			Batch	n ID: R537	1 Analyst: SC
Percent Moisture	5.51			wt%	1	8/17/2012 1:20:00 PM

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab D: 1208084-022 Satti Soil Client Sample ID: HA-7-2 Madyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch Diesel (Fuel Oil) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Diesel Range Organics (C12-C24) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Surr: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3:48:00 AM Surr: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-GX Batch Dr. 8/18/2012 3:48:00 AM Surr: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline ange Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Olacible Organic Compounds by EPA Method 826D Batch	Client: PES Environmental, Inc.	Collection Date: 8/14/2012 1:10:00 F					14/2012 1:10:00 PM
Lab ID: 1208084-022 Matrix: Soil Client Sample ID: HA-7-2 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 22.0 mg/Kg-dry 1 8/18/2012 3/48.00 AM Diesel Range Organics (C12-C24) ND 22.0 mg/Kg-dry 1 8/18/2012 3/48.00 AM Sur:: 2-Fluorobiphenyl 96.4 50-150 %rREC 1 8/18/2012 3/48.00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline ange Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1/07:00 AM Sur:: 1.2-Dichloroethane-d4 106 65-135 %rREC 1 8/21/2012 1/07:00 AM Sur:: 1.2-Dichloroethane-d4 106 65-135 %rREC 1 8/21/2012 1/07:00 AM Volatile Organics C6-C12 ND 0.0569 mg/Kg-dry 1 8/21/2012 1/07:00 AM Volatile Organic Compounds by EPA	Project: Former Pace Kirkland						
Name Result RL Qual Units PF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 22.0 mg/Kg-dry 1 8/18/2012 3/48.00 AM Diesel Range Organics (C12-C24) ND 25.0 mg/Kg-dry 1 8/18/2012 3/48.00 AM Sur: 2-Fluorobiphenyl 96.4 60-160 %REC 1 8/18/2012 3/48.00 AM Sur: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3/48.00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Corganics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Sur: 1-2-Dichloroethane-44 106 65-135 %REC 1 8/21/2012 1:07:00 AM Sur: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organics C6-C12 ND 0.0569 * mg/Kg-dry 1 8/21/2012 1:07:00 AM Chromethane ND 0.00599 *	Lab ID: 1208084-022				Matrix: Sc	bil	
Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Diesel (Fuel Oil) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Busice 2-Horotoliphenyl 96.4 50-150 %/REC 1 8/18/2012 3:48:00 AM Sur: 2-Horotoliphenyl 93.4 50-150 %/REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Sur: 1,2-Dichtorotentane-04 106 65-135 %/REC 1 8/21/2012 1:07:00 AM Sur: 1,2-Dichtorotentane-04 106 65-135 %/REC 1 8/21/2012 1:07:00 AM Sur: 1,2-Dichtorotentane-04 106 65-135 %/REC 1 8/21/2012 1:07:00 AM Chatile Organic Compounds by EPA Method 8260 Batch ID: 2985 <	Client Sample ID: HA-7-2						
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analysi: SG Diesel (Fuel Oil) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Diesel Range Organics (C12-C24) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Biesel Range Organics (C12-C24) ND 55.1 mg/Kg-dry 1 8/18/2012 3:48:00 AM Sur: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Sur: 1-2-Dichloroethane-04 106 65-135 %REC 1 8/21/2012 1:07:00 AM Sur: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM <t< th=""><th>Analyses</th><th>Result</th><th>RL</th><th>Qual</th><th>Units</th><th>DF</th><th>Date Analyzed</th></t<>	Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel Range Organics (C12-C24) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Buesy I Range Organics (C12-C24) ND 25.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Surr: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3:48:00 AM Surr: 0-Terphenyl 93.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-GX Batch ID: R537 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Olchorodfluoromethane (CFC-12) ND 0.0569 * mg/Kg-dry 1 8/21/2012 1:07:00 AM Dichorodfluoromethane (CFC-11) ND 0.0569 * mg/Kg-dry 1 8/21/2012 1:07:00 AM Ticholoffluoromethane (CFC-11) <th></th> <th></th> <th></th> <th>4</th> <th>•</th> <th></th> <th></th>				4	•		
Diesel (Fuel Oil) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Diesel Range Organics (C12-C24) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Heav Oil ND 55.1 mg/Kg-dry 1 8/18/2012 3:48:00 AM Surr: 2-Terphenyl 93.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-CSX Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Surr: 1,2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Surr: 1,2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 3260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Rimomethane ND 0.00569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloromethane ND 0.00569 mg/Kg-dry	Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	ו ID: 2989	Analyst: SG
Diesel Range Organics (C12-C24) ND 22.0 mg/Kg-dry 1 8/18/2012 3:48:00 AM Heavy Oil ND 55.1 mg/Kg-dry 1 8/18/2012 3:48:00 AM Surr: 2-Fluorobiphenyi 93.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Surr: 1-2-Dichtoroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichoroethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Vind chiorofiluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chioromethane ND 0.0659 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chioroethane ND 0.0569	Diesel (Fuel Oil)	ND	22.0		mg/Kg-dry	1	8/18/2012 3:48:00 AM
Heavy Oil ND 55.1 mg/Kg-dry 1 8/18/2012 3:48:00 AM Surr: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3:48:00 AM Surr: o-Terphenyl 93.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Surr: 1.2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.06569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Ticholorofluoromethane (CFC-11) ND	Diesel Range Organics (C12-C24)	ND	22.0		mg/Kg-dry	1	8/18/2012 3:48:00 AM
Sur: 2-Fluorobiphenyl 96.4 50-150 %REC 1 8/18/2012 3:48:00 AM Sur: o-Terphenyl 93.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Sur: 1.2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Sur: Fluorobenzere 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Vinyl chloride ND 0.00190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Vingle-Inder ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Vingle-Inder ND 0.0659 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry	Heavy Oil	ND	55.1		mg/Kg-dry	1	8/18/2012 3:48:00 AM
Sur: c-Terphenyl 93.4 50-150 %REC 1 8/18/2012 3:48:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline name Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Sur: 1,2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Sur: 1,2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Sur: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 29/5 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.00864 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane <t< td=""><td>Surr: 2-Fluorobiphenyl</td><td>96.4</td><td>50-150</td><td></td><td>%REC</td><td>1</td><td>8/18/2012 3:48:00 AM</td></t<>	Surr: 2-Fluorobiphenyl	96.4	50-150		%REC	1	8/18/2012 3:48:00 AM
Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Sur: 1.2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Sur: 1.2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Sur: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Stromomethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.0684 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1.1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1.1-Dichloroethene ND 0.0474 mg/Kg-dry	Surr: o-Terphenyl	93.4	50-150		%REC	1	8/18/2012 3:48:00 AM
Gasoline ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Surr: 1,2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Viny chloride ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.00569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1.1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1.1-Dichloroethane ND<	Gasoline by NWTPH-Gx				Batch	1 ID: R537	70 Analyst: EM
Gasoline Range Organics C6-C12 ND 4.74 mg/Kg-dry 1 8/21/2012 1:07:00 AM Surr: 1,2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Ving chiorodename ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroffluoromethane (CFC-11) ND 0.0854 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroffluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroffluoroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM	Gasoline	ND	4.74		ma/Ka-drv	1	8/21/2012 1:07:00 AM
Surr: 1,2-Dichloroethane-d4 106 65-135 %REC 1 8/21/2012 1:07:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 * mg/Kg-dry 1 8/21/2012 1:07:00 AM Vinyl chloride ND 0.0569 * mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.00569 * mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM	Gasoline Range Organics C6-C12	ND	4.74		ma/Ka-drv	1	8/21/2012 1:07:00 AM
Surr: Fluorobenzene 101 65-135 %REC 1 8/21/2012 1:07:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloromethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Vinyl chloride ND 0.00190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.0659 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM trans-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM dist-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane <td< td=""><td>Surr: 1.2-Dichloroethane-d4</td><td>106</td><td>65-135</td><td></td><td>%REC</td><td>1</td><td>8/21/2012 1:07:00 AM</td></td<>	Surr: 1.2-Dichloroethane-d4	106	65-135		%REC	1	8/21/2012 1:07:00 AM
Wolatile Organic Compounds by EPA Method 8260 Bath ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloromethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.00584 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Andrex ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1.1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2.2-Dichloroethane	Surr: Fluorobenzene	101	65-135		%REC	1	8/21/2012 1:07:00 AM
Dichlorodifluoromethane (CFC-12) ND 0.0569 * mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloromethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Vinyl chloride ND 0.00190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.0854 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM trans-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2,2-Dichloroptopane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM <td>Volatile Organic Compounds by E</td> <td>PA Method</td> <td><u>8260</u></td> <td></td> <td>Batch</td> <td>n ID: 2985</td> <td>Analyst: EM</td>	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
Chloromethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM Vinyl chloride ND 0.00190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.0854 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methyl tert-butyl ether (MTBE) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2,2-Dichloropropane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1,	Dichlorodifluoromethane (CFC-12)	ND	0.0569	*	mg/Kg-dry	1	8/21/2012 1:07:00 AM
Vinyl chloride ND 0.00190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Bromomethane ND 0.0854 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Itrans-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methyl tert-butyl ether (MTBE) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2,2-Dichloropropane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM cis-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM	Chloromethane	ND	0.0569		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Bromomethane ND 0.0854 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Itrans-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methyl tert-butyl ether (MTBE) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2,2-Dichloropthane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM cis-1,2-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM <tr< td=""><td>Vinyl chloride</td><td>ND</td><td>0.00190</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/21/2012 1:07:00 AM</td></tr<>	Vinyl chloride	ND	0.00190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Trichlorofluoromethane (CFC-11) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroethane ND 0.0569 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethene ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methylene chloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM trans-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Methyl tert-butyl ether (MTBE) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2,2-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM cis-1,2-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM cis-1,2-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM <td>Bromomethane</td> <td>ND</td> <td>0.0854</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/21/2012 1:07:00 AM</td>	Bromomethane	ND	0.0854		mg/Kg-dry	1	8/21/2012 1:07:00 AM
ChloroethaneND0.0569mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloroetheneND0.0474mg/Kg-dry18/21/2012 1:07:00 AMMethylene chlorideND0.0190mg/Kg-dry18/21/2012 1:07:00 AMtrans-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMMethyl tert-butyl ether (MTBE)ND0.0474mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloroethaneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM2,2-DichloropthaneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM2,2-DichloroetheneND0.0474mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1,1-Trichloroethane (TCA)ND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1,1-DichloropropeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,2-Dichloroethane (EDC)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AM1,2-Dichloroethane (EDC)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AMBenzeneND0.0190mg/Kg-dry18/21	Trichlorofluoromethane (CFC-11)	ND	0.0474		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,1-DichloroetheneND0.0474mg/Kg-dry18/21/2012 1:07:00 AMMethylene chlorideND0.0190mg/Kg-dry18/21/2012 1:07:00 AMtrans-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMMethyl tert-butyl ether (MTBE)ND0.0474mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloroethaneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM2,2-DichloropropaneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1,1-Trichloroethane (TCA)ND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloropropeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,2-Dichloroethane (EDC)ND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,2-Dichloroethane (EDC)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AMBenzeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMTrichloroethene (TCE)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AM	Chloroethane	ND	0.0569		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Methylene chlorideND0.0190mg/Kg-dry18/21/2012 1:07:00 AMtrans-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMMethyl tert-butyl ether (MTBE)ND0.0474mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloroethaneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM2,2-DichloropropaneND0.0474mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0474mg/Kg-dry18/21/2012 1:07:00 AMChloroformND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1-Trichloroethane (TCA)ND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloropropeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloropropeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloropropeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,2-Dichloroethane (EDC)ND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,2-Dichloroethane (EDC)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AMBenzeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMTrichloroethene (TCE)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AM	1,1-Dichloroethene	ND	0.0474		mg/Kg-dry	1	8/21/2012 1:07:00 AM
trans-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMMethyl tert-butyl ether (MTBE)ND0.0474mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloroethaneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM2,2-DichloropropaneND0.0474mg/Kg-dry18/21/2012 1:07:00 AMcis-1,2-DichloroetheneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMChloroformND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1,1-Trichloroethane (TCA)ND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1-DichloropropaneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,1,1-Trichloroethane (TCA)ND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,2-DichloropropeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AM1,2-Dichloroethane (EDC)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AMBenzeneND0.0190mg/Kg-dry18/21/2012 1:07:00 AMTrichloroethene (TCE)ND0.0285mg/Kg-dry18/21/2012 1:07:00 AM	Methylene chloride	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Methyl tert-butyl ether (MTBE) ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2,2-Dichloropropane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM cis-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroform ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM	trans-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,1-Dichloroethane ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 2,2-Dichloropropane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM cis-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroform ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Carbon tetrachloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	Methyl tert-butyl ether (MTBE)	ND	0.0474		mg/Kg-dry	1	8/21/2012 1:07:00 AM
2,2-Dichloropropane ND 0.0474 mg/Kg-dry 1 8/21/2012 1:07:00 AM cis-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroform ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Carbon tetrachloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	1,1-Dichloroethane	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
cis-1,2-Dichloroethene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Chloroform ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Carbon tetrachloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM	2,2-Dichloropropane	ND	0.0474		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Chloroform ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Carbon tetrachloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	cis-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,1,1-Trichloroethane (TCA) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Carbon tetrachloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	Chloroform	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,1-Dichloropropene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Carbon tetrachloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	1,1,1-Trichloroethane (TCA)	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Carbon tetrachloride ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM 1,2-Dichloroethane (EDC) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	1,1-Dichloropropene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,2-Dichloroethane (EDC) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	Carbon tetrachloride	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Benzene ND 0.0190 mg/Kg-dry 1 8/21/2012 1:07:00 AM Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	1,2-Dichloroethane (EDC)	ND	0.0285		mg/Kg-drv	1	8/21/2012 1:07:00 AM
Trichloroethene (TCE) ND 0.0285 mg/Kg-dry 1 8/21/2012 1:07:00 AM	Benzene	ND	0.0190		mg/Kg-drv	1	8/21/2012 1:07:00 AM
	Trichloroethene (TCE)	ND	0.0285		mg/Kg-dry	1	8/21/2012 1:07:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 1:10:00 F					4/2012 1:10:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-022				Matrix: So	bil	
Client Sample ID: HA-7-2						
	Beault	ы	Qual	Unito	DE	Data Analyzad
Analyses	Result	KL	Quai	Units	DF	Date Analyzed
Volatilo Organic Compounds by E	DA Mothod	8260		Batch	1 ID [.] 2985	Analyst [.] FM
volatile organic compounds by E		0200		Duto	110. 2000	
1,2-Dichloropropane	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Bromodichloromethane	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Dibromomethane	ND	0.0380		mg/Kg-dry	1	8/21/2012 1:07:00 AM
cis-1,3-Dichloropropene	ND	0.0190	*	mg/Kg-dry	1	8/21/2012 1:07:00 AM
Toluene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
trans-1,3-Dichloropropylene	ND	0.0285	*	mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,1,2-Trichloroethane	ND	0.0285		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,3-Dichloropropane	ND	0.0474		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Tetrachloroethene (PCE)	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Dibromochloromethane	ND	0.0285		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1.2-Dibromoethane (EDB)	ND	0.00474		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Chlorobenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0285		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Ethylbenzene	ND	0.0285		mg/Kg-dry	1	8/21/2012 1:07:00 AM
m,p-Xylene	0.0190	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
o-Xylene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Styrene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Isopropylbenzene	ND	0.0759		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Bromoform	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
n-Propylbenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Bromobenzene	ND	0.0285		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1.3.5-Trimethylbenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
2-Chlorotoluene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
4-Chlorotoluene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
tert-Butylbenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1.2.3-Trichloropropane	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,2,4-Trichlorobenzene	ND	0.0474		mg/Kg-dry	1	8/21/2012 1:07:00 AM
sec-Butylbenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
4-Isopropyltoluene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1.3-Dichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,4-Dichlorobenzene	ND	0.0190		mg/Kq-drv	1	8/21/2012 1:07:00 AM
n-Butylbenzene	ND	0.0190		mg/Ka-drv	1	8/21/2012 1:07:00 AM
1,2-Dichlorobenzene	ND	0.0190		mg/Ka-drv	1	8/21/2012 1:07:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0285		mg/Kg-drv	1	8/21/2012 1:07:00 AM
,				5 -5 5		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 1:10:00 PM					14/2012 1:10:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-022				Matrix: So	oil	
Client Sample ID: HA-7-2						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by I	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Hexachlorobutadiene	ND	0.0949		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Naphthalene	ND	0.0285		mg/Kg-dry	1	8/21/2012 1:07:00 AM
1,2,3-Trichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/21/2012 1:07:00 AM
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	8/21/2012 1:07:00 AM
Surr: Dibromofluoromethane	99.8	67.6-119		%REC	1	8/21/2012 1:07:00 AM
Surr: Toluene-d8	100	78.5-126		%REC	1	8/21/2012 1:07:00 AM
NOTES:						
* Flagged value is not within established co	ntrol limits					
Sample Moisture (Percent Moistu	<u>re)</u>			Batch	ı ID: R537	1 Analyst: SC
Percent Moisture	14.8			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В	

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 1:15:00 P					e: 8/14/2012 1:15:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-023				Matrix: So	bil	
Client Sample ID: HA-7-6						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3	3048 Analyst: EM
Benzene	ND	0.0188		mg/Kg-dry	1	8/26/2012 8:48:00 AM
Toluene	ND	0.0188		mg/Kg-dry	1	8/26/2012 8:48:00 AM
Ethylbenzene	ND	0.0282		mg/Kg-dry	1	8/26/2012 8:48:00 AM
m,p-Xylene	ND	0.0188		mg/Kg-dry	1	8/26/2012 8:48:00 AM
o-Xylene	ND	0.0188		mg/Kg-dry	1	8/26/2012 8:48:00 AM
Surr: 1-Bromo-4-fluorobenzene	107	63.1-141		%REC	1	8/26/2012 8:48:00 AM
Surr: Dibromofluoromethane	91.0	67.6-119		%REC	1	8/26/2012 8:48:00 AM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/26/2012 8:48:00 AM
Sample Moisture (Percent Moistu	<u>ire)</u>			Batch	ו ID: I	R5456 Analyst: SG
Percent Moisture	17.8			wt%	1	8/24/2012 11:05:56 AM

Qualifiers:	В	Ana
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Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/14/2012 1:30:00 F							
Project: Former Pace Kirkland								
Lab ID: 1208084-025	Matrix: Soil							
Client Sample ID: HA-6-2								
Analyses	Result	RI	Qual	Units	DF	Date Analyzed		
, indigeoco	Rooun		Quui	Unite		Bato / analyzou		
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	וD: 2989 וD:	Analyst: SG		
Diesel (Fuel Oil)	ND	19.6		mg/Kg-dry	1	8/18/2012 4:16:00 AM		
Diesel Range Organics (C12-C24)	ND	19.6		mg/Kg-dry	1	8/18/2012 4:16:00 AM		
Heavy Oil	ND	49.0		mg/Kg-dry	1	8/18/2012 4:16:00 AM		
Surr: 2-Fluorobiphenyl	98.0	50-150		%REC	1	8/18/2012 4:16:00 AM		
Surr: o-Terphenyl	93.5	50-150		%REC	1	8/18/2012 4:16:00 AM		
Gasoline by NWTPH-Gx				Batch	n ID: R537	70 Analyst: EM		
Gasoline	ND	6 21		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Gasoline Range Organics C6-C12	ND	6.21		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Surr: 1.2-Dichloroethane-d4	104	65-135		%REC	1	8/21/2012 1:39:00 AM		
Surr: Fluorobenzene	99.8	65-135		%REC	1	8/21/2012 1:39:00 AM		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM		
Dichlorodifluoromethane (CFC-12)	ND	0.0745	*	ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Chloromethane	ND	0.0745		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Vinvl chloride	ND	0.00248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Bromomethane	ND	0.112		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Trichlorofluoromethane (CFC-11)	ND	0.0621		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Chloroethane	ND	0.0745		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
1.1-Dichloroethene	ND	0.0621		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Methylene chloride	ND	0.0248	[RA]	ma/Ka-drv	1	8/30/2012 7:42:00 PM		
trans-1.2-Dichloroethene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Methyl tert-butyl ether (MTBE)	ND	0.0621		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
1.1-Dichloroethane	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
2,2-Dichloropropane	ND	0.0621		mg/Kg-dry	1	8/21/2012 1:39:00 AM		
cis-1.2-Dichloroethene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Chloroform	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
1.1.1-Trichloroethane (TCA)	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
1.1-Dichloropropene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Carbon tetrachloride	ND	0.0248		mg/Ka-drv	1	8/21/2012 1:39:00 AM		
1.2-Dichloroethane (EDC)	ND	0.0372		mg/Ka-drv	1	8/21/2012 1:39:00 AM		
Benzene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM		
Trichloroethene (TCE)	ND	0.0372		mg/Kg-dry	1	8/21/2012 1:39:00 AM		
· ·								

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 1:30:00 PM						
Project: Former Pace Kirkland							
Lab ID: 1208084-025	Matrix: Soil						
Client Sample ID: HA-6-2							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
						-	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ו ID: 2985	Analyst: EM	
1.2-Dichloropropane	ND	0 0248		ma/Ka-dry	1	8/21/2012 1:39:00 AM	
Bromodichloromethane		0.0240		ma/Ka-dry	1	8/21/2012 1:39:00 AM	
Dibromomethane	ND	0.0240		mg/Kg dry	1	8/21/2012 1:39:00 AM	
cis-1.3-Dichloropropene	ND	0.0248	*	ma/Ka-dry	1	8/21/2012 1:39:00 AM	
Toluene	ND	0.0248		ma/Ka-dry	1	8/21/2012 1:39:00 AM	
trans-1.3-Dichloropropylene	ND	0.0372	*	ma/Ka-dry	1	8/21/2012 1:39:00 AM	
1 1 2-Trichloroethane	ND	0.0372		mg/Kg dry	1	8/21/2012 1:39:00 AM	
1 3-Dichloropropage	ND	0.0672		mg/Kg dry	1	8/21/2012 1:39:00 AM	
Tetrachloroethene (PCE)	ND	0.0021		mg/Kg dry	1	8/21/2012 1:39:00 AM	
Dibromochloromethane	ND	0.0240		mg/Kg dry	1	8/21/2012 1:39:00 AM	
1 2-Dibromoethane (EDB)	ND	0.00621		ma/Ka-dry	1	8/21/2012 1:39:00 AM	
Chlorobenzene	ND	0.0248		mg/Kg dry	1	8/21/2012 1:39:00 AM	
1 1 1 2-Tetrachloroethane	ND	0.0372		ma/Ka-dry	1	8/21/2012 1:39:00 AM	
Fthylbenzene	ND	0.0372		ma/Ka-dry	1	8/21/2012 1:39:00 AM	
m p-Xvlene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
o-Xvlene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
Styrene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
Isopropylbenzene	ND	0 0993		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
Bromoform	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
1 1 2 2-Tetrachloroethane	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
n-Propylbenzene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
Bromobenzene	ND	0.0372		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
1.3.5-Trimethylbenzene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
2-Chlorotoluene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM	
4-Chlorotoluene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
tert-Butylbenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
1,2,3-Trichloropropane	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
1,2,4-Trichlorobenzene	ND	0.0621		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
sec-Butylbenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
4-Isopropyltoluene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
1,3-Dichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
1,4-Dichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
n-Butylbenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
1,2-Dichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0372		mg/Kg-dry	1	8/21/2012 1:39:00 AM	
				- •			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 1:30:00 PM					
Project: Former Pace Kirkland						
Lab ID: 1208084-025				Matrix: Sc	oil	
Client Sample ID: HA-6-2						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by I	EPA Method	<u>8260</u>		Batch	n ID: 2985	6 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM
Hexachlorobutadiene	ND	0.124		mg/Kg-dry	1	8/21/2012 1:39:00 AM
Naphthalene	ND	0.0372		mg/Kg-dry	1	8/21/2012 1:39:00 AM
1,2,3-Trichlorobenzene	ND	0.0248		mg/Kg-dry	1	8/21/2012 1:39:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	8/21/2012 1:39:00 AM
Surr: Dibromofluoromethane	101	67.6-119		%REC	1	8/21/2012 1:39:00 AM
Surr: Toluene-d8	97.3	78.5-126		%REC	1	8/21/2012 1:39:00 AM
NOTES:						
* Flagged value is not within established co	ntrol limits					
Methylene Chloride is a common laboratory	solvent.					
Sample Moisture (Percent Moistu	ire)			Batch	n ID: R537	71 Analyst: SC
Percent Moisture	10.3			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В	Analyte detected in the associated Method Blank
	Е	Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



WO#: **1208084** Date Reported: **9/11/2012**

Result	RL	Qual	Matrix: So	il	
Result	RL	Qual	Matrix: So	il	
Result	RL	Qual			
Result	RL	Qual			
		Quai	Units	DF	Date Analyzed
<u>DX EXI.</u>			Batch	n ID: 2989	Analyst: SG
ND	20.5		ma/Ka-drv	1	8/18/2012 4:44:00 AM
ND	20.5		mg/Kg-dry	1	8/18/2012 4:44:00 AM
ND	51.4		mg/Kg-dry	1	8/18/2012 4:44:00 AM
93.7	50-150		%REC	1	8/18/2012 4:44:00 AM
90.4	50-150		%REC	1	8/18/2012 4:44:00 AM
			Batch	1D: R537	70 Analyst: EM
ND	4.80		ma/Ka-drv	1	8/21/2012 2:10:00 AM
ND	4.80		ma/Ka-drv	1	8/21/2012 2:10:00 AM
112	65-135		%REC	1	8/21/2012 2:10:00 AM
106	65-135		%REC	1	8/21/2012 2:10:00 AM
Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
ND	0.0576	*	mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0576		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.00192		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0863		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0576		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0192	[RA]	mg/Kg-dry	1	9/6/2012 2:58:00 PM
ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM
ND	0.0192		mg/Kq-drv	1	8/21/2012 2:10:00 AM
ND	0.0192		mg/Kq-drv	1	8/21/2012 2:10:00 AM
ND	0.0192		mg/Ka-drv	1	8/21/2012 2:10:00 AM
ND	0.0288		ma/Ka-drv	1	8/21/2012 2:10:00 AM
ND	0.0192		ma/Ka-drv	1	8/21/2012 2:10:00 AM
ND	0.0288		mg/Kg-drv	1	8/21/2012 2:10:00 AM
	ND ND ND 93.7 90.4 ND 112 106 A Method ND ND ND ND ND ND ND ND ND ND ND ND ND	ND 20.5 ND 20.5 ND 51.4 93.7 50-150 90.4 50-150 90.4 50-150 ND 4.80 112 65-135 106 65-135 106 65-135 AMethod 8260 ND ND 0.0576 ND 0.0576 ND 0.0863 ND 0.0480 ND 0.0480 ND 0.0192 ND 0.0480 ND 0.0192 ND 0.0192	ND 20.5 ND 20.5 ND 51.4 93.7 50-150 90.4 50-150 90.4 50-150 ND 4.80 112 65-135 106 65-135 AMethod 8260 * ND 0.0576 ND 0.0633 ND 0.0480 ND 0.0192 ND	ND 20.5 mg/Kg-dry mg/Kg-dry mg/Kg-dry ND 51.4 mg/Kg-dry 93.7 50-150 %REC 90.4 50-150 %REC 90.4 50-150 %REC ND 4.80 mg/Kg-dry ND 4.80 mg/Kg-dry ND 4.80 mg/Kg-dry 112 65-135 %REC A Method 8260 Batch ND 0.0576 * mg/Kg-dry ND 0.0576 mg/Kg-dry ND 0.0576 mg/Kg-dry ND 0.0683 mg/Kg-dry ND 0.0480 mg/Kg-dry ND 0.0480 mg/Kg-dry ND 0.0192 mg/Kg-dry	ND 20.5 mg/Kg-dry 1 ND 20.5 mg/Kg-dry 1 93.7 50-150 %REC 1 90.4 50-150 %REC 1 90.4 50-150 %REC 1 Batch ID: R537 ND 4.80 mg/Kg-dry 1 ND 4.80 mg/Kg-dry 1 112 65-135 %REC 1 MD 0.0576 * mg/Kg-dry 1 12 2985 ND 0.0576 * mg/Kg-dry 1 12 2985 ND 0.0576 * mg/Kg-dry 1 10

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.		Collection Date: 8/14/2012 2:00:00 PM					
Project: Former Pace Kirkland							
I ab ID: 1208084-028	Matrix: Soil						
Client Sample ID: HA-5-2							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ı ID: 2985	Analyst: EM	
1 2-Dichloropropane	ND	0 0192		ma/Ka-drv	1	8/21/2012 2:10:00 AM	
Bromodichloromethane	ND	0.0192		ma/Ka-drv	1	8/21/2012 2:10:00 AM	
Dibromomethane	ND	0.0384		ma/Ka-drv	1	8/21/2012 2:10:00 AM	
cis-1.3-Dichloropropene	ND	0.0192	*	ma/Ka-drv	1	8/21/2012 2:10:00 AM	
Toluene	ND	0.0192		ma/Ka-drv	1	8/21/2012 2:10:00 AM	
trans-1.3-Dichloropropylene	ND	0.0288	*	mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,1,2-Trichloroethane	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,3-Dichloropropane	ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Tetrachloroethene (PCE)	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Dibromochloromethane	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,2-Dibromoethane (EDB)	ND	0.00480		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Chlorobenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Ethylbenzene	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
m,p-Xylene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
o-Xylene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Styrene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Isopropylbenzene	ND	0.0767		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Bromoform	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
n-Propylbenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
Bromobenzene	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,3,5-Trimethylbenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
2-Chlorotoluene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
4-Chlorotoluene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
tert-Butylbenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,2,3-Trichloropropane	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,2,4-Trichlorobenzene	ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
sec-Butylbenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
4-Isopropyltoluene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,3-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,4-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
n-Butylbenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,2-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 2:00:00 PM					14/2012 2:00:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-028				Matrix: Sc	bil	
Client Sample ID: HA-5-2						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	EPA Method	<u>8260</u>		Batch	n ID: 2985	5 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM
Hexachlorobutadiene	ND	0.0959		mg/Kg-dry	1	8/21/2012 2:10:00 AM
Naphthalene	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM
1,2,3-Trichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM
Surr: 1-Bromo-4-fluorobenzene	108	63.1-141		%REC	1	8/21/2012 2:10:00 AM
Surr: Dibromofluoromethane	100	67.6-119		%REC	1	8/21/2012 2:10:00 AM
Surr: Toluene-d8	98.6	78.5-126		%REC	1	8/21/2012 2:10:00 AM
NOTES:						
* Flagged value is not within established cor	ntrol limits					
Methylene Chloride is a common laboratory	solvent.					
Sample Moisture (Percent Moistu	<u>re)</u>			Batch	n ID: R537	71 Analyst: SC
Percent Moisture	6.95			wt%	1	8/17/2012 1:20:00 PM

Qualifiers:	В	Analyte detected in	the associated Method Blank
	_		

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	nc. Collection Date: 8/13/2012 3:00:00							
Project: Former Pace Kirkland								
Lab ID: 1208084-031	Matrix: Soil							
Client Sample ID: GP-7-3								
	Popult	ы	Qual	Unito	DE	Data Analyzad		
Analyses	Result	RL	Quai	Units	DF	Date Analyzeu		
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 2989	Analyst: SG		
Diesel (Fuel Oil)	ND	19.6		mg/Kg-dry	1	8/18/2012 5:39:00 AM		
Diesel Range Organics (C12-C24)	31.3	19.6		mg/Kg-dry	1	8/18/2012 5:39:00 AM		
Heavy Oil	ND	49.0		mg/Kg-dry	1	8/18/2012 5:39:00 AM		
Surr: 2-Fluorobiphenyl	91.7	50-150		%REC	1	8/18/2012 5:39:00 AM		
Surr: o-Terphenyl	95.3	50-150		%REC	1	8/18/2012 5:39:00 AM		
Gasoline by NWTPH-Gx				Batch	ı ID: R537	0 Analyst: EM		
Gasoline	ND	5.32		ma/Ka-drv	1	8/21/2012 2:42:00 AM		
Gasoline Range Organics C6-C12	ND	5.32		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Surr: 1.2-Dichloroethane-d4	107	65-135		%REC	1	8/21/2012 2:42:00 AM		
Surr: Fluorobenzene	103	65-135		%REC	1	8/21/2012 2:42:00 AM		
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	ı ID: 2985	Analyst: EM		
Dichlorodifluoromethane (CFC-12)	ND	0.0638	*	mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Chloromethane	ND	0.0638		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Vinyl chloride	ND	0.00213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Bromomethane	ND	0.0957		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Trichlorofluoromethane (CFC-11)	ND	0.0532		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Chloroethane	ND	0.0638		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
1,1-Dichloroethene	ND	0.0532		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Methylene chloride	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Methyl tert-butyl ether (MTBE)	ND	0.0532		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
1,1-Dichloroethane	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
2,2-Dichloropropane	ND	0.0532		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Chloroform	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
1,1,1-Trichloroethane (TCA)	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
1,1-Dichloropropene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Carbon tetrachloride	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
1,2-Dichloroethane (EDC)	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Benzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM		
Trichloroethene (TCE)	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/13/2012 3:00:00 PM						
Project: Former Pace Kirkland							
Lab ID: 1208084-031	Matrix: Soil						
Client Sample ID: GP-7-3							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM	
1,2-Dichloropropane	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Bromodichloromethane	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Dibromomethane	ND	0.0426		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
cis-1,3-Dichloropropene	ND	0.0213	*	mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Toluene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
trans-1,3-Dichloropropylene	ND	0.0319	*	mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,1,2-Trichloroethane	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,3-Dichloropropane	ND	0.0532		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Tetrachloroethene (PCE)	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Dibromochloromethane	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,2-Dibromoethane (EDB)	ND	0.00532		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Chlorobenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Ethylbenzene	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
m,p-Xylene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
o-Xylene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Styrene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Isopropylbenzene	ND	0.0851		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Bromoform	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
n-Propylbenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
Bromobenzene	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,3,5-Trimethylbenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
2-Chlorotoluene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
4-Chlorotoluene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
tert-Butylbenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,2,3-Trichloropropane	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,2,4-Trichlorobenzene	ND	0.0532		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
sec-Butylbenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
4-Isopropyltoluene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,3-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,4-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
n-Butylbenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,2-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was requiredH Holding times for prep

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits

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WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	13/2012 3:00:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-031				Matrix: Sc	bil	
Client Sample ID: GP-7-3						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method		Batch	n ID: 2985	Analyst: EM	
1,2,4-Trimethylbenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM
Hexachlorobutadiene	ND	0.106		mg/Kg-dry	1	8/21/2012 2:42:00 AM
Naphthalene	ND	0.0319		mg/Kg-dry	1	8/21/2012 2:42:00 AM
1,2,3-Trichlorobenzene	ND	0.0213		mg/Kg-dry	1	8/21/2012 2:42:00 AM
Surr: 1-Bromo-4-fluorobenzene	98.2	63.1-141		%REC	1	8/21/2012 2:42:00 AM
Surr: Dibromofluoromethane	99.2	67.6-119		%REC	1	8/21/2012 2:42:00 AM
Surr: Toluene-d8	97.9	78.5-126		%REC	1	8/21/2012 2:42:00 AM
NOTES:						
* Flagged value is not within established con	trol limits					
Sample Moisture (Percent Moistur	<u>e)</u>			Batch	ı ID: R534	3 Analyst: AO
Percent Moisture	7.71			wt%	1	8/16/2012 1:31:04 PM

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab D: 1208084-033 Matrix: Soil Client Sample ID: GP-7-12.5 Malyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel Range Organics (C12-C24) ND 23.8 mg/Kg-dry 1 8/18/2012.6.06.00 AM Surr: 2-Fluorobiphenyl 94.7 50-150 %REC 1 8/18/2012.6.06.00 AM Surr: 2-Fluorobiphenyl 94.7 50-150 %REC 1 8/18/2012.6.06.00 AM Gasoline by NWTPH-GX Batch ID: 8/372 Analyst: EM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012.3:14:00 AM Surr: 1-Diorbentane-d4 98.0 65-135 %REC 1 8/21/2012.3:14:00 AM Surr: Fluorobenzene 98.0 0.0871 mg/Kg-dry 1 8/21/2012.3:14:00 AM Surr: Fluorobenzene ND 0.0871 mg/Kg-dry<	Client: PES Environmental, Inc.				Collection	Date: 8/7	13/2012 3:15:00 PM
Lab ID: 1208084-033 Matrix: Soil Client Sample ID: GP-7-12.5 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 23.8 mg/Kg-dry 1 8/18/2012.6.06.00 AM Diesel Range Organics (C12-C24) ND 23.8 mg/Kg-dry 1 8/18/2012.6.06.00 AM Surr: o Terphenyl 94.7 50-150 %REC 1 8/18/2012.6.06.00 AM Surr: o Terphenyl 94.7 50-150 %REC 1 8/18/2012.6.06.00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012.3.14.00 AM Surr: 1.2-Dichloroethane-d4 103 65-135 %REC 1 8/21/2012.3.14.00 AM Surr: 1.2-Dichloroethane ND 0.0871 mg/Kg-dry 1 8/21/2012.3.14.00 AM Choromethane ND	Project: Former Pace Kirkland						
Charles Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 23.8 mg/Kg-dry 1 8/18/2012 6.06.00 AM Diesel Gragnics (C12-C24) ND 23.8 mg/Kg-dry 1 8/18/2012 6.06.00 AM Batch ID: 2980 MIR 2012 6.06.00 AM mg/Kg-dry 1 8/18/2012 6.06.00 AM Sur: 2-Fluorobiphenyl 94.7 50-150 %REC 1 8/18/2012 6.06.00 AM Gasoline by NWTPH-GX Batch ID: R537 Analyst: EM Gasoline ange Organics O6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Sur: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Sur: Fluorobenzene 98.0 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Sur: Fluorobenzene ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chatel Corganic CCC-C12) ND 0.0871 mg/Kg-dry 1	Lab ID: 1208084-033				Matrix: Sc	oil	
Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Diesel (Fuel Oil) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Heavy Oil ND 59.6 mg/Kg-dry 1 8/18/2012 6:06:00 AM Sur: 2-Fluorobiphenyl 94.7 50-150 %REC 1 8/18/2012 6:06:00 AM Sur: o-Terphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Sur: 1.2-Dichiorobenzene 90.0 65-135 %REC 1 8/21/2012 3:14:00 AM Mohrodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloromethane ND 0.0871 * mg	Client Sample ID: GP-7-12.5						
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Diesel Range Organics (C12-C24) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Busel (Fuel Oil) ND 59.6 mg/Kg-dry 1 8/18/2012 6:06:00 AM Sur: 2-Fluorobiphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Sur: 0-Terphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Sur: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Vind chorde	Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Beavy Oil ND 59.6 mg/Kg-dry 1 8/18/2012 6:06:00 AM Surr: 2-Fluorobiphenyl 94.7 50-150 %REC 1 8/18/2012 6:06:00 AM Surr: 2-Terphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline by NWTPH-Gx Batch ID: R537 Analyst: EM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Surr: Fluorobenzene 96.0 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodfluoromethane (CFC-12) ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Yinyl chioride ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Yinyl chioride ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM				4	•		
Diesel (Fuel Oil) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Diesel Range Organics (C12-C24) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Surr: 2-Fluorobiphenyl 94.7 50-160 %REC 1 8/18/2012 6:06:00 AM Surr: 2-Fluorobiphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline ND 7.26 mg/Kg-dry 1 8/18/2012 6:06:00 AM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Surr: 1,2-Dichloroethane-d4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Surr: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Chlorodtfluoromethane (CFC-12) ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorodtfluoromethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Tichlorodtfluoromethane (CFC-12) ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM	Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	n ID: 2989	Analyst: SG
Diesel Range Organics (C12-C24) ND 23.8 mg/Kg-dry 1 8/18/2012 6:06:00 AM Heavy Oil ND 59.6 mg/Kg-dry 1 8/18/2012 6:06:00 AM Surr: 2-Fluorobiphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Surr: 1-2-Dichloroethane-d4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Surr: 1-2-Dichloroethane-d4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Surr: 1-2-Dichloroethane-d4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloromethane (CFC-12) ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofthuoromethane (CFC-11)	Diesel (Fuel Oil)	ND	23.8		mg/Kg-dry	1	8/18/2012 6:06:00 AM
Heavy Oil ND 59.6 mg/Kg-dry 1 8/18/2012 6:06:00 AM Surr: 2-Fluorobiphenyl 94.7 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline compounds by NWTPH-GX Batch ID: 8/18/2012 6:06:00 AM Gasoline compounds by NWTPH-GX Batch ID: 8/18/2012 6:06:00 AM Gasoline compounds by NWTPH-GX Batch ID: 8/18/2012 6:06:00 AM Gasoline compounds by NWTPH-GX Batch ID: 8/18/2012 6:14:00 AM Gasoline compounds by SPA Method 8260 mg/Kg-dry 1 8/21/2012 3:14:00 AM Surr: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Vlatile Organic Compounds by EPA Method 8260 Batch ID: 29/20 2:14:00 AM Mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloromethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.0131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0276	Diesel Range Organics (C12-C24)	ND	23.8		mg/Kg-dry	1	8/18/2012 6:06:00 AM
Sur: 2-Fluorobiphenyl 94.7 50-150 %REC 1 8/18/2012 6:06:00 AM Sur: o-Terphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline cancel of the second o	Heavy Oil	ND	59.6		mg/Kg-dry	1	8/18/2012 6:06:00 AM
Surr: o-Terphenyl 92.0 50-150 %REC 1 8/18/2012 6:06:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline ange Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Surr: 1.2-Dichloroethane-d4 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Surr: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Strommethane ND 0.00290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Richorothane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichloroethane <td< td=""><td>Surr: 2-Fluorobiphenyl</td><td>94.7</td><td>50-150</td><td></td><td>%REC</td><td>1</td><td>8/18/2012 6:06:00 AM</td></td<>	Surr: 2-Fluorobiphenyl	94.7	50-150		%REC	1	8/18/2012 6:06:00 AM
Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Sur: 1,2-Dichloroethane-G4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Sur: 1,2-Dichloroethane-G4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organics Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Romomethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Stromomethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Analyst: EM ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Anthyt tert-butyl ether (MTBE) <td>Surr: o-Terphenyl</td> <td>92.0</td> <td>50-150</td> <td></td> <td>%REC</td> <td>1</td> <td>8/18/2012 6:06:00 AM</td>	Surr: o-Terphenyl	92.0	50-150		%REC	1	8/18/2012 6:06:00 AM
Gasoline ND 7.26 ND mg/Kg-dry 1 8/21/2012 3:14:00 AM Mg/Kg-dry 1 Surr: 1,2-Dichloroethane-d4 Surr: Fluorobenzene 103 65-135 %REC 1 8/21/2012 3:14:00 AM Surr: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Choromethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Sromomethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Chioromethane ND 0.0131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichloroffluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chioroethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1.1-Dichloroethene ND 0.0290 mg/Kg-dry 1 <td>Gasoline by NWTPH-Gx</td> <td></td> <td></td> <td></td> <td>Batch</td> <td>1 ID: R537</td> <td>0 Analyst: EM</td>	Gasoline by NWTPH-Gx				Batch	1 ID: R537	0 Analyst: EM
Gasoline Range Organics C6-C12 ND 7.26 mg/Kg-dry 1 8/21/2012 3:14:00 AM Surr: 1,2-Dichloroethane-d4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Surr: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Dichlorodifluoromethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Dichlorodifluoromethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Itrans-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/	Gasoline	ND	7.26		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Surr: 1,2-Dichloroethane-d4 103 65-135 %REC 1 8/21/2012 3:14:00 AM Surr: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloromethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Vinyl chloride ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.0131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethane ND <td>Gasoline Range Organics C6-C12</td> <td>ND</td> <td>7.26</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/21/2012 3:14:00 AM</td>	Gasoline Range Organics C6-C12	ND	7.26		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Surr: Fluorobenzene 98.0 65-135 %REC 1 8/21/2012 3:14:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 298 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloromethane ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Vinyl chloride ND 0.0131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.0131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1.1-Dichloroethene ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1.1-Dichloroethane ND<	Surr: 1,2-Dichloroethane-d4	103	65-135		%REC	1	8/21/2012 3:14:00 AM
Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analys: EM Dichlorodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloromethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Vinyl chloride ND 0.02290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethene ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 2,2-Dichloroethene ND	Surr: Fluorobenzene	98.0	65-135		%REC	1	8/21/2012 3:14:00 AM
Dichlorodifluoromethane (CFC-12) ND 0.0871 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloromethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Vinyl chloride ND 0.00290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethene ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methyl tert-butyl ether (MTBE) ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 2,2-Dichloropropane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
Chloromethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM Vinyl chloride ND 0.00290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane ND 0.131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethene ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM 2,2-Dichloroethane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM cis-1,2-Dichloroethane	Dichlorodifluoromethane (CFC-12)	ND	0.0871	*	ma/Ka-drv	1	8/21/2012 3:14:00 AM
Vinyl chloride ND 0.00290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromomethane ND 0.131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethene ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM ftars-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 2,2-Dichloropthane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM cis-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM <	Chloromethane	ND	0.0871		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Bromomethane ND 0.131 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichlorofluoromethane (CFC-11) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chloroethane ND 0.0871 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethene ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methylene chloride ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Methyl tert-butyl ether (MTBE) ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1-Dichloroethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 2,2-Dichloroptopane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM cis-1,2-Dichloroethene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	Vinyl chloride	ND	0.00290		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Trichlorofluoromethane (CFC-11)ND0.0726mg/Kg-dry18/21/2012 3:14:00 AMChloroethaneND0.0871mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroetheneND0.0726mg/Kg-dry18/21/2012 3:14:00 AMMethylene chlorideND0.0290mg/Kg-dry18/21/2012 3:14:00 AMtrans-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMMethyl tert-butyl ether (MTBE)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM2,2-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM2,2-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0290mg/Kg-dry<	Bromomethane	ND	0.131		mg/Kg-dry	1	8/21/2012 3:14:00 AM
ChloroethaneND0.0871mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroetheneND0.0726mg/Kg-dry18/21/2012 3:14:00 AMMethylene chlorideND0.0290mg/Kg-dry18/21/2012 3:14:00 AMtrans-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMMethyl tert-butyl ether (MTBE)ND0.0726mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM2,2-DichloropthaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM2,2-DichloroetheneND0.0726mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroptopeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AMBenzeneND0.0290mg/Kg-dry18/21/2	Trichlorofluoromethane (CFC-11)	ND	0.0726		mg/Kg-dry	1	8/21/2012 3:14:00 AM
1,1-DichloroetheneND0.0726mg/Kg-dry18/21/2012 3:14:00 AMMethylene chlorideND0.0290mg/Kg-dry18/21/2012 3:14:00 AMtrans-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMMethyl tert-butyl ether (MTBE)ND0.0726mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM2,2-DichloropropaneND0.0726mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMChloroformND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroptopeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroptopeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-DichloroptopeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AMBenzeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMTrichloroethene (TCE)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AM	Chloroethane	ND	0.0871		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Methylene chlorideND0.0290mg/Kg-dry18/21/2012 3:14:00 AMtrans-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMMethyl tert-butyl ether (MTBE)ND0.0726mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM2,2-DichloropropaneND0.0726mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMChloroformND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AMBenzeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMTrichloroethene (TCE)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AM	1,1-Dichloroethene	ND	0.0726		mg/Kg-dry	1	8/21/2012 3:14:00 AM
trans-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMMethyl tert-butyl ether (MTBE)ND0.0726mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloroethaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM2,2-DichloropropaneND0.0726mg/Kg-dry18/21/2012 3:14:00 AMcis-1,2-DichloroetheneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMChloroformND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropaneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AMBenzeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMTrichloroethene (TCE)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AM	Methylene chloride	ND	0.0290		mg/Kg-dry	1	8/21/2012 3:14:00 AM
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ChloroformND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1,1-Trichloroethane (TCA)ND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,1-DichloropropeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMCarbon tetrachlorideND0.0290mg/Kg-dry18/21/2012 3:14:00 AM1,2-Dichloroethane (EDC)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AMBenzeneND0.0290mg/Kg-dry18/21/2012 3:14:00 AMTrichloroethene (TCE)ND0.0435mg/Kg-dry18/21/2012 3:14:00 AM	cis-1,2-Dichloroethene	ND	0.0290		mg/Kg-dry	1	8/21/2012 3:14:00 AM
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1,2-Dichloroethane (EDC) ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM Benzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichloroethene (TCE) ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM	Carbon tetrachloride	ND	0.0290		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Benzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Trichloroethene (TCE) ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM	1,2-Dichloroethane (EDC)	ND	0.0435		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Trichloroethene (TCE) ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM	Benzene	ND	0.0290		mg/Kg-dry	1	8/21/2012 3:14:00 AM
	Trichloroethene (TCE)	ND	0.0435		mg/Kg-dry	1	8/21/2012 3:14:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: 1208084-033 Matrix: Soil Client Sample ID: GP-7-12.5 Malian DF Date Analyzed Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM 1,2-Dichloropropane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromodichloromethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromomethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM cis-1,3-Dichloropropene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Toluene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropylene ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane	/1
Lab ID: 1208084-033 Matrix: Soil Client Sample ID: GP-7-12.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM 1,2-Dichloropropane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromodichloromethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromomethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM roluene ND 0.0290 * mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,3-Dichloropropulene ND 0.0290 * mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,3-Dichloropropylene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Trichloropthane ND 0.0435 * mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/20	
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Volatile Organic Compounds by EPA Method 3280 Batch ID. 2903 Rharyst. EM 1,2-Dichloropropane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Bromodichloromethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromomethane ND 0.0580 mg/Kg-dry 1 8/21/2012 3:14:00 AM cis-1,3-Dichloropropene ND 0.0290 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Toluene ND 0.0290 * mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1,2-Trichloropropylene ND 0.0435 * mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropylene ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
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Dibromomethane ND 0.0580 mg/Kg-dry 1 8/21/2012 3:14:00 AM cis-1,3-Dichloropropene ND 0.0290 * mg/Kg-dry 1 8/21/2012 3:14:00 AM Toluene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,3-Dichloropropylene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,3-Dichloropropylene ND 0.0435 * mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1,2-Trichloroethane ND 0.0435 * mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Tetrachloroethene (PCE) ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromochloromethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry <td< td=""><td></td></td<>	
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Toluene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM trans-1,3-Dichloropropylene ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1,2-Trichloroethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Tetrachloroethene (PCE) ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromochloromethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
trans-1,3-Dichloropropylene ND 0.0435 * mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,1,2-Trichloroethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Tetrachloroethene (PCE) ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromochloromethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorobenzene ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,1,2-Trichloroethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Tetrachloroethene (PCE) ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromochloromethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,3-Dichloropropane ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Tetrachloroethene (PCE) ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromochloromethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Tetrachloroethene (PCE) ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM Dibromochloromethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Dibromochloromethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM 1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,2-Dibromoethane (EDB) ND 0.00726 mg/Kg-dry 1 8/21/2012 3:14:00 AM Chlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Chlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,1,1,2-Tetrachloroethane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Ethylbenzene ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
m,p-Xylene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
o-Xylene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Styrene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Isopropylbenzene ND 0.116 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Bromoform ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,1,2,2-Tetrachloroethane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
n-Propylbenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
Bromobenzene ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,3,5-Trimethylbenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
2-Chlorotoluene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
4-Chlorotoluene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
tert-Butylbenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,2,3-Trichloropropane ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,2,4-Trichlorobenzene ND 0.0726 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
sec-Butylbenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
4-Isopropyltoluene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,3-Dichlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,4-Dichlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
n-Butylbenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,2-Dichlorobenzene ND 0.0290 mg/Kg-dry 1 8/21/2012 3:14:00 AM	
1,2-Dibromo-3-chloropropane ND 0.0435 mg/Kg-dry 1 8/21/2012 3:14:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	3/2012 3:15:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-033				Matrix: Sc	bil	
Client Sample ID: GP-7-12.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0290		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Hexachlorobutadiene	ND	0.145		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Naphthalene	ND	0.0435		mg/Kg-dry	1	8/21/2012 3:14:00 AM
1,2,3-Trichlorobenzene	ND	0.0290		mg/Kg-dry	1	8/21/2012 3:14:00 AM
Surr: 1-Bromo-4-fluorobenzene	96.7	63.1-141		%REC	1	8/21/2012 3:14:00 AM
Surr: Dibromofluoromethane	98.9	67.6-119		%REC	1	8/21/2012 3:14:00 AM
Surr: Toluene-d8	99.8	78.5-126		%REC	1	8/21/2012 3:14:00 AM
NOTES:						
* Flagged value is not within established co	ntrol limits					
Sample Moisture (Percent Moistu	ire)			Batch	n ID: R534	3 Analyst: AO
Percent Moisture	19.5			wt%	1	8/16/2012 1:31:04 PM

Qualifiers:	В	A

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: 1208084-035 Matrix: Soil Client Sample ID: GP-7-22.5 Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch D: 2989 Analyst: SG Diesel (Fuel Oil) ND 23.9 mg/Kg-dry 1 8/18/2012-63:400 AM Diesel Range Organics (C12-C24) ND 23.9 mg/Kg-dry 1 8/18/2012-63:400 AM Surr: 2-Fluorobiphenyl 95.1 50-150 %REC 1 8/18/2012-63:400 AM Surr: 2-Fluorobiphenyl 93.9 50-150 %REC 1 8/17/2012-10:16:00 AM Surr: 1-Diorobenzene ND 7.00 65-135 %REC	Client: PES Environmental, Inc.	Collection Date: 8/13/2012 3:30:00 PM									
Lab ID: 1208084-035 Matrix: Soil Client Sample ID: GP-7-22.5 Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel Range Organics (C12-C24) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM Diesel Range Organics (C12-C24) ND 59.7 mg/Kg-dry 1 8/18/2012 6:34:00 AM Surr: o Terphenyl 95.1 50-150 % REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline concentration of the structure o	Project: Former Pace Kirkland										
Charles Result RL Qual Units DF Date Analyses Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyse: SG Diesel (Fuel Oil) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM Diesel Range Organics (C12-C24) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM Heavy Oil ND 59.7 mg/Kg-dry 1 8/18/2012 6:34:00 AM Sur: 2-Fluorobiphenyl 95.1 50-150 %REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-GX Batch ID: R537 Analyst: EM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Sur: 1,2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Sur: Fluorobenzene 103 67-13 %REC 1 8/17/2012 10:16:00 AM Volatile Organic C6-C12 ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Stromonthane ND 0.0823 mg/Kg-dry 1<	Lab ID: 1208084-035				Matrix: So	bil					
Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2999 Analyst: SG Diesel Range Organics (C12-C24) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM Heavy Oil ND 59.7 mg/Kg-dry 1 8/18/2012 6:34:00 AM Surr: 2-Fluorobiphenyl 95.1 50-150 %/REC 1 8/18/2012 6:34:00 AM Surr: 2-Fluorobiphenyl 93.9 50-150 %/REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Surr: 1.2-Dichlorodethane-04 77.0 65-135 %/REC 1 8/17/2012 10:16:00 AM Surr: 1.2-Dichlorodethane-04 77.0 65-135 %/REC 1 8/17/2012 10:16:00 AM Chlorodethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chlorodethane ND 0.0283 mg/K	Client Sample ID: GP-7-22.5										
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel (Fuel Oil) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM Diesel Range Organics (C12-C24) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM HeavyOil ND 59.7 mg/Kg-dry 1 8/18/2012 6:34:00 AM Surr: 2-Fluorobiphenyl 95.1 50-150 %REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Qrganics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Surr: 12-Dichloredhane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Surr: 12-Dichloredhane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vind chiodid ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Analyses	Result	RL	Qual	Units	DF	Date Analyzed				
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 2989 Analyst: SG Diesel Range Organics (C12-C24) ND 23.9 mg/Kg-dry 1 &/18/2012 6.34.00 AM Heavy Oil ND 59.7 mg/Kg-dry 1 &/18/2012 6.34.00 AM Sur: 2-Fluorobiphenyl 95.1 50-150 %REC 1 &/18/2012 6.34.00 AM Sur: 0-Terphenyl 95.1 50-150 %REC 1 &/18/2012 6.34.00 AM Gasoline by NWTPH-GX Batch ID: R537 Analyst: EM Gasoline ange Organics C6-C12 ND 7.09 mg/Kg-dry 1 &/17/2012 10:16:00 AM Sur: 1,2-Dichloroethane-64 77.0 65-135 %REC 1 &/17/2012 10:16:00 AM Sur: 1,2-Dichloroethane-(CFC-12) ND 0.0850 mg/Kg-dry 1 &/17/2012 10:16:00 AM Vinyl choride ND 0.0850 mg/Kg-dry 1 &/17/2012 10:16:00 AM Sur: 1,2-Dichloroethane (CFC-12) ND 0.0850 mg/Kg-dry 1 &/17/2012 10:16:00 AM Vinyl choride ND 0.0283 mg/Kg-dr	_						_				
Diesel (Fuel Oli) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM Diesel Range Organics (C12-C24) ND 59.7 mg/Kg-dry 1 8/18/2012 6:34:00 AM Surr: 2-Fluorobiphenyl 93.9 50-150 %REC 1 8/18/2012 6:34:00 AM Surr: 0-Terphenyl 93.9 50-150 %REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-GX Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Surr: 12-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Surr: Fluorobenzene 103 66-135 %REC 1 8/17/2012 10:16:00 AM Chloromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Stromenthane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichiorodifuoromethane (CFC-12)	Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	n ID: 2989	9 Analyst: SG				
Diesel Range Organics (C12-C24) ND 23.9 mg/Kg-dry 1 8/18/2012 6:34:00 AM Heavy Oil ND 59.7 mg/Kg-dry 1 8/18/2012 6:34:00 AM Surr: 2-Fluorobiphenyl 95.1 50-150 %REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Surr: 7L-Dichtoroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Surr: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Surr: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Gromomethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0283	Diesel (Fuel Oil)	ND	23.9		mg/Kg-dry	1	8/18/2012 6:34:00 AM				
Heavy Oil ND 59.7 mg/Kg-dry 1 8/18/2012 6:34:00 AM Surr: 2-Fluorobiphenyl 95.1 50-150 %REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline casoline by NWTPH-Gx Batch ID: 8/18/2012 6:34:00 AM Gasoline Ange Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Surr: 1.2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Surr: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Nu quichoide ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0283 mg/Kg-dry 1 8	Diesel Range Organics (C12-C24)	ND	23.9		mg/Kg-dry	1	8/18/2012 6:34:00 AM				
Surr: 2-Fluorobiphenyl 95.1 50-150 %REC 1 8/18/2012 6:34:00 AM Surr: o-Terphenyl 93.9 50-150 %REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Surr: 1.2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Surr: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vingl chloride ND 0.00283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 <td>Heavy Oil</td> <td>ND</td> <td>59.7</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/18/2012 6:34:00 AM</td>	Heavy Oil	ND	59.7		mg/Kg-dry	1	8/18/2012 6:34:00 AM				
Surr: o-Terphenyl 93.9 50-150 %REC 1 8/18/2012 6:34:00 AM Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline ange Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Surr: 1.2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Surr: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 298 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Niro onotestane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorothene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethane ND	Surr: 2-Fluorobiphenyl	95.1	50-150		%REC	1	8/18/2012 6:34:00 AM				
Gasoline by NWTPH-Gx Batch ID: R5370 Analyst: EM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Sur: 1.2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organics Compounds by EPA Method 3260 Mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Stromethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1.1-Dichloroethane ND 0.0283	Surr: o-Terphenyl	93.9	50-150		%REC	1	8/18/2012 6:34:00 AM				
Gasoline ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Gasoline Range Organics C6-C12 ND 7.09 mg/Kg-dry 1 8/17/2012 10:16:00 AM Sur: 1,2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Sur: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.00283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vinyl chloride ND 0.0799 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene ND	Gasoline by NWTPH-Gx				Batch	n ID: R53	70 Analyst: EM				
Gasoline Range Organics C6-C12 ND 7.09 mg/kg-dry 1 8/17/2012 10/16/10 All Surr: 1,2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10/16/10 AM Surr: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10/16/10 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/kg-dry 1 8/17/2012 10/16/00 AM Viny chloride ND 0.0850 mg/kg-dry 1 8/17/2012 10/16/00 AM Bromomethane ND 0.0283 mg/kg-dry 1 8/17/2012 10/16/00 AM Chloroethane ND 0.0709 mg/kg-dry 1 8/17/2012 10/16/00 AM Chloroethane ND 0.0283 mg/kg-dry 1 8/17/2012 10/16/00 AM Methylene chloride ND 0.0709 mg/kg-dry 1 8/17/2012 10/16/00 AM <t< td=""><td>Gasoline</td><td>ND</td><td>7 09</td><td></td><td>ma/Ka-dry</td><td>1</td><td>8/17/2012 10:16:00 AM</td></t<>	Gasoline	ND	7 09		ma/Ka-dry	1	8/17/2012 10:16:00 AM				
Sur: 1,2-Dichloroethane-d4 77.0 65-135 %REC 1 8/17/2012 10:16:00 AM Sur:: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vinyl chloride ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vinyl chloride ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.128 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-	Gasoline Range Organics C6-C12	ND	7.09		ma/Ka-dry	1	8/17/2012 10:16:00 AM				
Surr: Fluorobenzene 103 65-135 %REC 1 8/17/2012 10:16:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chioromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vinyl chloride ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.128 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chioroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND	Surr: 1 2-Dichloroethane-d4	77.0	65-135		%RFC	1	8/17/2012 10:16:00 AM				
Water Batch ID: 2985 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vinyl chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.128 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-butyl ether (MTBE) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloroethane ND 0.0283<	Surr: Fluorobenzene	103	65-135		%REC	1	8/17/2012 10:16:00 AM				
Dichlorodifluoromethane (CFC-12) ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vinyl chloride ND 0.00283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.128 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Itrans-1,2-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloropropane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM <t< td=""><td>Volatile Organic Compounds by E</td><td>PA Method</td><td><u>8260</u></td><td></td><td>Batch</td><td>n ID: 298</td><td>5 Analyst: EM</td></t<>	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 298	5 Analyst: EM				
Chloromethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM Vinyl chloride ND 0.00283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.128 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Itrans-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-bulyl ether (MTBE) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloroppane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Dichlorodifluoromethane (CFC-12)	ND	0.0850		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Viny chloride ND 0.00283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Bromomethane ND 0.128 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM trans-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-butyl ether (MTBE) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloropropane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Chloromethane	ND	0.0850		mg/Kg-dry	1	8/17/2012 10:16:00 AM				
Bromomethane ND 0.128 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM trans-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-butyl ether (MTBE) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloroptopane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Vinvl chloride	ND	0.00283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Trichlorofluoromethane (CFC-11) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM trans-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-butyl ether (MTBE) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloropropane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM </td <td>Bromomethane</td> <td>ND</td> <td>0.128</td> <td></td> <td>ma/Ka-drv</td> <td>1</td> <td>8/17/2012 10:16:00 AM</td>	Bromomethane	ND	0.128		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Chloroethane ND 0.0850 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM trans-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-butyl ether (MTBE) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM chloroform ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Trichlorofluoromethane (CFC-11)	ND	0.0709		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
1,1-Dichloroethene ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM trans-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-butyl ether (MTBE) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16	Chloroethane	ND	0.0850		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Methylene chloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM trans-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Methyl tert-butyl ether (MTBE) ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloropropane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM chloroform ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM<	1.1-Dichloroethene	ND	0.0709		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
trans-1,2-DichloroetheneND0.0283mg/Kg-dry18/17/2012 10:16:00 AMMethyl tert-butyl ether (MTBE)ND0.0709mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloroethaneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM2,2-DichloropropaneND0.0709mg/Kg-dry18/17/2012 10:16:00 AMcis-1,2-DichloroetheneND0.0283mg/Kg-dry18/17/2012 10:16:00 AMChloroformND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1,1-Trichloroethane (TCA)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloropropaneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-Dichloroethane (TCA)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloropropeneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloropropeneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (EDC)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (EDC)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AMBenzeneND0.0283mg/Kg-dry18/17/2012 10:16:00 AMTrichloroethene (TCE)ND0.0425mg/Kg-dry18/17/2012 10:16:00 AM	Methylene chloride	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Methyl tert-butyl ether (MTBE)ND0.0709mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloroethaneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM2,2-DichloropropaneND0.0709mg/Kg-dry18/17/2012 10:16:00 AMcis-1,2-DichloroetheneND0.0283mg/Kg-dry18/17/2012 10:16:00 AMChloroformND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-Trichloroethane (TCA)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloropropeneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloropropeneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (EDC)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (TCE)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (EDC)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (TCE)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM	trans-1,2-Dichloroethene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM				
1,1-Dichloroethane ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 2,2-Dichloropropane ND 0.0709 mg/Kg-dry 1 8/17/2012 10:16:00 AM cis-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroform ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM Benzene ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1	Methyl tert-butyl ether (MTBE)	ND	0.0709		mg/Kg-dry	1	8/17/2012 10:16:00 AM				
2,2-DichloropropaneND0.0709mg/Kg-dry18/17/2012 10:16:00 AMcis-1,2-DichloroetheneND0.0283mg/Kg-dry18/17/2012 10:16:00 AMChloroformND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1,1-Trichloroethane (TCA)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,1-DichloropropeneND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (EDC)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (TCE)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (EDC)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM1,2-Dichloroethane (TCE)ND0.0283mg/Kg-dry18/17/2012 10:16:00 AM	1,1-Dichloroethane	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM				
cis-1,2-Dichloroethene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Chloroform ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Carbon tetrachloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Benzene ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM	2,2-Dichloropropane	ND	0.0709		mg/Kg-dry	1	8/17/2012 10:16:00 AM				
Chloroform ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Carbon tetrachloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM Benzene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM	cis-1.2-Dichloroethene	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
1,1,1-Trichloroethane (TCA) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Carbon tetrachloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Benzene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Chloroform	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
1,1-Dichloropropene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Carbon tetrachloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM Benzene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM	1.1.1-Trichloroethane (TCA)	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Carbon tetrachloride ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM 1,2-Dichloroethane (EDC) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM Benzene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM	1.1-Dichloropropene	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
1,2-Dichloroethane (EDC) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM Benzene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Carbon tetrachloride	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Benzene ND 0.0283 mg/Kg-dry 1 8/17/2012 10:16:00 AM Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM	1.2-Dichloroethane (EDC)	ND	0.0425		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
Trichloroethene (TCE) ND 0.0425 mg/Kg-dry 1 8/17/2012 10:16:00 AM	Benzene	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM				
	Trichloroethene (TCE)	ND	0.0425		mg/Kg-dry	1	8/17/2012 10:16:00 AM				

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	3/2012 3:30:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-035				Matrix: So	bil	
Client Sample ID: GP-7-22 5						
	Desult		Qual	Unite	DE	Data Analyzad
Analyses	Result	RL	Quai	Units	DF	Date Analyzed
				Data		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batci	n ID: 2985	Analyst: EM
1,2-Dichloropropane	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Bromodichloromethane	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Dibromomethane	ND	0.0567		mg/Kg-dry	1	8/17/2012 10:16:00 AM
cis-1,3-Dichloropropene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Toluene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
trans-1,3-Dichloropropylene	ND	0.0425		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,1,2-Trichloroethane	ND	0.0425		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,3-Dichloropropane	ND	0.0709		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Tetrachloroethene (PCE)	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM
Dibromochloromethane	ND	0.0425		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1.2-Dibromoethane (EDB)	ND	0.00709		ma/Ka-drv	1	8/17/2012 10:16:00 AM
Chlorobenzene	ND	0.0283		ma/Ka-drv	1	8/17/2012 10:16:00 AM
1.1.1.2-Tetrachloroethane	ND	0.0425		ma/Ka-drv	1	8/17/2012 10:16:00 AM
Ethylbenzene	ND	0.0425		ma/Ka-drv	1	8/17/2012 10:16:00 AM
m,p-Xylene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
o-Xylene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Styrene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Isopropylbenzene	ND	0.113		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Bromoform	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
n-Propylbenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Bromobenzene	ND	0.0425		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,3,5-Trimethylbenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
2-Chlorotoluene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
4-Chlorotoluene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
tert-Butylbenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,2,3-Trichloropropane	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,2,4-Trichlorobenzene	ND	0.0709		mg/Kg-dry	1	8/17/2012 10:16:00 AM
sec-Butylbenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
4-Isopropyltoluene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,3-Dichlorobenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,4-Dichlorobenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
n-Butylbenzene	ND	0.0283		mg/Kg-drv	1	8/17/2012 10:16:00 AM
1,2-Dichlorobenzene	ND	0.0283		mg/Kg-drv	1	8/17/2012 10:16:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0425		mg/Kg-dry	1	8/17/2012 10:16:00 AM
				/		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/7	13/2012 3:30:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208084-035				Matrix: Sc	bil	
Client Sample ID: GP-7-22.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 2985	Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Hexachlorobutadiene	ND	0.142		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Naphthalene	ND	0.0425		mg/Kg-dry	1	8/17/2012 10:16:00 AM
1,2,3-Trichlorobenzene	ND	0.0283		mg/Kg-dry	1	8/17/2012 10:16:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.0	63.1-141		%REC	1	8/17/2012 10:16:00 AM
Surr: Dibromofluoromethane	92.8	67.6-119		%REC	1	8/17/2012 10:16:00 AM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/17/2012 10:16:00 AM
Sample Moisture (Percent Moist	<u>ure)</u>			Batch	n ID: R534	Analyst: AO
Percent Moisture	21.2			wt%	1	8/16/2012 1:31:04 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



Work Order:	1208084									QC S		RY REP	ORT
CLIENT:	PES Environ	mental, In	C.						Discol				С. Г 4
Project:	Former Pace	Kirkland							Diesei a	ind neavy (X EXI.
Sample ID: 12080	84-028BDUP	SampType:	DUP			Units: mg/Kg ·	dry	Prep Dat	te: 8/17/20	12	RunNo: 538	37	
Client ID: HA-5-2	2	Batch ID:	2989					Analysis Dat	te: 8/18/20	12	SeqNo: 105	5452	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	19.8						0	0	30	
Diesel Range Orga	nics (C12-C24)		ND	19.8						0	0	30	
Heavy Oil			ND	49.4						0	0	30	
Surr: 2-Fluorobip	ohenyl		18.6		19.76		94.4	50	150		0		
Surr: o-Terpheny	/I		17.9		19.76		90.9	50	150		0		
Sample ID: 12080	84-009BDUP	SampType:	DUP			Units: mg/Kg	dry	Prep Dat	te: 8/17/20	12	RunNo: 538	37	
Client ID: GP-24	-0.5	Batch ID:	2989					Analysis Dat	te: 8/18/20	12	SeqNo: 105	5459	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	21.6						0	0	30	
Diesel Range Orga	nics (C12-C24)		ND	21.6						0	0	30	
Heavy Oil			213	54.1						176.2	18.9	30	
Surr: 2-Fluorobip	bhenyl		25.5		21.65		118	50	150		0		
Surr: o-Terpheny	/I		24.0		21.65		111	50	150		0		
Sample ID: LCS-2	989	SampType:	LCS			Units: mg/Kg		Prep Dat	te: 8/17/20	12	RunNo: 538	37	
Client ID: LCSS		Batch ID:	2989					Analysis Dat	te: 8/17/20	12	SeqNo: 105	5461	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			551	20.0	500.0	0	110	65	135				
Surr: 2-Fluorobip	ohenyl		22.8		20.00		114	50	150				
Surr: o-Terpheny	/l		22.1		20.00		111	50	150				

Qualifiers: B Analyte detected in the associated Method Blank

н

R

- od Blank D Dilution was required
- Holding times for preparation or analysis exceeded J Analyt
- RPD outside accepted recovery limits

- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Work Order: 1208084								QC S	SUMMA	RY REF	PORT
CLIENT: PES Enviro	nmental, Inc.						Diesel a	and Heavy (Oil by NW	TPH-Dx/F)x Fxt
Project: Former Pac	e Kirkland						Biccort		<u> </u>		
Sample ID: MB-2989	SampType: MBLK			Units: mg/Kg		Prep Dat	e: 8/17/20	12	RunNo: 53	87	
Client ID: MBLKS	Batch ID: 2989					Analysis Dat	e: 8/17/20	12	SeqNo: 10	5462	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Diesel Range Organics (C12-C24)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	19.6		20.00		98.1	50	150				
Surr: o-Terphenyl	18.7		20.00		93.6	50	150				
Sample ID: CCV-2989B	SampType: CCV			Units: mg/Kg		Prep Dat	e: 8/17/20	12	RunNo: 53	87	
Client ID: CCV	Batch ID: 2989					Analysis Date: 8/20/2012			SeqNo: 105464		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	423	20.0	500.0	0	84.6	80	120				
Surr: 2-Fluorobiphenyl	21.1		20.00		106	50	150				
Surr: o-Terphenyl	20.9		20.00		105	50	150				
Sample ID: LCS-3041	SampType: LCS			Units: mg/Kg		Prep Dat	e: 8/24/20	12	RunNo: 54	69	
Client ID: LCSS	Batch ID: 3041					Analysis Dat	e: 8/26/20	12	SeqNo: 10	7253	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	493	20.0	500.0	0	98.6	65	135				
Surr: 2-Fluorobiphenyl	25.9		20.00		129	50	150				
Surr: o-Terphenyl	25.4		20.00		127	50	150				
Sample ID: MB-3041	SampType: MBLK			Units: mg/Kg		Prep Dat	e: 8/24/20	12	RunNo: 54	69	
Client ID: MBLKS	Batch ID: 3041					Analysis Dat	e: 8/26/20	12	SeqNo: 10	7254	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Qualifiers: B Analyte detected in the Holding times for pre-	he associated Method Blank		D Dilution wa	as required tected below quantitation lin	nits		E Value ND Not d	e above quantitation rate	ange ting Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



Work Order: 1208084								00.5	ειιμαι		ORT
CLIENT: PES Envir	onmental, Inc.					_					
Project: Former Pa	ce Kirkland					E	Diesel a	nd Heavy (Dil by NW	PH-Dx/D	x Ext.
Sample ID: MB-3041	SampType: MBLK			Units: mg/K	g	Prep Date:	8/24/20	12	RunNo: 546	9	
Client ID: MBLKS	Batch ID: 3041					Analysis Date:	8/26/20	12	SeqNo: 107	254	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (C12-C24)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	25.7		20.00		128	50	150				
Surr: o-Terphenyl	25.0		20.00		125	50	150				
Sample ID: 1208084-003BDUP	SampType: DUP			Units: mg/K	g-dry	Prep Date:	8/24/20	12	RunNo: 546	9	
Client ID: GP-13-9.5	Batch ID: 3041					Analysis Date:	8/27/20	12	SeqNo: 108	414	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.0						0	0	30	
Diesel Range Organics (C12-C24)	ND	21.0						0	0	30	
Heavy Oil	ND	52.6						0	0	30	
Surr: 2-Fluorobiphenyl	29.0		21.04		138	50	150		0		
Surr: o-Terphenyl	28.2		21.04		134	50	150		0		

Analyte detected in the associated Method Blank В Qualifiers:

- н Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- Dilution was required D
- Analyte detected below quantitation limits J
- Reporting Limit RL

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- s Spike recovery outside accepted recovery limits



Work Order: 1208084								QC S	SUMMA		PORT
CLIENT: PES Enviro	nmental, Inc.								Gasoline	by NWT	PH-Gx
Project: Former Pac	e Kirkland								04001110		
Sample ID: LCS-R5370	SampType: LCS			Units: mg/Kg		Prep Da	te: 8/16/20	12	RunNo: 537	70	
Client ID: LCSS	Batch ID: R5370					Analysis Dat	te: 8/17/20	12	SeqNo: 108	5248	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.7	5.00	25.00	0	103	65	135				
Surr: 1,2-Dichloroethane-d4	0.440		0.5000		88.0	65	135				
Surr: Fluorobenzene	0.532		0.5000		106	65	135				
Sample ID: MB-R5370	SampType: MBLK			Units: mg/Kg		Prep Da	te: 8/16/20	12	RunNo: 537	70	
Client ID: MBLKS	Batch ID: R5370					Analysis Dat	te: 8/17/20	12	SeqNo: 10	5249	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Gasoline Range Organics C6-C12	ND	5.00									
Surr: 1,2-Dichloroethane-d4	0.397		0.5000		79.4	65	135				
Surr: Fluorobenzene	0.520		0.5000		104	65	135				
Sample ID: 1208084-019ADUP	SampType: DUP			Units: mg/Kg-	dry	Prep Da	te: 8/16/20	12	RunNo: 537	70	
Client ID: HA-8-2	Batch ID: R5370					Analysis Dat	te: 8/21/20	12	SeqNo: 10	5759	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.00						0	0	30	
Gasoline Range Organics C6-C12	ND	6.00						0	0	30	
Surr: 1,2-Dichloroethane-d4	0.609		0.6000		102	65	135		0		
Surr: Fluorobenzene	0.593		0.6000		98.8	65	135		0		
Sample ID: CCV-R5370B	SampType: CCV			Units: mg/Kg		Prep Da	te: 8/16/20	12	RunNo: 537	70	
Client ID: CCV	Batch ID: R5370					Analysis Dat	te: 8/20/20	12	SeqNo: 10	5766	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	526	5.00	500.0	0	105	80	120				
Qualifiers: B Analyte detected in t H Holding times for pre R RPD outside accepte	the associated Method Blank eparation or analysis exceeded ed recovery limits		D Dilution wa J Analyte de RL Reporting	as required tected below quantitation lir Limit	nits		E Value ND Not de S Spike	above quantitation ra etected at the Report recovery outside acc	ange ing Limit septed recovery limit	'S	



Work Order: CLIENT:	1208084 PES Environ	mental, Inc								QC			PORT
Project:	Former Pace	Kirkland									Gasoline		PH-GX
Sample ID: CCV-R	R5370B	SampType:	CCV			Units: mg/Kg		Prep Da	te: 8/16/201	12	RunNo: 537	70	
Client ID: CCV		Batch ID:	R5370					Analysis Da	te: 8/20/201	12	SeqNo: 108	5766	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlor	roethane-d4		10.3		10.00		103	65	135				
Surr: Fluorobenz	zene		9.61		10.00		96.1	65	135				
Sample ID: 120812	27-001ADUP	SampType:	DUP			Units: mg/Kg-	dry	Prep Da	te: 8/24/201	12	RunNo: 551	12	
Client ID: BATCI	н	Batch ID:	R5512					Analysis Da	te: 8/26/201	12	SeqNo: 108	3348	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline			ND	5.32						0	0	30	
Gasoline Range Or	rganics C6-C12		8.71	5.32						7.815	10.8	30	
Surr: 1,2-Dichlor	roethane-d4	C).465		0.5316		87.4	65	135		0		
Surr: Fluorobenz	zene	L).423		0.5316		79.6	65	135		0		
Sample ID: LCS-R	\$5512	SampType:	LCS			Units: mg/Kg		Prep Da	te: 8/24/201	12	RunNo: 551	12	
Client ID: LCSS		Batch ID:	R5512					Analysis Da	te: 8/26/201	12	SeqNo: 108	3350	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline			29.6	5.00	25.00	0	118	65	135				
Surr: 1,2-Dichlor	roethane-d4	C).434		0.5000		86.7	65	135				
Surr: Fluorobenz	zene	C).398		0.5000		79.6	65	135				
Sample ID: MB-R	5512	SampType:	MBLK			Units: mg/Kg		Prep Da	te: 8/24/201	12	RunNo: 551	12	
Client ID: MBLK	S	Batch ID:	R5512					Analysis Da	te: 8/26/201	12	SeqNo: 108	3351	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline			ND	5.00									
Gasoline Range Or	rganics C6-C12		ND	5.00									
Surr: 1,2-Dichlor	roethane-d4	C).438		0.5000		87.6	65	135				
Qualifiers: B	Analyte detected in the	e associated Metho	od Blank		D Dilution wa	s required			E Value	above quantitation r	ange		
Qualifiers: ^B H	Analyte detected in the Holding times for prep	e associated Metho aration or analysis	od Blank exceeded		D Dilution was J Analyte det	s required tected below quantitation lin	nits		E Value ND Not de	above quantitation r etected at the Repor	range ting Limit		



Work Order:	1208084							00.5	SUMMAF		ORT
CLIENT:	PES Environmental, In	IC.									
Project:	Former Pace Kirkland								Gasoline	by NWT	PH-Gx
Sample ID: MB-R5	512 SampType	: MBLK		Units: mg/Kg		Prep Date:	8/24/2012	2	RunNo: 551	2	
Client ID: MBLK	B Batch ID:	R5512				Analysis Date:	8/26/2012	2	SeqNo: 108	351	
Analyte		Result RI	SPK value	SPK Ref Val	%REC	LowLimit H	lighLimit F	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Fluorobenz	ene	0.400	0.5000		80.0	65	135				

Qualifiers: B Analyte detected in the associated Method Blank

- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



CLIENT: PES Environmental, Inc.

Project: Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-035AMS	SampType: MS			Units: mg/K	g-dry	Prep Dat	te: 8/16/20	12	RunNo: 536	9	
Client ID: GP-7-22.5	Batch ID: 2985					Analysis Dat	te: 8/17/20	12	SeqNo: 105	234	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.16	0.0850	1.417	0	82.1	43.5	121				
Chloromethane	1.16	0.0850	1.417	0	82.2	45	130				
Vinyl chloride	1.28	0.00283	1.417	0	90.2	51.2	146				
Bromomethane	0.779	0.128	1.417	0	55.0	70	130				S
Trichlorofluoromethane (CFC-11)	0.368	0.0709	1.417	0	26.0	52.2	132				S
Chloroethane	0.442	0.0850	1.417	0	31.2	43.8	117				S
1,1-Dichloroethene	0.624	0.0709	1.417	0	44.1	61.9	141				S
Methylene chloride	0.762	0.0283	1.417	0	53.8	54.7	142				S
trans-1,2-Dichloroethene	1.07	0.0283	1.417	0	75.4	52	136				
Methyl tert-butyl ether (MTBE)	0.964	0.0709	1.417	0	68.0	54.4	132				
1,1-Dichloroethane	1.05	0.0283	1.417	0	74.4	51.8	141				
2,2-Dichloropropane	1.48	0.0709	1.417	0	105	36	123				
cis-1,2-Dichloroethene	1.29	0.0283	1.417	0	91.3	58.6	136				
Chloroform	1.24	0.0283	1.417	0	87.8	53.2	129				
1,1,1-Trichloroethane (TCA)	1.28	0.0283	1.417	0	90.1	58.3	145				
1,1-Dichloropropene	1.28	0.0283	1.417	0	90.7	55.1	138				
Carbon tetrachloride	1.31	0.0283	1.417	0	92.6	53.3	144				
1,2-Dichloroethane (EDC)	1.09	0.0425	1.417	0	76.7	51.3	139				
Benzene	1.23	0.0283	1.417	0	86.8	63.5	133				
Trichloroethene (TCE)	1.29	0.0425	1.417	0	91.1	68.6	132				
1,2-Dichloropropane	1.28	0.0283	1.417	0	90.4	59	136				
Bromodichloromethane	1.21	0.0283	1.417	0	85.1	50.7	141				
Dibromomethane	1.20	0.0567	1.417	0	84.8	50.6	137				
cis-1,3-Dichloropropene	0.825	0.0283	1.417	0	58.3	52.3	129				
Toluene	1.32	0.0283	1.417	0	93.5	67.8	129				
trans-1,3-Dichloropropylene	0.825	0.0425	1.417	0	58.3	52.2	138				
1,1,2-Trichloroethane	1.28	0.0425	1.417	0	90.6	51.6	137				
1,3-Dichloropropane	1.24	0.0709	1.417	0	87.6	53.1	134				
Tetrachloroethene (PCE)	1.25	0.0283	1.417	0	88.5	44.1	141				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required			E Value	above quantitation ra	inge		

Analyte detected in the associated Method Blank Qualifiers: В

н

R

Dilution was required

Reporting Limit

J RL

Value above quantitation range Е

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Analyte detected below quantitation limits

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-035AMS	SampType: MS			Units: mg/K	g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	59	
Client ID: GP-7-22.5	Batch ID: 2985					Analysis Da	te: 8/17/20	12	SeqNo: 105	5234	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.19	0.0425	1.417	0	84.2	55.3	140				
1,2-Dibromoethane (EDB)	1.28	0.00709	1.417	0	90.6	50.4	136				
Chlorobenzene	1.38	0.0283	1.417	0	97.6	60	133				
1,1,1,2-Tetrachloroethane	1.38	0.0425	1.417	0	97.3	53.1	142				
Ethylbenzene	1.37	0.0425	1.417	0	96.8	54.5	134				
m,p-Xylene	2.58	0.0283	2.834	0	91.1	53.1	132				
o-Xylene	1.34	0.0283	1.417	0	94.5	53.3	139				
Styrene	1.32	0.0283	1.417	0	92.9	51.1	132				
Isopropylbenzene	1.41	0.113	1.417	0	99.3	58.9	138				
Bromoform	1.20	0.0283	1.417	0	84.6	57.9	130				
1,1,2,2-Tetrachloroethane	1.24	0.0283	1.417	0	87.8	51.9	131				
n-Propylbenzene	1.27	0.0283	1.417	0	89.5	53.6	140				
Bromobenzene	1.41	0.0425	1.417	0	99.2	54.2	140				
1,3,5-Trimethylbenzene	1.31	0.0283	1.417	0	92.2	51.8	136				
2-Chlorotoluene	1.23	0.0283	1.417	0	86.9	51.6	136				
4-Chlorotoluene	1.30	0.0283	1.417	0	91.6	50.1	139				
tert-Butylbenzene	1.60	0.0283	1.417	0	113	50.5	135				
1,2,3-Trichloropropane	1.22	0.0283	1.417	0	86.3	50.5	131				
1,2,4-Trichlorobenzene	1.19	0.0709	1.417	0	84.1	50.8	130				
sec-Butylbenzene	1.39	0.0283	1.417	0	98.1	52.6	141				
4-Isopropyltoluene	1.43	0.0283	1.417	0	101	52.9	134				
1,3-Dichlorobenzene	1.22	0.0283	1.417	0	86.4	52.6	131				
1,4-Dichlorobenzene	1.22	0.0283	1.417	0	86.4	52.9	129				
n-Butylbenzene	1.20	0.0283	1.417	0	84.6	52.6	130				
1,2-Dichlorobenzene	1.14	0.0283	1.417	0	80.4	55.8	129				
1,2-Dibromo-3-chloropropane	0.859	0.0425	1.417	0	60.7	53	129				
1,2,4-Trimethylbenzene	1.35	0.0283	1.417	0	95.6	50.6	137				
Hexachlorobutadiene	1.21	0.142	1.417	0	85.3	51.5	130				
Naphthalene	1.06	0.0425	1.417	0	75.0	52.3	124				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution was	required			E Value	above quantitation ra	inge		

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL

ND Not detected at the Reporting Limit

R RPD outside accepted recovery limits

Reporting Limit



CLIENT: PES Environmental, Inc.

Project: Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-035AMS	SampType: MS			Units: mg/Kg	g-dry	Prep Dat	e: 8/16/20	12	RunNo: 536	9	
Client ID: GP-7-22.5	Batch ID: 2985					Analysis Dat	e: 8/17/20	12	SeqNo: 105	234	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	1.16	0.0283	1.417	0	81.7	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.708		0.7086		99.9	63.1	141				
Surr: Dibromofluoromethane	0.658		0.7086		92.8	67.6	119				
Surr: Toluene-d8	0.718		0.7086		101	78.5	126				
Surr: Dibromofluoromethane Surr: Toluene-d8	0.658 0.718		0.7086 0.7086		92.8 101	67.6 78.5	119 126				

NOTES:

S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Sample ID: LCS-2985	SampType: LCS			Units: mg/Kg		Prep Dat	e: 8/16/20	12	RunNo: 536	9	
Client ID: LCSS	Batch ID: 2985					Analysis Dat	e: 8/17/20	12	SeqNo: 105	235	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.944	0.0600	1.000	0	94.4	41.5	132				
Chloromethane	0.940	0.0600	1.000	0	94.0	52.3	129				
Vinyl chloride	1.04	0.00200	1.000	0	104	51.1	134				
Bromomethane	1.06	0.0900	1.000	0	106	54.6	148				
Trichlorofluoromethane (CFC-11)	1.12	0.0500	1.000	0	112	59.7	131				
Chloroethane	1.14	0.0600	1.000	0	114	53.9	135				
1,1-Dichloroethene	1.13	0.0500	1.000	0	113	58	139				
Methylene chloride	1.11	0.0200	1.000	0	111	58.7	141				
trans-1,2-Dichloroethene	1.14	0.0200	1.000	0	114	70	130				
Methyl tert-butyl ether (MTBE)	1.11	0.0500	1.000	0	111	70	130				
1,1-Dichloroethane	1.13	0.0200	1.000	0	113	67.6	127				
2,2-Dichloropropane	0.911	0.0500	1.000	0	91.1	40.1	133				
cis-1,2-Dichloroethene	1.18	0.0200	1.000	0	118	70	130				
Chloroform	1.14	0.0200	1.000	0	114	64	127				
1,1,1-Trichloroethane (TCA)	1.11	0.0200	1.000	0	111	68.9	132				
1,1-Dichloropropene	1.12	0.0200	1.000	0	112	70	130				
Carbon tetrachloride	1.21	0.0200	1.000	0	121	56.3	141				
1,2-Dichloroethane (EDC)	1.06	0.0300	1.000	0	106	69.4	131				

Analyte detected in the associated Method Blank Qualifiers: В

R

Dilution was required D

Reporting Limit

RL

Analyte detected below quantitation limits J

Value above quantitation range Е

н Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-2985	SampType: LCS			Units: mg/Kg		Prep Da	te: 8/16/20	12	RunNo: 536	59 	
Client ID: LCSS	Batch ID: 2985					Analysis Da	te: 8/17/20	12	SeqNo: 10	5235	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.03	0.0200	1.000	0	103	72.3	125				
Trichloroethene (TCE)	1.22	0.0300	1.000	0	122	73.5	130				
1,2-Dichloropropane	1.12	0.0200	1.000	0	112	70	130				
Bromodichloromethane	1.12	0.0200	1.000	0	112	70	130				
Dibromomethane	1.12	0.0400	1.000	0	112	70	130				
cis-1,3-Dichloropropene	0.840	0.0200	1.000	0	84.0	58.7	141				
Toluene	1.10	0.0200	1.000	0	110	73.6	126				
trans-1,3-Dichloropropylene	0.840	0.0300	1.000	0	84.0	55.3	142				
1,1,2-Trichloroethane	1.10	0.0300	1.000	0	110	70	130				
1,3-Dichloropropane	1.08	0.0500	1.000	0	108	70	130				
Tetrachloroethene (PCE)	1.31	0.0200	1.000	0	131	55.2	151				
Dibromochloromethane	1.18	0.0300	1.000	0	118	71.5	142				
1,2-Dibromoethane (EDB)	1.12	0.00500	1.000	0	112	70	130				
Chlorobenzene	1.13	0.0200	1.000	0	113	74.2	122				
1,1,1,2-Tetrachloroethane	1.22	0.0300	1.000	0	122	70	130				
Ethylbenzene	1.21	0.0300	1.000	0	121	70	130				
m,p-Xylene	2.17	0.0200	2.000	0	108	70	130				
o-Xylene	1.17	0.0200	1.000	0	117	70	130				
Styrene	1.21	0.0200	1.000	0	121	70	130				
Isopropylbenzene	1.17	0.0800	1.000	0	117	70	130				
Bromoform	1.18	0.0200	1.000	0	118	70.9	147				
1,1,2,2-Tetrachloroethane	1.03	0.0200	1.000	0	103	61.9	136				
n-Propylbenzene	1.06	0.0200	1.000	0	106	70	130				
Bromobenzene	1.23	0.0300	1.000	0	123	52.7	146				
1,3,5-Trimethylbenzene	1.07	0.0200	1.000	0	107	70	130				
2-Chlorotoluene	1.07	0.0200	1.000	0	107	70	130				
4-Chlorotoluene	1.08	0.0200	1.000	0	108	70	130				
tert-Butylbenzene	1.10	0.0200	1.000	0	110	70	130				
1,2,3-Trichloropropane	1.14	0.0200	1.000	0	114	61.7	138				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required			E Value	above quantitation ra	inge		

Qualifiers: в

н Holding times for preparation or analysis exceeded

Analyte detected below quantitation limits J

Value above quantitation range

R RPD outside accepted recovery limits

RL Reporting Limit

ND Not detected at the Reporting Limit



CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Project: Former Pace	e Kirkland					Volatile	e Organio	c Compoui	nds by EP	A Metho	d 8260
Sample ID: LCS-2985	SampType: LCS			Units: mg/Kg		Prep Dat	te: 8/16/201	2	RunNo: 53	59	
Client ID: LCSS	Batch ID: 2985					Analysis Dat	e: 8/17/201	2	SeqNo: 10	5235	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.11	0.0500	1.000	0	111	57.5	138				
sec-Butylbenzene	1.17	0.0200	1.000	0	117	70	130				
4-Isopropyltoluene	1.18	0.0200	1.000	0	118	52	149				
1,3-Dichlorobenzene	1.10	0.0200	1.000	0	110	70	130				
1,4-Dichlorobenzene	1.10	0.0200	1.000	0	110	70	130				
n-Butylbenzene	1.05	0.0200	1.000	0	105	59.2	136				
1,2-Dichlorobenzene	1.08	0.0200	1.000	0	108	70	130				
1,2-Dibromo-3-chloropropane	0.970	0.0300	1.000	0	97.0	60.6	137				
1,2,4-Trimethylbenzene	1.21	0.0200	1.000	0	121	70	130				
Hexachlorobutadiene	1.07	0.100	1.000	0	107	54.7	137				
Naphthalene	1.09	0.0300	1.000	0	109	53.2	136				
1,2,3-Trichlorobenzene	1.17	0.0200	1.000	0	117	51	140				
Surr: 1-Bromo-4-fluorobenzene	0.492		0.5000		98.3	63.1	141				
Surr: Dibromofluoromethane	0.480		0.5000		96.0	67.6	119				
Surr: Toluene-d8	0.511		0.5000		102	78.5	126				
Sample ID: MB-2985	SampType: MBLK			Units: mg/Kg		Prep Dat	e: 8/16/201	2	RunNo: 53	69	
Client ID: MBLKS	Batch ID: 2985					Analysis Dat	e: 8/17/201	2	SeqNo: 10	5236	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
Qualifiers: B Analyte detected in th	ne associated Method Blank		D Dilution wa	is required			E Value a	above quantitation ra	inge		
H Holding times for prep	paration or analysis exceeded		J Analyte de	tected below quantitation lim	nits		ND Not de	ected at the Reporti	ng Limit		
R RPD outside accepted	d recovery limits		RL Reporting	_imit			S Spike r	ecovery outside acc	epted recovery limi	ts	
											F



QC SUMMARY REPORT

RunNo: 5369

SeqNo: 105236

%RPD RPDLimit

Qual



1208084

Work Order:

Dibromochloromethane

Chlorobenzene

Ethylbenzene

m,p-Xylene

o-Xylene Styrene

1.2-Dibromoethane (EDB)

1.1.1.2-Tetrachloroethane

н

R

CLIENT: PES Environmental, Inc. Volatile Organic Compounds by EPA Method 8260 **Project:** Former Pace Kirkland Sample ID: MB-2985 SampType: MBLK Units: mg/Kg Prep Date: 8/16/2012 Client ID: MBLKS Batch ID: 2985 Analysis Date: 8/17/2012 Result RI SPK value SPK Ref Val LowLimit HighLimit RPD Ref Val Analyte %REC trans-1.2-Dichloroethene ND 0.0200 ND 0.0500 Methyl tert-butyl ether (MTBE) 1,1-Dichloroethane ND 0.0200 2,2-Dichloropropane ND 0.0500 ND 0 0200 cis-1,2-Dichloroethene ND 0 0200 Chloroform ND 0.0200 1,1,1-Trichloroethane (TCA) ND 0.0200 1,1-Dichloropropene Carbon tetrachloride ND 0.0200 ND 0.0300 1,2-Dichloroethane (EDC) ND 0.0200 Benzene ND 0.0300 Trichloroethene (TCE) ND 0.0200 1,2-Dichloropropane Bromodichloromethane ND 0 0200 Dibromomethane ND 0.0400 ND 0.0200 cis-1,3-Dichloropropene ND 0.0200 Toluene trans-1,3-Dichloropropylene ND 0.0300 1,1,2-Trichloroethane ND 0.0300 1,3-Dichloropropane ND 0.0500 ND 0.0200 Tetrachloroethene (PCE)

Analyte detected in the associated Method Blank В Qualifiers:

RPD outside accepted recovery limits

D Dilution was required

Holding times for preparation or analysis exceeded .1

ND

ND

ND

ND

ND

ND

ND

ND

0.0300

0 00500

0.0200

0.0300

0.0300

0.0200

0.0200

0.0200

Analyte detected below quantitation limits RL Reporting Limit

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- s Spike recovery outside accepted recovery limits



Fremont
[Analytical]

Work Order: 1208084								00.9			Σ NB.
CLIENT: PES Enviro	onmental, Inc.										
Project: Former Pac	ce Kirkland					Volatil	e Organi	c Compou	nds by EP	A Metho	d 826
Sample ID: MB-2985	SampType: MBLK			Units: mg/Kg		Prep Da	ate: 8/16/20	12	RunNo: 53	59	
Client ID: MBLKS	Batch ID: 2985					Analysis Da	ate: 8/17/20	12	SeqNo: 10	5236	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.479		0.5000		95.7	63.1	141				
Surr: Dibromofluoromethane	0.465		0.5000		93.0	67.6	119				
Surr: Toluene-d8	0.518		0.5000		104	78.5	126				

RT

В Qualifiers: н

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

Dilution was required D

- J Analyte detected below quantitation limits
- Reporting Limit RL

- Value above quantitation range Е
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-019ADUP	SampType: DUP			Units: mg/k	(g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	59 59	
Client ID: HA-8-2	Batch ID: 2985					Analysis Da	te: 8/21/20	12	SeqNo: 105	5776	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0720						0	0	30	
Chloromethane	ND	0.0720						0	0	30	
Vinyl chloride	ND	0.00240						0	0	30	
Bromomethane	ND	0.108						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0600						0	0	30	
Chloroethane	ND	0.0720						0	0	30	
1,1-Dichloroethene	ND	0.0600						0	0	30	
Methylene chloride	ND	0.0240						0	0	30	
trans-1,2-Dichloroethene	ND	0.0240						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0600						0	0	30	
1,1-Dichloroethane	ND	0.0240						0	0	30	
2,2-Dichloropropane	ND	0.0600						0	0	30	
cis-1,2-Dichloroethene	ND	0.0240						0	0	30	
Chloroform	ND	0.0240						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0240						0	0	30	
1,1-Dichloropropene	ND	0.0240						0	0	30	
Carbon tetrachloride	ND	0.0240						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0360						0	0	30	
Benzene	ND	0.0240						0	0	30	
Trichloroethene (TCE)	ND	0.0360						0	0	30	
1,2-Dichloropropane	ND	0.0240						0	0	30	
Bromodichloromethane	ND	0.0240						0	0	30	*
Dibromomethane	ND	0.0480						0	0	30	
cis-1,3-Dichloropropene	ND	0.0240						0	0	30	
Toluene	ND	0.0240						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0360						0	0	30	
1,1,2-Trichloroethane	ND	0.0360						0	0	30	
1,3-Dichloropropane	ND	0.0600						0	0	30	
Tetrachloroethene (PCE)	ND	0.0240						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	is required	n limite		E Value	e above quantitation rai	nge		

R RPD outside accepted recovery limits

RL Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208084-019ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/16/20	12	RunNo: 536	39	
Client ID: HA-8-2	Batch ID: 2985					Analysis Da	te: 8/21/20	12	SeqNo: 10	5776	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0360						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00600						0	0	30	
Chlorobenzene	ND	0.0240						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0360						0	0	30	
Ethylbenzene	ND	0.0360						0	0	30	
m,p-Xylene	ND	0.0240						0	0	30	
o-Xylene	ND	0.0240						0	0	30	
Styrene	ND	0.0240						0	0	30	
Isopropylbenzene	ND	0.0960						0	0	30	
Bromoform	ND	0.0240						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0240						0	0	30	
n-Propylbenzene	ND	0.0240						0	0	30	
Bromobenzene	ND	0.0360						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0240						0	0	30	
2-Chlorotoluene	ND	0.0240						0	0	30	
4-Chlorotoluene	ND	0.0240						0	0	30	
tert-Butylbenzene	ND	0.0240						0	0	30	
1,2,3-Trichloropropane	ND	0.0240						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0600						0	0	30	
sec-Butylbenzene	ND	0.0240						0	0	30	
4-Isopropyltoluene	ND	0.0240						0	0	30	
1,3-Dichlorobenzene	ND	0.0240						0	0	30	
1,4-Dichlorobenzene	ND	0.0240						0	0	30	
n-Butylbenzene	ND	0.0240						0	0	30	
1,2-Dichlorobenzene	ND	0.0240						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0360						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0240						0	0	30	
Hexachlorobutadiene	ND	0.120						0	0	30	
Naphthalene	ND	0.0360						0	0	30	
Qualifiers: B Analyte detected in the	ne associated Method Blank		D Dilution wa	is required			E Value	above quantitation ra	nge		
H Holding times for pre	paration or analysis exceeded		J Analyte de	tected below quantitatio	n limits		ND Not d	etected at the Reporti	ng Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



Work Order: 1208084								QC S		RY REF	PORT
CLIENT: PES Enviro	nmental, Inc.					Volatila	Oraani		ndo hy ED	A Motho	4 0260
Project: Former Pac	e Kirkland					volatile	Organi	c compou	nus by EP	A metho	u 0200
Sample ID: 1208084-019ADUP	SampType: DUP			Units: mg/Kg-	dry	Prep Date	e: 8/16/20	12	RunNo: 536	69	
Client ID: HA-8-2	Batch ID: 2985					Analysis Date	e: 8/21/20	12	SeqNo: 10	5776	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	ND	0.0240						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.609		0.6000		102	63.1	141		0		
Surr: Dibromofluoromethane	0.596		0.6000		99.4	67.6	119		0		
Surr: Toluene-d8	0.595		0.6000		99.2	78.5	126		0		
NOTES: * Flagged value is not within estal	hlished control limits										
Sample ID: MB-R5418	SampType: MBLK			Units: ma/Ka		Pren Date	· 8/16/20	12	RunNo: 54	18	
Client ID: MBLKS	Batch ID: R5418					Analysis Date	e: 8/22/20	12	SegNo: 10	5089	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	ND	0.0200									
Sample ID: CCV-R5418	SampType: CCV			Units: mg/Kg		Prep Date	e: 8/16/20	12	RunNo: 54'	18	
Client ID: CCV	Batch ID: R5418					Analysis Date	e: 8/22/20	12	SeqNo: 100	6090	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	19.6	0.0200	20.00	0	98.2	80	120				
Surr: 1-Bromo-4-fluorobenzene	10.3		10.00		103	63.1	141				
Surr: Dibromofluoromethane	9.63		10.00		96.3	67.6	119				
Surr: Toluene-d8	10.1		10.00		101	78.5	126				
Sample ID: 1208127-001ADUP	SampType: DUP			Units: mg/Kg-	dry	Prep Date	e: 8/24/20	12	RunNo: 55'	11	
Client ID: BATCH	Batch ID: 3048					Analysis Date	e: 8/26/20	12	SeqNo: 108	3337	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0638						0	0	30	
Chloromethane	ND	0.0638						0	0	30	
Qualifiers: B Analyte detected in	the associated Method Blank		D Dilution wa	as required			E Value	above quantitation ra	ange		
H Holding times for pr	eparation or analysis exceeded		J Analyte de	tected below quantitation lin	nits		ND Not de	etected at the Report	ing Limit		
R RPD outside accept	ted recovery limits		RL Reporting	Limit			S Spike	recovery outside acc	epted recovery limit	ts	



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208127-001ADUP	SampType: DUP			Units: mg/Kg	g-dry	Prep Da	te: 8/24/20	12	RunNo: 551	1	
Client ID: BATCH	Batch ID: 3048					Analysis Dat	te: 8/26/20	12	SeqNo: 108	337	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.00213						0	0	30	
Bromomethane	ND	0.0957						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0532						0	0	30	
Chloroethane	ND	0.0638						0	0	30	
1,1-Dichloroethene	ND	0.0532						0	0	30	
Methylene chloride	ND	0.0213						0	0	30	
trans-1,2-Dichloroethene	ND	0.0213						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0532						0	0	30	
1,1-Dichloroethane	ND	0.0213						0	0	30	
2,2-Dichloropropane	ND	0.0532						0	0	30	
cis-1,2-Dichloroethene	ND	0.0213						0	0	30	
Chloroform	ND	0.0213						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0213						0	0	30	
1,1-Dichloropropene	ND	0.0213						0	0	30	
Carbon tetrachloride	ND	0.0213						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0319						0	0	30	
Benzene	ND	0.0213						0	0	30	
Trichloroethene (TCE)	ND	0.0319						0	0	30	
1,2-Dichloropropane	ND	0.0213						0	0	30	
Bromodichloromethane	ND	0.0213						0	0	30	
Dibromomethane	ND	0.0425						0	0	30	
cis-1,3-Dichloropropene	ND	0.0213						0	0	30	
Toluene	0.0314	0.0213						0.03083	1.71	30	
trans-1,3-Dichloropropylene	ND	0.0319						0	0	30	
1,1,2-Trichloroethane	ND	0.0319						0	0	30	
1,3-Dichloropropane	ND	0.0532						0	0	30	
Tetrachloroethene (PCE)	ND	0.0213						0	0	30	
Dibromochloromethane	ND	0.0319						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00532						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required			E Value	above quantitation ra	nge		

H Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

R

J Analyte detected below quantitation limits

Reporting Limit

RL

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208127-001ADUP	SampType: DUP			Units: mg/Kg-	dry	Prep Da	te: 8/24/20	12	RunNo: 551	1	
Client ID: BATCH	Batch ID: 3048					Analysis Dat	te: 8/26/20	12	SeqNo: 108	337	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.0213						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0319						0	0	30	
Ethylbenzene	ND	0.0319						0	0	30	
m,p-Xylene	ND	0.0213						0	0	30	
o-Xylene	ND	0.0213						0	0	30	
Styrene	ND	0.0213						0	0	30	
Isopropylbenzene	ND	0.0851						0	0	30	
Bromoform	ND	0.0213						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0213						0	0	30	
n-Propylbenzene	0.0250	0.0213						0.02339	6.59	30	
Bromobenzene	ND	0.0319						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0213						0	0	30	
2-Chlorotoluene	ND	0.0213						0	0	30	
4-Chlorotoluene	ND	0.0213						0	0	30	
tert-Butylbenzene	ND	0.0213						0	0	30	
1,2,3-Trichloropropane	ND	0.0213						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0532						0	0	30	
sec-Butylbenzene	ND	0.0213						0	0	30	
4-Isopropyltoluene	ND	0.0213						0	0	30	
1,3-Dichlorobenzene	ND	0.0213						0	0	30	
1,4-Dichlorobenzene	ND	0.0213						0	0	30	
n-Butylbenzene	0.0356	0.0213						0.03455	3.03	30	
1,2-Dichlorobenzene	ND	0.0213						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0319						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0213						0	0	30	
Hexachlorobutadiene	ND	0.106						0	0	30	
Naphthalene	ND	0.0319						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0213						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.579		0.5316		109	63.1	141		0		
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	is required			E Value	above quantitation ra	nge		
H Holding times for prep	aration or analysis exceeded		J Analyte de	tected below quantitation lin	nits		ND Not d	etected at the Reporti	ng Limit		

R RPD outside accepted recovery limits

RL Reporting Limit

S Spike recovery outside accepted recovery limits

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Work Order: 1208084								2.00	SUMMAI		ORT
CLIENT: PES Enviro	onmental, Inc.										
Project: Former Pac	ce Kirkland					Volatile	Organi	c Compoui	nds by EP	A Method	d 8260
Sample ID: 1208127-001ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Date	e: 8/24/20 [,]	12	RunNo: 551	1	
Client ID: BATCH	Batch ID: 3048					Analysis Date	e: 8/26/20 [,]	12	SeqNo: 108	337	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	0.455		0.5316		85.6	67.6	119		0		
Surr: Toluene-d8	0.554		0.5316		104	78.5	126		0		
Sample ID: 1208134-001AMS	SampType: MS			Units: mg/K	g-dry	Prep Date	e: 8/24/20 [,]	12	RunNo: 551	1	
Client ID: BATCH	Batch ID: 3048					Analysis Date	e: 8/26/20 [,]	12	SeqNo: 108	339	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.698	0.0655	1.092	0	64.0	43.5	121				
Chloromethane	0.738	0.0655	1.092	0	67.6	45	130				
Vinyl chloride	0.492	0.00218	1.092	0	45.1	51.2	146				S
Bromomethane	0.241	0.0983	1.092	0	22.1	70	130				S
Trichlorofluoromethane (CFC-11)	0.693	0.0546	1.092	0	63.5	52.2	132				
Chloroethane	0.608	0.0655	1.092	0	55.7	43.8	117				
1,1-Dichloroethene	0.826	0.0546	1.092	0	75.6	61.9	141				
Methylene chloride	0.765	0.0218	1.092	0	70.0	54.7	142				
trans-1,2-Dichloroethene	0.875	0.0218	1.092	0	80.1	52	136				
Methyl tert-butyl ether (MTBE)	0.822	0.0546	1.092	0	75.3	54.4	132				
1,1-Dichloroethane	0.962	0.0218	1.092	0	88.1	51.8	141				
2,2-Dichloropropane	0.690	0.0546	1.092	0	63.2	36	123				
cis-1,2-Dichloroethene	0.817	0.0218	1.092	0	74.8	58.6	136				
Chloroform	0.767	0.0218	1.092	0	70.3	53.2	129				
1,1,1-Trichloroethane (TCA)	0.882	0.0218	1.092	0	80.8	58.3	145				
1,1-Dichloropropene	0.875	0.0218	1.092	0	80.1	55.1	138				
Carbon tetrachloride	0.880	0.0218	1.092	0	80.6	53.3	144				
1,2-Dichloroethane (EDC)	0.835	0.0328	1.092	0	76.5	51.3	139				
Benzene	0.854	0.0218	1.092	0	78.2	63.5	133				
Trichloroethene (TCE)	0.926	0.0328	1.092	0	84.8	68.6	132				
1,2-Dichloropropane	0.855	0.0218	1.092	0	78.3	59	136				

Analyte detected in the associated Method Blank В Qualifiers:

R

Dilution was required D

- J
- Analyte detected below quantitation limits

Е Value above quantitation range

н Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Reporting Limit RL

- ND Not detected at the Reporting Limit
- s Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208134-001AMS	SampType: MS			Units: mg/K	g-dry	Prep Dat	e: 8/24/20	12	RunNo: 551	1	
Client ID: BATCH	Batch ID: 3048					Analysis Dat	e: 8/26/20	12	SeqNo: 108	339	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	0.840	0.0218	1.092	0	76.9	50.7	141				
Dibromomethane	0.804	0.0437	1.092	0	73.7	50.6	137				
cis-1,3-Dichloropropene	0.783	0.0218	1.092	0	71.7	52.3	129				
Toluene	0.839	0.0218	1.092	0	76.9	67.8	129				
trans-1,3-Dichloropropylene	0.761	0.0328	1.092	0	69.7	52.2	138				
1,1,2-Trichloroethane	0.817	0.0328	1.092	0	74.9	51.6	137				
1,3-Dichloropropane	0.793	0.0546	1.092	0	72.6	53.1	134				
Tetrachloroethene (PCE)	0.892	0.0218	1.092	0	81.7	44.1	141				
Dibromochloromethane	0.790	0.0328	1.092	0	72.4	55.3	140				
1,2-Dibromoethane (EDB)	0.805	0.00546	1.092	0	73.7	50.4	136				
Chlorobenzene	0.795	0.0218	1.092	0	72.8	60	133				
1,1,1,2-Tetrachloroethane	0.763	0.0328	1.092	0	69.9	53.1	142				
Ethylbenzene	0.775	0.0328	1.092	0	71.0	54.5	134				
m,p-Xylene	1.54	0.0218	2.184	0	70.7	53.1	132				
o-Xylene	0.777	0.0218	1.092	0	71.1	53.3	139				
Styrene	0.781	0.0218	1.092	0	71.6	51.1	132				
Isopropylbenzene	0.815	0.0874	1.092	0	74.6	58.9	138				
Bromoform	0.710	0.0218	1.092	0	65.1	57.9	130				
1,1,2,2-Tetrachloroethane	0.657	0.0218	1.092	0	60.2	51.9	131				
n-Propylbenzene	0.779	0.0218	1.092	0	71.3	53.6	140				
Bromobenzene	0.765	0.0328	1.092	0	70.1	54.2	140				
1,3,5-Trimethylbenzene	0.810	0.0218	1.092	0	74.2	51.8	136				
2-Chlorotoluene	0.793	0.0218	1.092	0	72.6	51.6	136				
4-Chlorotoluene	0.770	0.0218	1.092	0	70.5	50.1	139				
tert-Butylbenzene	0.801	0.0218	1.092	0	73.3	50.5	135				
1,2,3-Trichloropropane	0.744	0.0218	1.092	0	68.2	50.5	131				
1,2,4-Trichlorobenzene	0.722	0.0546	1.092	0	66.2	50.8	130				
sec-Butylbenzene	0.840	0.0218	1.092	0	76.9	52.6	141				
4-Isopropyltoluene	0.816	0.0218	1.092	0	74.7	52.9	134				
Oualifiers: B Analyte detected in the	associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nae		

Analyte detected in the associated Method Blank Qualifiers: В

R

Dilution was required Analyte detected below quantitation limits

Value above quantitation range Е

н Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

RL Reporting Limit

J

ND Not detected at the Reporting Limit



CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208134-001AMS	SampType: MS	S Units: mg/Kg-dry		Prep Da	te: 8/24/20	12	RunNo: 5511				
Client ID: BATCH	Batch ID: 3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	339	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	0.710	0.0218	1.092	0	65.0	52.6	131				
1,4-Dichlorobenzene	0.706	0.0218	1.092	0	64.7	52.9	129				
n-Butylbenzene	0.703	0.0218	1.092	0	64.4	52.6	130				
1,2-Dichlorobenzene	0.718	0.0218	1.092	0	65.8	55.8	129				
1,2-Dibromo-3-chloropropane	0.626	0.0328	1.092	0	57.3	53	129				
1,2,4-Trimethylbenzene	0.803	0.0218	1.092	0	73.6	50.6	137				
Hexachlorobutadiene	0.813	0.109	1.092	0	74.5	51.5	130				
Naphthalene	0.693	0.0328	1.092	0	63.5	52.3	124				
1,2,3-Trichlorobenzene	0.727	0.0218	1.092	0	66.6	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.587		0.5461		108	63.1	141				
Surr: Dibromofluoromethane	0.491		0.5461		89.9	67.6	119				
Surr: Toluene-d8	0.569		0.5461		104	78.5	126				

NOTES:

Project:

S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Sample ID: LCS-3048	SampType: LCS			Units: mg/Kg		Prep Dat	e: 8/24/20	12	RunNo: 551	1	
Client ID: LCSS	Batch ID: 3048					Analysis Dat	e: 8/26/20	12	SeqNo: 108	355	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.04	0.0600	1.000	0	104	37.7	136				
Chloromethane	1.08	0.0600	1.000	0	108	38.8	132				
Vinyl chloride	1.07	0.00200	1.000	0	107	56.1	130				
Bromomethane	0.876	0.0900	1.000	0	87.6	44.3	149				
Trichlorofluoromethane (CFC-11)	1.27	0.0500	1.000	0	127	61.8	130				
Chloroethane	1.20	0.0600	1.000	0	120	52.2	131				
1,1-Dichloroethene	1.17	0.0500	1.000	0	117	64.6	134				
Methylene chloride	1.18	0.0200	1.000	0	118	60.6	140				
trans-1,2-Dichloroethene	1.10	0.0200	1.000	0	110	68.7	127				
Methyl tert-butyl ether (MTBE)	1.09	0.0500	1.000	0	109	73.4	128				

Qualifiers: B Analyte detecter H Holding times f

R

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

Dilution was required

J Analyte detected below quantitation limits

RL Reporting Limit

D

E Value above quantitation range

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3048	SampType: LCS			Units: mg/Kg		Prep Dat	te: 8/24/20	12	RunNo: 551	1	
Client ID: LCSS	Batch ID: 3048					Analysis Dat	te: 8/26/20	12	SeqNo: 108	355	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	1.23	0.0200	1.000	0	123	65.5	132				
2,2-Dichloropropane	0.986	0.0500	1.000	0	98.6	28.1	149				
cis-1,2-Dichloroethene	1.14	0.0200	1.000	0	114	71.6	123				
Chloroform	1.15	0.0200	1.000	0	115	67.5	129				
1,1,1-Trichloroethane (TCA)	1.11	0.0200	1.000	0	111	74.4	130				
1,1-Dichloropropene	1.11	0.0200	1.000	0	111	72.7	131				
Carbon tetrachloride	1.05	0.0200	1.000	0	105	73	136				
1,2-Dichloroethane (EDC)	1.10	0.0300	1.000	0	110	68.7	133				
Benzene	1.12	0.0200	1.000	0	112	74.6	124				
Trichloroethene (TCE)	1.15	0.0300	1.000	0	115	71.5	134				
1,2-Dichloropropane	1.14	0.0200	1.000	0	114	72.7	133				
Bromodichloromethane	1.11	0.0200	1.000	0	111	76.1	136				
Dibromomethane	1.12	0.0400	1.000	0	112	70	130				
cis-1,3-Dichloropropene	1.10	0.0200	1.000	0	110	59.1	143				
Toluene	1.11	0.0200	1.000	0	111	81.1	123				
trans-1,3-Dichloropropylene	1.06	0.0300	1.000	0	106	49.2	149				
1,1,2-Trichloroethane	1.10	0.0300	1.000	0	110	74.5	129				
1,3-Dichloropropane	1.09	0.0500	1.000	0	109	70	130				
Tetrachloroethene (PCE)	1.16	0.0200	1.000	0	116	64.4	150				
Dibromochloromethane	1.10	0.0300	1.000	0	110	70.6	144				
1,2-Dibromoethane (EDB)	1.10	0.00500	1.000	0	110	70	130				
Chlorobenzene	1.05	0.0200	1.000	0	105	76.1	123				
1,1,1,2-Tetrachloroethane	1.04	0.0300	1.000	0	104	74.8	131				
Ethylbenzene	1.05	0.0300	1.000	0	105	74	129				
m,p-Xylene	2.09	0.0200	2.000	0	105	79.8	128				
o-Xylene	1.06	0.0200	1.000	0	106	77.3	128				
Styrene	1.05	0.0200	1.000	0	105	76.8	130				
Isopropylbenzene	1.04	0.0800	1.000	0	104	70	130				
Bromoform	1.02	0.0200	1.000	0	102	67	154				
Qualifiare: B Analyte detected in the	associated Method Blank		D Dilution was	3 required			E Value		100		

Qualifiers:

R

ution was required

H Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

J Analyte detected below quantitation limits

alue above quantitation nge

Reporting Limit RL

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3048	SampType: LCS			Units: mg/Kg		Prep Da	te: 8/24/20	12	RunNo: 551	1	
Client ID: LCSS	Batch ID: 3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	3355	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	1.00	0.0200	1.000	0	100	61.9	139				
n-Propylbenzene	1.04	0.0200	1.000	0	104	78	130				
Bromobenzene	1.04	0.0300	1.000	0	104	49.2	144				
1,3,5-Trimethylbenzene	1.07	0.0200	1.000	0	107	79.7	128				
2-Chlorotoluene	1.08	0.0200	1.000	0	108	76.7	129				
4-Chlorotoluene	1.06	0.0200	1.000	0	106	77.5	125				
tert-Butylbenzene	1.02	0.0200	1.000	0	102	74.2	128				
1,2,3-Trichloropropane	1.05	0.0200	1.000	0	105	67.9	136				
1,2,4-Trichlorobenzene	1.01	0.0500	1.000	0	101	65.6	137				
sec-Butylbenzene	1.08	0.0200	1.000	0	108	75.6	133				
4-Isopropyltoluene	1.07	0.0200	1.000	0	107	76.8	131				
1,3-Dichlorobenzene	1.01	0.0200	1.000	0	101	72.8	128				
1,4-Dichlorobenzene	1.03	0.0200	1.000	0	103	72.6	126				
n-Butylbenzene	0.972	0.0200	1.000	0	97.2	65.3	136				
1,2-Dichlorobenzene	1.02	0.0200	1.000	0	102	72.8	126				
1,2-Dibromo-3-chloropropane	1.01	0.0300	1.000	0	101	64.3	135				
1,2,4-Trimethylbenzene	1.07	0.0200	1.000	0	107	77.5	129				
Hexachlorobutadiene	0.961	0.100	1.000	0	96.1	42	151				
Naphthalene	1.01	0.0300	1.000	0	101	64	130				
1,2,3-Trichlorobenzene	1.00	0.0200	1.000	0	100	62.1	140				
Surr: 1-Bromo-4-fluorobenzene	0.532		0.5000		106	63.1	141				
Surr: Dibromofluoromethane	0.506		0.5000		101	67.6	119				
Surr: Toluene-d8	0.525		0.5000		105	78.5	126				

Qualifiers: B A

Analyte detected in the associated Method Blank

- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits





Former Pace Kirkland

Work Order: 1208084

Project:

CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3048	SampType: MBLK			Units: mg/Kg		Prep Date:	8/24/20	12	RunNo: 551	1	
Client ID: MBLKS	Batch ID: 3048					Analysis Date:	8/26/20	12	SeqNo: 108	356	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution wa	as required			E Value	e above quantitation ra	nge		
H Holding times for prepa	aration or analysis exceeded		J Analyte de	tected below quantitation lim	nits		ND Not d	etected at the Reporti	ng Limit		

R RPD outside accepted recovery limits

RL Reporting Limit

- S Spike recovery outside accepted recovery limits





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3048	SampType: MBLK			Units: mg/Kg		Prep Da	te: 8/24/20)12	RunNo: 551	1	
Client ID: MBLKS	Batch ID: 3048					Analysis Da	te: 8/26/20)12	SeqNo: 108	356	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution wa	as required			E Valu	e above quantitation ra	inge		
H Holding times for prepa	aration or analysis exceeded		J Analyte de	tected below quantitation lim	iits		ND Not o	detected at the Reporti	ng Limit		
R RPD outside accepted	recovery limits		RL Reporting	Limit			S Spike	e recovery outside acc	epted recovery limit	s	

R RPD outside accepted recovery limits



Work Order:	1208084									QC S	SUMMA	RY REF	ORT
CLIENT:	PES Enviro	nmental, In	С.					Volatil	e Organi	ic Compou	nds bv EP	A Methor	d 8260
Project:	Former Pac	e Kirkland							e ei gam				
Sample ID: MB-3048		SampType: MBLK				Units: mg/Kg	I	Prep Da	ite: 8/24/20	12	RunNo: 551	11	
Client ID: MBLK	(S	Batch ID:	3048					Analysis Da	te: 8/26/20	12	SeqNo: 108	3356	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene			ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene			0.510		0.5000		102	63.1	141				
Surr: Dibromoflu	oromethane		0.466		0.5000		93.1	67.6	119				
Surr: Toluene-da	8		0.518		0.5000		104	78.5	126				
Sample ID: ICV-2	985B	SampType				Units: mg/Kg		Prep Da	ite: 8/30/20	12	RunNo: 536	39	
Client ID: ICV		Batch ID:	2985					Analysis Da	te: 8/30/20	12	SeqNo: 109	9946	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride			19.3	0.0200	20.00	0	96.5	70	130				
Surr: 1-Bromo-4-fluorobenzene			10.3		10.00		103	63.1	141				
Surr: Dibromofluoromethane			9.92		10.00		99.2	67.6	119				
Surr: Toluene-da	8		10.6		10.00		106	78.5	126				
Sample ID: ICV-R5611		SampType: ICV				Units: mg/Kg		Prep Date: 9/6/2012		RunNo: 5611			
Client ID: ICV): ICV Batch ID: R5611 Analy:		Analysis Da	Analysis Date: 9/6/2012		SeqNo: 110322							
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride			19.6	0.0200	20.00	0	97.9	70	130				
Surr: 1-Bromo-4-fluorobenzene			10.0		10.00		100	63.1	141				
Surr: Dibromofluoromethane			10.2		10.00		102	67.6	119				
Surr: Toluene-da	8		10.3		10.00		103	78.5	126				

Work Order: 1208084

В Qualifiers:

- Analyte detected in the associated Method Blank
- н Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

- Dilution was required D
- Analyte detected below quantitation limits J
- Reporting Limit RL

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- s Spike recovery outside accepted recovery limits



Clien	t Name: PES	Work Order Number:	1208084	
Logg	ed by: Troy Zehr	Date Received:	8/14/2012 3:15:00 F	² M
<u>Cha</u>	in of Custody			
1.	Were custodial seals present?	Yes	No 🗌 Not Re	equired 🗹
2.	Is Chain of Custody complete?	Yes 🗹	No 🗌 Not F	Present
3.	How was the sample delivered?	Courier		
Log	<u>l In</u>			
4.	Coolers are present?	Yes 🔽	No 🗌	
5.	Was an attempt made to cool the samples?	Yes 🗹	No 🗌	
6.	Were all coolers received at a temperature of $>0^{\circ}$ C to 10.0° C	Yes 🗹	No 🗌	
7.	Sample(s) in proper container(s)?	Yes 🗸	No 🗌	
8.	Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗌	
9.	Are samples properly preserved?	Yes 🗹	No 🗌	
10.	Was preservative added to bottles?	Yes	No 🗹	NA 🗌
11.	Is there headspace present in VOA vials?	Yes	No 🗌	NA 🗹
12.	Did all sample containers arrive in good condition?(unbroken)	Yes 🗹	No 🗌	
13.	Does paperwork match bottle labels?	Yes 🗹	No 🗌	
14.	Are matrices correctly identified on Chain of Custody?	Yes 🗹	No 🗌	
15.	Is it clear what analyses were requested?	Yes 🗹	No 🗌	
16.	Were all holding times able to be met?	Yes 🗹	No 🗌	
Spe	ecial Handling (if applicable)			
17.	Was client notified of all discrepancies with this order?	Yes	No 🗌	NA 🔽
	Person Notified: Dat By Whom: Via Regarding: Client Instructions:	e: eMail Phor	ne 🗌 Fax 🗌 In Per	rson

18. Additional remarks/Disrepancies

Item Information

Item #	Temp °C	Condition			
Cooler 1	2.4	Good			
Cooler 2	2.1	Good			








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MEMORANDUM

2

TO:	Project File	DATE:	September 10, 201
FROM:	Jerry Harris		
SUBJECT:	Laboratory Data Validation Review		
PROJECT:	Former Pace Facility Kirkland, WA		
PROJECT #:	1006.008.01.003		
TASK:	August 13-14, 2012 Soil Samples		
LAB:	Fremont Analytical Service Request No. 12	08084	

Soil sampling was conducted at the former Pace facility in Kirkland, Washington on August 13 and 14, 2012. Thirty-seven (37) soil samples were collected from the site.

Selected soil samples were analyzed for total petroleum hydrocarbons (TPH) as diesel (fuel oil), diesel-range organics (DRO), and heavy oil (HO) by the Northwest TPH Dx (NWTPH-Dx) method, TPH as gasoline by the NWTPH-Gx method, and volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260. The TPH-Dx analyses were performed in two analysis groups (IDs 2989 and 3041); the TPH-Gx analyses were performed in two analysis groups (IDs 5370 and 5512); and the VOC analyses were performed in two primary analysis groups (IDs 2985 and 3048). Re-analyses of methylene chloride in two samples were performed in secondary analysis groups 5418 and 5611. Laboratory analytical services were provided by Fremont Analytical (FA) of Seattle, Washington. FA Project number: 1208084.

The quality assurance review of the groundwater samples data is summarized below.

DATA QUALIFICATIONS

Guidelines established by USEPA for review of analytical data were used to validate the data. The comments presented in this memorandum refer to the laboratory's performance in meeting the quality control criteria outlined in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999).

DATA VALIDATION

Completeness

All samples were collected and analyzed as requested.

Sample Collection and Preservation

The samples were collected in appropriately preserved containers supplied by the analytical laboratory. The laboratory reported that the samples were received in good condition. The laboratory received the samples in two coolers at temperatures of 2.4 and 2.1 degrees centigrade (°C). The cooler temperatures were within the USEPA recommended temperature range of $4^{\circ} \pm 2^{\circ}$ C. No data qualifications were warranted based upon the laboratory receipt temperatures.

Holding Times

NWTPH-Dx

The extractions and analyses for the NWTPH-Dx method were performed within the recommended 14 day holding time limit for soil samples.

NWTPH-Gx

The analyses for the NWTPH Gx method were performed within the recommended 14 day holding time limit for soil samples.

USEPA Method 8260

The analyses for VOCS were performed within the recommended 14 day holding time limit for soil samples except for re-analysis for methylene chloride only for samples HA-6-2 and HA-5-2. The methylene chloride re-analysis for sample HA-6-2 was conducted 16 days after sample collection. This exceeded the holding time by two days. Based upon this exceedance, the methylene chloride result for sample HA-6-2 is qualified as estimated and assigned a J flag. The two-day exceedance was not considered sufficient cause to warrant rejection of the data due to proper preservation while at the laboratory and the relatively low volatility of methylene chloride result is qualified as rejected and assigned an R flag due to the 8-day holding time exceedance. Laboratory report pages showing the qualifications are attached. No other data were qualified based upon holding times.

Initial Calibration

Hard copies of the initial calibration verification (ICV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in initial calibration results associated with the project analyses if they occur. No discrepancies were reported; therefore no data qualifications were warranted.

The laboratory reported ICV results for re-analysis group 5418 for the USEPA 8260 re-analysis of methylene chloride. The ICV results were within the laboratory control limits. No qualifications were warranted.

Continuing Calibration

Hard copies of the continuing calibration verification (CCV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in continuing calibration results associated with the project analyses. No discrepancies were reported; therefore no data qualifications were warranted.

The laboratory reported CCV results for analysis group 2989 for the NWTPH-Dx analysis. The CCV results were within the laboratory control limits. No qualifications were warranted.

The laboratory reported CCV results for analysis group 5370 for the NWTPH-Gx analysis. The CCV results were within the laboratory control limits. No qualifications were warranted.

The laboratory reported CCV results for re-analysis analysis group 5611 for the USPEA 8260 methylene chloride re-analysis. The CCV results were within the laboratory control limits. No qualifications were warranted.

Method Blank Results

NWTPH-Dx

Two method blanks were analyzed with the two analysis groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the Method Reporting Limits (MRLs). No data qualifications were warranted.

NWTPH-Gx

Two method blanks were analyzed with the two analysis groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

USEPA Method 8260

Two method blanks were analyzed with the two primary analysis groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. In addition, the laboratory reported the method blank results for the analysis groups/sample lots that included the two samples for methylene chloride re-analysis (HA-6-2 and HA-5-2). The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

Trip Blank Results

No trip blanks were required or collected during this field event.

Field Duplicate Analyses

No field duplicates were required or collected during this field event.

Laboratory Duplicate Analyses

NWTPH-Dx

The laboratory prepared two duplicate soil samples for analysis group 2989 from project samples HA-5-2 and GP-24-0.5 and one duplicate from analysis group 3041 (from sample GP-13-9.5). 03_DV_Fremont_1208084_Final_v4 Page 3 of 6

The primary and laboratory duplicate pairs were analyzed by the NWTPH Dx method. The relative percent differences (RPD) for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

NWTPH-Gx

The laboratory prepared two duplicate soil samples for the two analysis groups. For analysis group 5370, one duplicate was prepared from primary sample HA-8-2. The duplicate for analysis group 5512 was prepared from a batch (non-project) sample. The primary and laboratory duplicate pairs were analyzed by the NWTPH Gx method. The RPD for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

USEPA Method 8260

The laboratory prepared a duplicate soil sample for batch 2985; the duplicate was prepared from project sample HA-8-2. The RPDs for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. For batch 3048, one duplicate was prepared from a batch (non-project) sample. The RPDs for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. For batch 30 RPD. For the re-analysis batches for methylene chloride, duplicate results from the primary analysis batches apply. No data qualifications were warranted.

Surrogate Recoveries

NWTPH-Dx

The surrogate percent recovery (%R) results for all NWTPH Dx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 50 to 150%R.

NWTPH-Gx

The surrogate %R results for all NWTPH Gx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 65 to 135%. No data qualifications were warranted.

USEPA Method 8260

The surrogate %R results for all USEPA Method 8260 soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits. No data qualifications were warranted.

Laboratory Control Samples

NWTPH-Dx

Two laboratory control samples (LCS) were prepared and analyzed; one for each analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

NWTPH-Gx

Two laboratory control samples (LCS) were prepared and analyzed; one for each analytical

03_DV_Fremont_1208084_Final_v4

batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

USEPA Method 8260

Two LCSs were prepared and analyzed; one for primary analysis batch 2985, one for primary analysis batch 3048. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted. For the re-analysis batches (5418 and 5611), the primary LCS results apply. The laboratory reported CCV results for batch 5418 and ICV results for batch 5611. These results are discussed in the CCV and ICV sections above.

Matrix Spike/Matrix Spike Duplicates

NWTPH-Dx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Dx method.

NWTPH-Gx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Gx method.

USEPA Method 8260

Two soil MSs were prepared and analyzed with the project samples; one for each of the primary analysis batches. Sample duplicates were analyzed in lieu of MSDs for the samples. This is acceptable. The MS %Rs for all target analytes in analysis batch 2985 were within the laboratory control limits except for bromomethane, trichlorofluoromethane, chloroethane, 1,1-dichloroethene, and methylene chloride. The %Rs for these compounds were below the lower control limit, indicating a potential matrix-induced variability in sample results for these compounds. However, these compounds were not detected in the project sample and the remaining quality control data did not indicate any issues with detecting these compounds. Based upon this information, the MS exceedances are not considered to affection non-detect results. These compounds were not detected in any of the project samples; therefore, no data were qualified. For analysis batch 3048, the MS %Rs for all target analytes were within the laboratory control limits except for vinyl chloride and bromomethane. Because the MS for this analysis group was prepared from a batch (non-project) sample and because there were no other QC issues associated with these compounds in the remaining quality control data, the MS exceedances are not considered sufficient cause to warrant qualification of the data. No other qualifications were warranted.

Other Quality Control Issues

The laboratory reported that the cis-1,3-dichloropropene and trans-1,3-dichloropropylene results for the USEPA 8260 analyses in analysis group 2985 exceeded quality control limits. However, review of the quality control data from these two compounds indicated that there were no exceedances. No qualifications were warranted.

No other laboratory quality control issues were identified in the laboratory report.

Quantitation Limits

The MRLs were acceptable for the project; therefore, no data qualifiers were assigned.

Data Assessment

The USEPA 8260 result for methylene chloride in sample HA-6-2 is qualified as estimated and assigned a J flag. The USEPA 8260 result for methylene chloride in sample HA-5-2 is qualified as rejected and assigned an R flag. The laboratory report pages with the indicated qualifiers are attached. All unqualified data and J qualified data are judged to be acceptable for their intended use. The rejected data is not considered usable.



WO#: **1208084** Date Reported: **9/6/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 1:30:00 PM					
Project: Former Pace Kirkland						
Lab ID: 1208084-025	Matrix: Soil					
Client Sample ID: HA-6-2						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
			-			,
Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	n ID: 2989	Analyst: SG
Diesel (Fuel Oil)	ND	19.6		ma/Ka-drv	1	8/18/2012 4:16:00 AM
Heavy Oil	ND	49.0		ma/Ka-drv	1	8/18/2012 4:16:00 AM
Surr: 2-Fluorobiphenyl	98.0	50-150		%REC	1	8/18/2012 4:16:00 AM
Surr: o-Terphenyl	93.5	50-150		%REC	1	8/18/2012 4:16:00 AM
Gasoline by NWTPH-Gx				Batch	ו ID: R537	0 Analyst: EM
Gasoline	ND	6.21		ma/Ka-drv	1	8/21/2012 1:39:00 AM
Surr: 1.2-Dichloroethane-d4	104	65-135		%REC	1	8/21/2012 1:39:00 AM
Surr: Fluorobenzene	99.8	65-135		%REC	1	8/21/2012 1:39:00 AM
Volatile Organic Compounds by E	PA Method 8	<u>3260</u>		Batch	ו ID: 2985	Analyst: EM
Dichloradifluoromathana (CEC 12)		0.0745	*	ma/Ka day	1	8/21/2012 1·20·00 AM
Chloromothano		0.0745		mg/Kg-dry	1	8/21/2012 1:39:00 AM
Vind chloride		0.0743		mg/Kg-dry	1	8/21/2012 1:39:00 AM
Bromomethane		0.00240		mg/Kg-dry	1	8/21/2012 1:39:00 AM
Trichlorofluoromethane (CEC-11)	ND	0.0621		mg/Kg-dry	1	8/21/2012 1:30:00 AM
Chloroethane	ND	0.0745		mg/Kg dry	1	8/21/2012 1:39:00 AM
1 1-Dichloroethene	ND	0.0621		mg/Kg dry	1	8/21/2012 1:39:00 AM
Methylene chloride	ND .	0.0248	[RA]	ma/Ka-dry	1	8/30/2012 7:42:00 PM
trans-1 2-Dichloroethene		0.0248	[ivi]	mg/Kg dry	1	8/21/2012 1:39:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0621		ma/Ka-dry	1	8/21/2012 1:39:00 AM
1 1-Dichloroethane	ND	0.0248		ma/Ka-dry	1	8/21/2012 1:39:00 AM
2 2-Dichloropropane	ND	0.0621		ma/Ka-drv	1	8/21/2012 1:39:00 AM
cis-1 2-Dichloroethene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM
Chloroform	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM
1 1 1-Trichloroethane (TCA)	ND	0.0248		ma/Ka-dry	1	8/21/2012 1:39:00 AM
1 1-Dichloropropene	ND	0.0248		ma/Ka-dry	1	8/21/2012 1:39:00 AM
Carbon tetrachloride	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM
1.2-Dichloroethane (FDC)	ND	0.0372		ma/Ka-drv	1	8/21/2012 1:39:00 AM
Benzene	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM
Trichloroethene (TCF)	ND	0.0372		ma/Ka-drv	1	8/21/2012 1:39:00 AM
1.2-Dichloropropane	ND	0.0248		ma/Ka-drv	1	8/21/2012 1:39:00 AM
Bromodichloromethane	ND	0.0248		mg/Kq-drv	1	8/21/2012 1:39:00 AM
					-	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208084** Date Reported: **9/6/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/14/2012 2:0								
ab ID: 1208084-028				Matrix: Sc	vil				
Client Semple ID: UA 5.2									
	.		• •		55				
Analyses	Result	RL	Quai	Units	DF	Date Analyzed			
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	n ID: 2989	Analyst: SG			
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	8/18/2012 4:44:00 AM			
Heavy Oil	ND	51.4		mg/Kg-dry	1	8/18/2012 4:44:00 AM			
Surr: 2-Fluorobiphenyl	93.7	50-150		%REC	1	8/18/2012 4:44:00 AM			
Surr: o-Terphenyl	90.4	50-150		%REC	1	8/18/2012 4:44:00 AM			
Gasoline by NWTPH-Gx				Batch	ו ID: R537	0 Analyst: EM			
Gasoline	ND	4.80		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Surr: 1,2-Dichloroethane-d4	112	65-135		%REC	1	8/21/2012 2:10:00 AM			
Surr: Fluorobenzene	106	65-135		%REC	1	8/21/2012 2:10:00 AM			
Volatile Organic Compounds by E	PA Method 8	<u>260</u>		Batch	ı ID: 2985	Analyst: EM			
Dichlorodifluoromethane (CFC-12)	ND	0.0576	*	mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Chloromethane	ND	0.0576		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Vinyl chloride	ND	0.00192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Bromomethane	ND	0.0863		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Trichlorofluoromethane (CFC-11)	ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Chloroethane	ND	0.0576		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
1,1-Dichloroethene	ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Methylene chloride	ND R	0.0192	[RA]	mg/Kg-dry	1	9/6/2012 2:58:00 PM			
trans-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Methyl tert-butyl ether (MTBE)	ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
1,1-Dichloroethane	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
2,2-Dichloropropane	ND	0.0480		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
cis-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Chloroform	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
1,1,1-Trichloroethane (TCA)	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
1,1-Dichloropropene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Carbon tetrachloride	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
1,2-Dichloroethane (EDC)	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Benzene	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Trichloroethene (TCE)	ND	0.0288		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
1,2-Dichloropropane	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			
Bromodichloromethane	ND	0.0192		mg/Kg-dry	1	8/21/2012 2:10:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



1311 N. 35th St. Seattle, WA 98103 T: (206) 352-3790 F: (206) 352-7178 info@fremontanalytical.com

PES Environmental, Inc. Kelly Rankich 1215 Fourth Avenue, Suite 1350 Seattle, Washington 98161

RE: Former Pace Kirkland Lab ID: 1208094

September 11, 2012

Attention Kelly Rankich:

Fremont Analytical, Inc. received 32 sample(s) on 8/15/2012 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Gasoline by NWTPH-Gx Organochlorine Pesticides by EPA Method 8081 Sample Moisture (Percent Moisture) Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

MGR

Michael Dee Sr. Chemist / Principal



CLIENT: Project: Lab Order:	PES Environmental, Inc. Former Pace Kirkland 1208094	Work Order Sample Summa						
Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received					
1208094-001	GP-23-3	08/15/2012 8:00 AM	08/15/2012 1:54 PM					
1208094-002	GP-23-7.5	08/15/2012 8:10 AM	08/15/2012 1:54 PM					
1208094-003	GP-23-11	08/15/2012 8:15 AM	08/15/2012 3:54 PM					
1208094-004	GP-23-16	08/15/2012 8:25 AM	08/15/2012 3:54 PM					
1208094-005	GP-23-23	08/15/2012 8:40 AM	08/15/2012 3:54 PM					
1208094-006	GP-23-28	08/15/2012 9:00 AM	08/15/2012 3:54 PM					
1208094-007	GP-19-1.5	08/15/2012 9:30 AM	08/15/2012 3:54 PM					
1208094-008	GP-19-9	08/15/2012 9:35 AM	08/15/2012 3:54 PM					
1208094-009	GP-19-12.5	08/15/2012 9:45 AM	08/15/2012 3:54 PM					
1208094-010	GP-19-20.5	08/15/2012 11:15 AM	08/15/2012 3:54 PM					
1208094-011	GP-19-24	08/15/2012 11:20 AM	08/15/2012 3:54 PM					
1208094-012	GP-4-3	08/14/2012 2:40 PM	08/15/2012 3:54 PM					
1208094-013	GP-4-8	08/14/2012 2:50 PM	08/15/2012 3:54 PM					
1208094-014	GP-4-13	08/14/2012 2:55 PM	08/15/2012 3:54 PM					
1208094-015	GP-4-18	08/14/2012 3:00 PM	08/15/2012 3:54 PM					
1208094-016	GP-4-23	08/14/2012 3:05 PM	08/15/2012 3:54 PM					
1208094-017	GP-4-27	08/14/2012 3:30 PM	08/15/2012 3:54 PM					
1208094-018	GP-12-3	08/15/2012 12:30 PM	08/15/2012 3:54 PM					
1208094-019	GP-12-7	08/15/2012 12:40 PM	08/15/2012 3:54 PM					
1208094-020	GP-12-11.5	08/15/2012 12:45 PM	08/15/2012 3:54 PM					
1208094-021	GP-12-14	08/15/2012 1:00 PM	08/15/2012 3:54 PM					
1208094-022	GP-12-20	08/15/2012 1:10 PM	08/15/2012 3:54 PM					
1208094-023	GP-12-27	08/15/2012 3:30 PM	08/15/2012 3:54 PM					
1208094-024	GP-20-3	08/15/2012 2:15 PM	08/15/2012 3:54 PM					
1208094-025	GP-20-7	08/15/2012 2:20 PM	08/15/2012 3:54 PM					
1208094-026	GP-20-11.5	08/15/2012 2:30 PM	08/15/2012 3:54 PM					
1208094-027	GP-20-17	08/15/2012 2:45 PM	08/15/2012 3:54 PM					
1208094-028	GP-20-23	08/15/2012 3:00 PM	08/15/2012 3:54 PM					
1208094-029	GP-20-27	08/15/2012 3:10 PM	08/15/2012 3:54 PM					
1208094-030	GP-12-24	08/15/2012 3:20 PM	08/15/2012 3:54 PM					
1208094-031	MEOH Trip Blank #1		08/15/2012 1:54 PM					
1208094-032	MEOH Trip Blank #2		08/15/2012 1:54 PM					



Case Narrative

Date: 9/11/2012

CLIENT:PES Environmental, Inc.Project:Former Pace Kirkland

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-002B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-004B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-007B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-008B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-010B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-013B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-015B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-018B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-022B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-020B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-026B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-028B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-029B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208094-030B) required Silica Gel Cleanup Procedure.



WO#: 1208094

Date: 9/11/2012

CLIENT:PES Environmental, Inc.Project:Former Pace Kirkland

DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (C12-C24).

GRO - Indicates the presence of unresolved compounds eluting from toluene to dodecane (~C7->C12).



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 8:10:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208094-002				Matrix: Sc	oil		
Client Sample ID: GP-23-7.5							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-I	Dx/Dx Ext.			Batch	ו ID:	2990 Analyst: SG	
Diesel (Fuel Oil)	ND	21.9		mg/Kg-dry	1	8/18/2012 9:46:00 AM	
Diesel Range Organics (C12-C24)	ND	21.9		mg/Kg-dry	1	8/18/2012 9:46:00 AM	
Heavy Oil	ND	54.7		mg/Kg-dry	1	8/18/2012 9:46:00 AM	
Surr: 2-Fluorobiphenyl	97.9	50-150		%REC	1	8/18/2012 9:46:00 AM	
Surr: o-Terphenyl	97.6	50-150		%REC	1	8/18/2012 9:46:00 AM	
Gasoline by NWTPH-Gx				Batch	ו ID:	R5419 Analyst: EM	
Gasoline	ND	5.82		mg/Kg-dry	1	8/21/2012 12:17:00 PM	
Gasoline Range Organics C6-C12	ND	5.82		mg/Kg-dry	1	8/21/2012 12:17:00 PM	
Surr: 1,2-Dichloroethane-d4	108	65-135		%REC	1	8/21/2012 12:17:00 PM	
Surr: Fluorobenzene	111	65-135		%REC	1	8/21/2012 12:17:00 PM	

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 8:25:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208094-004				Matrix: Sc	oil		
Client Sample ID: GP-23-16							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	ו ID: 2	2990 Analyst: SG	
Diesel (Fuel Oil)	ND	23.2		mg/Kg-dry	1	8/18/2012 10:13:00 AM	
Diesel Range Organics (C12-C24)	ND	23.2		mg/Kg-dry	1	8/18/2012 10:13:00 AM	
Heavy Oil	ND	58.0		mg/Kg-dry	1	8/18/2012 10:13:00 AM	
Surr: 2-Fluorobiphenyl	103	50-150		%REC	1	8/18/2012 10:13:00 AM	
Surr: o-Terphenyl	101	50-150		%REC	1	8/18/2012 10:13:00 AM	
Gasoline by NWTPH-Gx				Batch	ו ID: F	R5419 Analyst: EM	
Gasoline	ND	5.38		mg/Kg-dry	1	8/21/2012 1:23:00 PM	
Gasoline Range Organics C6-C12	ND	5.38		mg/Kg-dry	1	8/21/2012 1:23:00 PM	
Surr: 1,2-Dichloroethane-d4	111	65-135		%REC	1	8/21/2012 1:23:00 PM	
Surr: Fluorobenzene	113	65-135		%REC	1	8/21/2012 1:23:00 PM	

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 9:30:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208094-007				Matrix: So	oil		
Client Sample ID: GP-19-1.5							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-	<u>Dx/Dx Ext.</u>			Batch	n ID: 2	2990 Analyst: SG	
Diesel (Fuel Oil)	ND	17.1		mg/Kg-dry	1	8/18/2012 10:41:00 AM	
Diesel Range Organics (C12-C24)	17.8	17.1		mg/Kg-dry	1	8/18/2012 10:41:00 AM	
Heavy Oil	ND	42.8		mg/Kg-dry	1	8/18/2012 10:41:00 AM	
Surr: 2-Fluorobiphenyl	124	50-150		%REC	1	8/18/2012 10:41:00 AM	
Surr: o-Terphenyl	118	50-150		%REC	1	8/18/2012 10:41:00 AM	
Gasoline by NWTPH-Gx				Batch	ו ID: F	R5419 Analyst: EM	
Gasoline	ND	7.44		mg/Kg-dry	1	8/21/2012 3:02:00 PM	
Gasoline Range Organics C6-C12	ND	7.44		mg/Kg-dry	1	8/21/2012 3:02:00 PM	
Surr: 1,2-Dichloroethane-d4	114	65-135		%REC	1	8/21/2012 3:02:00 PM	
Surr: Fluorobenzene	113	65-135		%REC	1	8/21/2012 3:02:00 PM	

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 9:35:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208094-008				Matrix: So	bil		
Client Sample ID: GP-19-9							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 2	2990 Analyst: SG	
Diesel (Fuel Oil)	ND	17.9		mg/Kg-dry	1	8/18/2012 12:03:00 PM	
Diesel Range Organics (C12-C24)	ND	17.9		mg/Kg-dry	1	8/18/2012 12:03:00 PM	
Heavy Oil	ND	44.7		mg/Kg-dry	1	8/18/2012 12:03:00 PM	
Surr: 2-Fluorobiphenyl	101	50-150		%REC	1	8/18/2012 12:03:00 PM	
Surr: o-Terphenyl	96.4	50-150		%REC	1	8/18/2012 12:03:00 PM	
Gasoline by NWTPH-Gx				Batch	ו ID: F	R5419 Analyst: EM	
Gasoline	ND	4.58		mg/Kg-dry	1	8/21/2012 3:35:00 PM	
Gasoline Range Organics C6-C12	ND	4.58		mg/Kg-dry	1	8/21/2012 3:35:00 PM	
Surr: 1,2-Dichloroethane-d4	112	65-135		%REC	1	8/21/2012 3:35:00 PM	
Surr: Fluorobenzene	111	65-135		%REC	1	8/21/2012 3:35:00 PM	

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Collection Date: 8/15/2012 11:15:00 AM					
			Matrix: Sc	oil	
Result	RL	Qual	Units	DF	Date Analyzed
)x/Dx Ext.			Batch	n ID: 2	2990 Analyst: SG
ND	24.5		mg/Kg-dry	1	8/18/2012 12:31:00 PM
ND	24.5		mg/Kg-dry	1	8/18/2012 12:31:00 PM
ND	61.3		mg/Kg-dry	1	8/18/2012 12:31:00 PM
106	50-150		%REC	1	8/18/2012 12:31:00 PM
102	50-150		%REC	1	8/18/2012 12:31:00 PM
			Batch	n ID: F	R5419 Analyst: EM
ND	5.53		mg/Kg-dry	1	8/21/2012 4:09:00 PM
ND	5.53		mg/Kg-dry	1	8/21/2012 4:09:00 PM
110	65-135		%REC	1	8/21/2012 4:09:00 PM
112	65-135		%REC	1	8/21/2012 4:09:00 PM
	Result Dx/Dx Ext. ND ND 106 102 ND 101 110 112	Result RL Dx/Dx Ext. 24.5 ND 24.5 ND 61.3 106 50-150 102 50-150 ND 5.53 ND 5.53 110 65-135 112 65-135	Result RL Qual Dx/Dx Ext.	Collection Matrix: Sc Result RL Qual Units Dx/Dx Ext. Batch ND 24.5 mg/Kg-dry ND 24.5 mg/Kg-dry ND 61.3 mg/Kg-dry ND 61.3 mg/Kg-dry ND 50-150 %REC D02 50-150 %REC ND 5.53 mg/Kg-dry ND 5.53 %REC 110 65-135 %REC	Result RL Qual Units DF Matrix: Soil Soil Soil Soil Dx/Dx Ext. Ratch Qual Units DF ND 24.5 mg/Kg-dry 1 ND 24.5 mg/Kg-dry 1 ND 61.3 mg/Kg-dry 1 ND 61.3 mg/Kg-dry 1 ND 50-150 %REC 1 ND 5.53 mg/Kg-dry 1 ND 5.53 %REC 1 110 65-135 %REC 1 112 65-135 %REC 1

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Collection Date: 8/14/2012 2:50:00 PM					
			Matrix: So	oil	
Result	RL	Qual	Units	DF	Date Analyzed
)x/Dx Ext.			Batch	ו ID: נ	2990 Analyst: SG
ND	21.5		mg/Kg-dry	1	8/18/2012 12:59:00 PM
ND	21.5		mg/Kg-dry	1	8/18/2012 12:59:00 PM
ND	53.8		mg/Kg-dry	1	8/18/2012 12:59:00 PM
97.4	50-150		%REC	1	8/18/2012 12:59:00 PM
95.3	50-150		%REC	1	8/18/2012 12:59:00 PM
			Batch	ו ID:	R5419 Analyst: EM
ND	5.06		mg/Kg-dry	1	8/21/2012 4:43:00 PM
ND	5.06		mg/Kg-dry	1	8/21/2012 4:43:00 PM
110	65-135		%REC	1	8/21/2012 4:43:00 PM
110	65-135		%REC	1	8/21/2012 4:43:00 PM
	Result Dx/Dx Ext. ND ND 97.4 95.3 ND ND ND 110 110	Result RL Dx/Dx Ext. 21.5 ND 21.5 ND 21.5 ND 53.8 97.4 50-150 95.3 50-150 ND 5.06 ND 5.06 110 65-135 110 65-135	Result RL Qual Dx/Dx Ext. 21.5 ND 21.5 ND 21.5 ND 53.8 97.4 50-150 95.3 50-150 ND 5.06 ND 5.06 110 65-135 110 65-135	Collection Matrix: Sc Result RL Qual Units Dx/Dx Ext. Batch ND 21.5 mg/Kg-dry mg/Kg-dry ND 21.5 mg/Kg-dry ND 53.8 mg/Kg-dry 97.4 50-150 %REC 95.3 50-150 %REC ND 5.06 mg/Kg-dry ND 5.06 mg/Kg-dry	Result RL Qual Units DF Dx/Dx Ext. Batch ID: ID: ID: ND 21.5 mg/Kg-dry 1 ND 21.5 mg/Kg-dry 1 ND 21.5 mg/Kg-dry 1 ND 21.5 mg/Kg-dry 1 ND 53.8 mg/Kg-dry 1 97.4 50-150 %REC 1 95.3 50-150 %REC 1 Batch ID: ID: ID: ND 5.06 mg/Kg-dry 1 ND 5.06 mg/Kg-dry

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/14/2012 3:00:00 PM						
Project: Former Pace Kirkland							
Lab ID: 1208094-015				Matrix: Sc	oil		
Client Sample ID: GP-4-18							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	n ID: 29	990 Analyst: SG	
Diesel (Fuel Oil)	ND	18.9		mg/Kg-dry	1	8/18/2012 1:26:00 PM	
Diesel Range Organics (C12-C24)	ND	18.9		mg/Kg-dry	1	8/18/2012 1:26:00 PM	
Heavy Oil	ND	47.2		mg/Kg-dry	1	8/18/2012 1:26:00 PM	
Surr: 2-Fluorobiphenyl	95.8	50-150		%REC	1	8/18/2012 1:26:00 PM	
Surr: o-Terphenyl	92.7	50-150		%REC	1	8/18/2012 1:26:00 PM	
Gasoline by NWTPH-Gx				Batch	ו ID: R	5419 Analyst: EM	
Gasoline	ND	6.58		mg/Kg-dry	1	8/21/2012 8:25:00 PM	
Gasoline Range Organics C6-C12	ND	6.58		mg/Kg-dry	1	8/21/2012 8:25:00 PM	
Surr: 1,2-Dichloroethane-d4	120	65-135		%REC	1	8/21/2012 8:25:00 PM	
Surr: Fluorobenzene	110	65-135		%REC	1	8/21/2012 8:25:00 PM	

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 12:30:00 PM					
Project: Former Pace Kirkland						
Lab ID: 1208094-018				Matrix: So	bil	
Client Sample ID: GP-12-3						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-I	Dx/Dx Ext.			Batch	n ID: 2	990 Analyst: SG
Diesel (Fuel Oil)	ND	17.3		mg/Kg-dry	1	8/18/2012 1:54:00 PM
Diesel Range Organics (C12-C24)	ND	17.3		mg/Kg-dry	1	8/18/2012 1:54:00 PM
Heavy Oil	ND	43.2		mg/Kg-dry	1	8/18/2012 1:54:00 PM
Surr: 2-Fluorobiphenyl	94.6	50-150		%REC	1	8/18/2012 1:54:00 PM
Surr: o-Terphenyl	93.6	50-150		%REC	1	8/18/2012 1:54:00 PM
Gasoline by NWTPH-Gx				Batch	ו ID: R	5419 Analyst: EM
Gasoline	ND	6.33		mg/Kg-dry	1	8/21/2012 8:57:00 PM
Gasoline Range Organics C6-C12	ND	6.33		mg/Kg-dry	1	8/21/2012 8:57:00 PM
Surr: 1,2-Dichloroethane-d4	118	65-135		%REC	1	8/21/2012 8:57:00 PM
Surr: Fluorobenzene	111	65-135		%REC	1	8/21/2012 8:57:00 PM

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 12:45:00 PM							
Project: Former Pace Kirkland								
Lab ID: 1208094-020	Matrix: Soil							
Client Sample ID: GP-12-11.5								
Analyses Result RL Qual					DF	Date Analyzed		
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	ו ID: 2	2990 Analyst: SG		
Diesel (Fuel Oil)	ND	20.2		mg/Kg-dry	1	8/18/2012 2:21:00 PM		
Diesel Range Organics (C12-C24)	ND	20.2		mg/Kg-dry	1	8/18/2012 2:21:00 PM		
Heavy Oil	ND	50.5		mg/Kg-dry	1	8/18/2012 2:21:00 PM		
Surr: 2-Fluorobiphenyl	97.3	50-150		%REC	1	8/18/2012 2:21:00 PM		
Surr: o-Terphenyl	95.4	50-150		%REC	1	8/18/2012 2:21:00 PM		
Gasoline by NWTPH-Gx				Batch	n ID: F	R5419 Analyst: EM		
Gasoline	ND	4.74		mg/Kg-dry	1	8/21/2012 9:30:00 PM		
Gasoline Range Organics C6-C12	ND	4.74		mg/Kg-dry	1	8/21/2012 9:30:00 PM		
Surr: 1,2-Dichloroethane-d4	119	65-135		%REC	1	8/21/2012 9:30:00 PM		
Surr: Fluorobenzene	110	65-135		%REC	1	8/21/2012 9:30:00 PM		

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 1:10:00 PM							
Project: Former Pace Kirkland								
Lab ID: 1208094-022	Matrix: Soil							
Client Sample ID: GP-12-20								
Analyses	Result	RL	Qual	Date Analyzed				
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	ו ID:	2990 Analyst: SG		
Diesel (Fuel Oil)	ND	23.5		mg/Kg-dry	1	8/18/2012 2:49:00 PM		
Diesel Range Organics (C12-C24)	ND	23.5		mg/Kg-dry	1	8/18/2012 2:49:00 PM		
Heavy Oil	ND	58.7		mg/Kg-dry	1	8/18/2012 2:49:00 PM		
Surr: 2-Fluorobiphenyl	97.4	50-150		%REC	1	8/18/2012 2:49:00 PM		
Surr: o-Terphenyl	93.6	50-150		%REC	1	8/18/2012 2:49:00 PM		
Gasoline by NWTPH-Gx				Batch	ו ID:	R5419 Analyst: EM		
Gasoline	ND	4.83		mg/Kg-dry	1	8/21/2012 10:02:00 PM		
Gasoline Range Organics C6-C12	ND	4.83		mg/Kg-dry	1	8/21/2012 10:02:00 PM		
Surr: 1,2-Dichloroethane-d4	120	65-135		%REC	1	8/21/2012 10:02:00 PM		
Surr: Fluorobenzene	111	65-135		%REC	1	8/21/2012 10:02:00 PM		

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208094** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 2:30:00 PM								
Project: Former Pace Kirkland									
Lab ID: 1208094-026	Matrix: Soil								
Client Sample ID: GP-20-11.5									
Analyses	Result	RL	Qual	Qual Units DF Date Analyz					
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 2	990 Analyst: SG			
Diesel (Fuel Oil)	ND	23.9		mg/Kg-dry	1	8/18/2012 3:17:00 PM			
Diesel Range Organics (C12-C24)	ND	23.9		mg/Kg-dry	1	8/18/2012 3:17:00 PM			
Heavy Oil	ND	59.8		mg/Kg-dry	1	8/18/2012 3:17:00 PM			
Surr: 2-Fluorobiphenyl	99.7	50-150		%REC	1	8/18/2012 3:17:00 PM			
Surr: o-Terphenyl	96.1	50-150		%REC	1	8/18/2012 3:17:00 PM			
Gasoline by NWTPH-Gx				Batch	ו ID: R	5419 Analyst: EM			
Gasoline	ND	5.77		mg/Kg-dry	1	8/21/2012 10:35:00 PM			
Gasoline Range Organics C6-C12	ND	5.77		mg/Kg-dry	1	8/21/2012 10:35:00 PM			
Surr: 1,2-Dichloroethane-d4	121	65-135		%REC	1	8/21/2012 10:35:00 PM			
Surr: Fluorobenzene	112	65-135		%REC	1	8/21/2012 10:35:00 PM			

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



WO#: **1208094** Date Reported: **9/11/2012**

Collection Date: 8/15/2012 3:00:00 PM							
Matrix: Soil							
Result	RL	Qual	Date Analyzed				
Dx/Dx Ext.			Batch	n ID: 29	90 Analyst: SG		
ND	24.3		mg/Kg-dry	1	8/18/2012 4:12:00 PM		
ND	24.3		mg/Kg-dry	1	8/18/2012 4:12:00 PM		
ND	60.7		mg/Kg-dry	1	8/18/2012 4:12:00 PM		
95.3	50-150		%REC	1	8/18/2012 4:12:00 PM		
94.4	50-150		%REC	1	8/18/2012 4:12:00 PM		
			Batch	n ID: R	5419 Analyst: EM		
ND	6.05		mg/Kg-dry	1	8/21/2012 11:07:00 PM		
ND	6.05		mg/Kg-dry	1	8/21/2012 11:07:00 PM		
119	65-135		%REC	1	8/21/2012 11:07:00 PM		
111	65-135		%REC	1	8/21/2012 11:07:00 PM		
	Result Dx/Dx Ext. ND ND 95.3 94.4 ND ND 119 111	Result RL Dx/Dx Ext. ND 24.3 ND 24.3 ND 60.7 95.3 50-150 94.4 50-150 ND 6.05 ND 6.05 119 65-135 111 65-135	Result RL Qual Dx/Dx Ext.	Collection Matrix: Sc Result RL Qual Units Dx/Dx Ext. Batch ND 24.3 mg/Kg-dry ND 24.3 mg/Kg-dry ND 60.7 mg/Kg-dry 95.3 50-150 %REC 94.4 50-150 %REC ND 6.05 mg/Kg-dry ND 6.05 %REC ND 6.05 %REC ND 6.05 %REC ND 6.05 %REC ND	Collection Date: Matrix: Soil Result RL Qual Units DF Dx/Dx Ext. Batch ID: 29 ND 24.3 mg/Kg-dry 1 ND 24.3 mg/Kg-dry 1 ND 60.7 mg/Kg-dry 1 95.3 50-150 %REC 1 94.4 50-150 %REC 1 ND 6.05 mg/Kg-dry 1		

Qualifiers:

В

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



Work Order:	1208094									00.8	SUMMAI	RY REF	ORT
CLIENT:	PES Enviror	nmental, In	IC.										
Project:	Former Pace	e Kirkland							Diesel a	and Heavy (Oil by NW	PH-Dx/D)x Ext.
Sample ID: 12080	94-007BDUP	SampType	: DUP			Units: mg/Kg-	dry	Prep Dat	te: 8/17/20	12	RunNo: 539	91	
Client ID: GP-19	-1.5	Batch ID:	2990					Analysis Dat	e: 8/18/20	12	SeqNo: 105	5497	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	17.7						0	0	30	
Diesel Range Orga	nics (C12-C24)		20.5	17.7						17.83	13.7	30	
Heavy Oil			ND	44.4						0	0	30	
Surr: 2-Fluorobip	henyl		18.2		17.75		102	50	150		0		
Surr: o-Terpheny	N		17.7		17.75		99.9	50	150		0		
Sample ID: LCS-2	990	SampType	LCS			Units: mg/Kg		Prep Dat	e: 8/17/20)12	RunNo: 539	91	
Client ID: LCSS		Batch ID:	2990					Analysis Dat	e: 8/18/20	12	SeqNo: 105	500	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			537	20.0	500.0	0	107	65	135				
Surr: 2-Fluorobip	bhenyl		22.2		20.00		111	50	150				
Surr: o-Terpheny	A		22.1		20.00		110	50	150				
Sample ID: MB-29	90	SampType	MBLK			Units: mg/Kg		Prep Dat	e: 8/17/20	12	RunNo: 539	91	
Client ID: MBLK	S	Batch ID:	2990					Analysis Dat	e: 8/18/20	12	SeqNo: 105	5501	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	20.0									
Diesel Range Orga	nics (C12-C24)		ND	20.0									
Heavy Oil	. ,		ND	50.0									
Surr: 2-Fluorobip	henyl		20.3		20.00		101	50	150				
Surr: o-Terpheny	/I		19.9		20.00		99.4	50	150				

Qualifiers: B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

н

R

Blank D Dilution was required

- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Work Order: 1208094 QC SUMMARY REPORT CLIENT: PES Environmental, Inc. **Gasoline by NWTPH-Gx** Former Pace Kirkland **Project:** Sample ID: 1208094-002ADUP SampType: DUP Units: mg/Kg-dry Prep Date: 8/20/2012 RunNo: 5419 Client ID: GP-23-7.5 Batch ID: R5419 Analysis Date: 8/21/2012 SeqNo: 106131 Result SPK value SPK Ref Val LowLimit HighLimit RPD Ref Val %RPD RPDLimit Analyte RI %REC Qual Gasoline ND 5.82 0 0 30 Gasoline Range Organics C6-C12 ND 30 5.82 0 0 Surr: 1,2-Dichloroethane-d4 0.646 0.5822 135 111 65 0 Surr: Fluorobenzene 0.643 0.5822 110 65 135 0 Sample ID: LCS-R5419 Prep Date: 8/20/2012 RunNo: 5419 SampType: LCS Units: mg/Kg Client ID: LCSS Batch ID: R5419 Analysis Date: 8/21/2012 SeqNo: 106150 Analyte Result RI SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual 26.8 25.00 0 107 65 135 Gasoline 5.00 Surr: 1.2-Dichloroethane-d4 0.546 0.5000 109 65 135 Surr: Fluorobenzene 0.553 0.5000 111 65 135 Sample ID: MB-R5419 SampType: MBLK Prep Date: 8/20/2012 RunNo: 5419 Units: mg/Kg Client ID: MBLKS Batch ID: R5419 Analysis Date: 8/21/2012 SeqNo: 106151 Analyte Result RL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual Gasoline ND 5.00 Gasoline Range Organics C6-C12 ND 5.00 Surr: 1.2-Dichloroethane-d4 0.552 0.5000 110 65 135 0.5000 65 Surr Fluorobenzene 0 545 109 135

- Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits





Clier	t Name: PES	Work Order Number:	1208094				
Logg	ed by: Troy Zehr	Date Received:	8/15/2012	1:54:00 PM			
Cha	ain of Custody						
1	Were custodial seals present?	Yes	No 🗌	Not Required 🗸			
י. 2	Is Chain of Custody complete?	Yes 🗸	No 🗌	Not Present			
<u>ک</u> . ۲	How was the sample delivered?	Courier					
0.							
Log	<u>ı In</u>						
4.	Coolers are present?	Yes 🔽	No 🗌				
5.	Was an attempt made to cool the samples?	Yes 🗹	No 🗌				
			_	_			
6.	Were all coolers received at a temperature of $>0^{\circ}$ C to 10.0° C	Yes 🗹	No	NA 📖			
_							
7.	Sample(s) in proper container(s)?	Yes ⊻	No 🗔				
8.	Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗔				
9.	Are samples properly preserved?	Yes 🗹	No 🗌				
10.	Was preservative added to bottles?	Yes 🗀	No 💌	NA 📖			
11.	Is there headspace present in VOA vials?	Yes 🗌	No 🗌	NA 🗹			
12.	Did all sample containers arrive in good condition?(unbroken)	Yes ⊻	No 🗌				
13.	Does paperwork match bottle labels?	Yes 📖	NO 💌				
14	Are matrices correctly identified on Chain of Custody?	Yes 🗹	No 🗌				
15.	Is it clear what analyses were requested?	Yes 🔽	No 🗌				
16.	Were all holding times able to be met?	Yes 🔽	No 🗌				
Spe	ecial Handling (if applicable)						
17	Was client notified of all discrepancies with this order?	Yes 🗸	No 🗌				
17.							
	Person Notified: Leora Date	e:	8/16/2012				
	By Whom: Troy Zehr Via:	V eMail Pho	ne 🗌 Fax	In Person			
	Regarding: Regarding GP-12-24 (not on COC) and	GP-23-12.5					
	Client Instructions: GP-12-24 is on hold and GP-23-12.5 should be GP-19-12.5						

18. Additional remarks/Disrepancies

Item Information

Item #	Temp °C	Condition
Cooler 1	2.8	Good
Cooler 2	2.9	Good







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From:	Kelly Rankich
То:	Mike Ridgeway (mridgeway@fremontanalytical.com);
Subject: Date:	RE: Your new Fremont Analytical, Inc. report for WO# 1208094, Former Pace Kirkland. Friday, August 24, 2012 4:02:03 PM

Could you please run GP-19-1.5 for pesticides as well?

-----Original Message-----From: service@fremontanalytical.com [mailto:service@fremontanalytical.com] Sent: Thursday, August 23, 2012 2:26 PM To: Kelly Rankich Subject: Your new Fremont Analytical, Inc. report for WO# 1208094, Former Pace Kirkland.

A new report has been posted for PES Environmental, Inc., work order# 1208094, Former Pace Kirkland . Please find the report attached to this email.

You can also download the report at <u>http://Client.fremontanalytical.com/Flashpoint/</u> Secure/FileDownload.aspx?fid=14248.

This alert was sent according to your preferences. To update your settings, go to <u>http://</u> <u>Client.fremontanalytical.com/Flashpoint/Secure/EmailAlerts.aspx</u>

Thank You for using Fremont Analytical, Inc.

MEMORANDUM

TO:	Project File	DATE:	September 11, 2012
FROM:	Jerry Harris		
SUBJECT:	Laboratory Data Validation Review		
PROJECT:	Former Pace Facility Kirkland, WA		
PROJECT #:	1006.008.01.003		
TASK:	August 14-15, 2012 Soil Samples		
LAB:	Fremont Analytical Service Request No. 12	08094	

Soil sampling was conducted at the former Pace facility in Kirkland, Washington on August 14 and 15, 2012. Thirty-two (32) soil samples were collected from the site. In addition, two trip blanks were prepared and shipped with the samples.

Selected soil samples were analyzed for total petroleum hydrocarbons (TPH) as diesel (fuel oil), diesel-range organics (DRO), and heavy oil (HO) by the Northwest TPH Dx (NWTPH-Dx) method, TPH as gasoline by the NWTPH-Gx method, volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260 and organochlorine pesticides by USEPA Method 8081. The TPH-Dx analyses were performed in one analysis group (ID 2990); the TPH-Gx analyses were performed in one analysis group (IDs 5419); the VOC analyses were performed in one analysis group (ID 3013); and the pesticides analyses were performed in two analytical groups (IDs 3027 and 3104). Laboratory analytical services were provided by Fremont Analytical (FA) of Seattle, Washington. FA Project number: 1208094.

The quality assurance review of the groundwater samples data is summarized below.

DATA QUALIFICATIONS

Guidelines established by USEPA for review of analytical data were used to validate the data. The comments presented in this memorandum refer to the laboratory's performance in meeting the quality control criteria outlined in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999).

DATA VALIDATION

Completeness

All samples were collected and analyzed as requested.
Sample Collection and Preservation

The samples were collected in appropriately preserved containers supplied by the analytical laboratory. The laboratory reported that the samples were received in good condition. The laboratory received the samples in two coolers at temperatures of 2.8 and 2.9 degrees centigrade (°C). The cooler temperatures were within the USEPA recommended temperature range of $4^{\circ} \pm 2^{\circ}$ C. The samples in both coolers were appropriately preserved with ice and no shipping anomalies were identified by the laboratory. No data qualifications were warranted based upon the laboratory receipt temperatures.

Holding Times

NWTPH-Dx

The extractions and analyses for the NWTPH-Dx method were performed within the recommended 14 day holding time limit for soil samples.

NWTPH-Gx

The analyses for the NWTPH Gx method were performed within the recommended 14 day holding time limit for soil samples.

USEPA Method 8260

The analyses for VOCS were performed within the recommended 14 day holding time limit for soil samples. No data were qualified based upon holding times.

USEPA Method 8081

The extractions and analyses for pesticides method were performed within the recommended 14 day extraction and 40 day analysis holding time limit for soil samples.

Initial Calibration

Hard copies of the initial calibration verification (ICV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in initial calibration results associated with the project analyses if they occur. No discrepancies were reported; therefore no data qualifications were warranted.

Continuing Calibration

Hard copies of the continuing calibration verification (CCV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in continuing calibration results associated with the project analyses. No discrepancies were reported; therefore no data qualifications were warranted.

Method Blank Results

NWTPH-Dx

One method blank was analyzed with the single analysis group. This meets the required method blank frequency for the analytical method. The method blank results did not report any

compounds at concentrations at or above the Method Reporting Limits (MRLs). No data qualifications were warranted.

NWTPH-Gx

One method blank was analyzed with the single analysis group. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

USEPA Method 8260

One method blank was analyzed with the single analysis group. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

USEPA Method 8081

Two method blanks were analyzed; one with each of the two analysis groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

Trip Blank Results

Two trip blanks were prepared and shipped with the samples but was not analyzed. Trip blank analyses were no required for this sampling event.

Field Duplicate Analyses

No field duplicates were required or collected during this field event.

Laboratory Duplicate Analyses

NWTPH-Dx

The laboratory prepared one duplicate soil sample for analysis group 2990 from project sample GP-19-1.5. The primary and laboratory duplicate pair was analyzed by the NWTPH Dx method. The relative percent differences (RPD) for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

NWTPH-Gx

The laboratory prepared one duplicate soil samples for the single analysis group. For analysis group 5419, a duplicate was prepared from primary sample GP-23-7.5. The primary and laboratory duplicate pair was analyzed by the NWTPH Gx method. The RPD for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

USEPA Method 8260

The laboratory prepared a duplicate soil sample for batch 3013; the duplicate was prepared from project sample GP-23-7.5. The RPDs for all target analyte pairs in the primary and duplicate

sample were within the laboratory control criteria of 30 RPD. No data qualifications were warranted.

USEPA Method 8081

The laboratory prepared two duplicate soil samples; one for each analysis group. For batch 3027; the duplicate was prepared from project sample GP-19-9. For batch 3104; the duplicate was prepared from project sample GP-19-1.5. The RPDs for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data qualifications were warranted.

Surrogate Recoveries

NWTPH-Dx

The surrogate percent recovery (%R) results for all NWTPH Dx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 50 to 150%R.

NWTPH-Gx

The surrogate %R results for all NWTPH Gx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 65 to 135%. No data qualifications were warranted.

USEPA Method 8260

The surrogate %R results for all USEPA Method 8260 soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits. No data qualifications were warranted.

USEPA Method 8081

The surrogate %R results for all USEPA Method 8081 soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits. No data qualifications were warranted.

Laboratory Control Samples

NWTPH-Dx

One laboratory control sample (LCS) was prepared and analyzed with the single analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

NWTPH-Gx

One LCS was prepared and analyzed with the single analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

USEPA Method 8260

One LCS was prepared and analyzed with the single analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

06_DV_Fremont_1208094_Final_v2

USEPA Method 8081

Two LCSs were prepared and analyzed; one for each analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

Matrix Spike/Matrix Spike Duplicates

NWTPH-Dx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Dx method.

NWTPH-Gx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Gx method.

USEPA Method 8260

One soil MS was prepared and analyzed with the project samples for the single analytical batch. A sample duplicate was analyzed in lieu of an MSD for the samples. This is acceptable. The MS for analytical batch 3013 was prepared from project sample GP-23-16. The MS %Rs for all target analytes in analytical batch 3013 were within the laboratory control limits except for bromomethane. The %R for this compound was below the lower control limit, indicating a potential matrix-induced variability in sample results for this compound. This compound was not detected in any project samples and there were no other quality control issues associated with this compound in the remaining quality control data. Because the instrumentation was in control and bromomethane was not present in the samples, the addition of bromomethane to the sample and the subsequent MS exceedance is not considered sufficient cause to warrant qualification of the data. No data in analytical group 3013 were qualified.

USEPA Method 8081

Two soil MSs were prepared and analyzed with the project samples; one for each of the analytical batches. Sample duplicates were analyzed in lieu of MSDs for the samples. This is acceptable. The MS for analytical batch 3027 was prepared from project sample GP-19-9. The MS %Rs for all target analytes in analytical batch 3027 were within the laboratory control limits. No data in analytical group 3027 were qualified. The MS for analytical batch 3104 was prepared from project sample GP-19-1.5. For analytical batch 3104, the MS %Rs for all target analytes were within the laboratory control limits. No data in analytical group 3104 were qualified. No other qualifications were warranted.

Other Quality Control Issues

The laboratory reported two discrepancies between samples bottles received and information on the chain of custody (COC). The laboratory contacted the PES project manager to request clarification. One set of sample bottles labeled GP-12-24 was not listed on the COC. PES confirmed that this sample was on hold. Another sample bottle set (GP-23-12.5) was not on the COC. PES informed the laboratory that the sample bottles were mislabeled and that the correct bottle identification was GP-19-12.5). Because these two labeling/COC issued were resolved successfully, no qualifications of the data were warranted. No other laboratory quality control issues were identified in the laboratory report.

Quantitation Limits

The MRLs were acceptable for the project; therefore, no data qualifiers were assigned.

Data Assessment

No data were qualified. All data are judged to be acceptable for their intended use.



1311 N. 35th St. Seattle, WA 98103 T: (206) 352-3790 F: (206) 352-7178 info@fremontanalytical.com

PES Environmental, Inc. Kelly Rankich 1215 Fourth Avenue, Suite 1350 Seattle, Washington 98161

RE: Former Pace Kirkland Lab ID: 1208101

September 11, 2012

Attention Kelly Rankich:

Fremont Analytical, Inc. received 5 sample(s) on 8/16/2012 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Gasoline by NWTPH-Gx Sample Moisture (Percent Moisture) Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

MGR

Michael Dee Sr. Chemist / Principal



CLIENT: Project: Lab Order:	PES Environmental, Inc. Former Pace Kirkland 1208101	Work Order Sample Summa							
Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received						
1208101-001	GP-9-4.5	08/15/2012 4:15 PM	08/16/2012 2:22 PM						
1208101-002	GP-9-9	08/15/2012 4:20 PM	08/16/2012 2:22 PM						
1208101-003	GP-9-13	08/15/2012 4:25 PM	08/16/2012 2:22 PM						
1208101-004	GP-9-17	08/15/2012 4:30 PM	08/16/2012 2:22 PM						
1208101-005	GP-9-24	08/15/2012 4:45 PM	08/16/2012 2:22 PM						



Case Narrative

WO#: **1208101** Date: **9/11/2012**

CLIENT:PES Environmental, Inc.Project:Former Pace Kirkland

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208101-005B) required Silica Gel Cleanup Procedure.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208101-003B) required Silica Gel Cleanup Procedure.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208101-001B) required Silica Gel Cleanup Procedure.

DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (C12-C24).

GRO - Indicates the presence of unresolved compounds eluting from toluene to dodecane (~C7->C12).



WO#: **1208101** Date Reported: **9/11/2012**

	Collection Date: 8/15/2012 4:15:00 PM										
Project: Former Pace Kirkland											
Lab ID: 1208101-001				Matrix: So	oil						
Client Sample ID: GP-9-4.5											
Analyses	Result	RL	Qual	Units	DF	Date Analvzed					
						···· · · ·					
Diesel and Heavy Oil by NWTPH-Dx	/Dx Ext.			Batch	n ID: 2998	Analyst: SG					
Diesel (Fuel Oil)	ND	21.2		mg/Kg-dry	1	8/20/2012 4:21:00 PM					
Diesel Range Organics (C12-C24)	ND	21.2		mg/Kg-dry	1	8/20/2012 4:21:00 PM					
Heavy Oil	ND	52.9		mg/Kg-dry	1	8/20/2012 4:21:00 PM					
Surr: 2-Fluorobiphenyl	101	50-150		%REC	1	8/20/2012 4:21:00 PM					
Surr: o-Terphenyl	96.5	50-150		%REC	1	8/20/2012 4:21:00 PM					
Gasoline by NWTPH-Gx				Batch	n ID: R541	9 Analyst: EM					
Gasoline	ND	6 29		ma/Ka-drv	1	8/21/2012 11·40·00 PM					
Gasoline Range Organics C6-C12	ND	6.29		ma/Ka-drv	1	8/21/2012 11:40:00 PM					
Surr: 1.2-Dichloroethane-d4	118	65-135		%REC	1	8/21/2012 11:40:00 PM					
Surr: Fluorobenzene	110	65-135		%REC	1	8/21/2012 11:40:00 PM					
Volatile Organic Compounds by EP	A Method	<u>8260</u>		Batch	n ID: 3013	Analyst: EM					
Dichlorodifluoromethane (CFC-12)	ND	0.0755		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Chloromethane	ND	0.0755		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Vinyl chloride	ND	0.00252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Bromomethane	ND	0.113		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Trichlorofluoromethane (CFC-11)	ND	0.0629		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Chloroethane	ND	0.0755		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
1,1-Dichloroethene	ND	0.0629		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Methylene chloride	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
trans-1,2-Dichloroethene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Methyl tert-butyl ether (MTBE)	ND	0.0629		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
1,1-Dichloroethane	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
2,2-Dichloropropane	ND	0.0629		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
cis-1,2-Dichloroethene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Chloroform	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
1,1,1-Trichloroethane (TCA)	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
1,1-Dichloropropene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM					
Carbon tetrachloride	ND	0.0252		mg/Kq-drv	1	8/21/2012 11:40:00 PM					
1,2-Dichloroethane (EDC)	ND	0.0378		mg/Ka-drv	1	8/21/2012 11:40:00 PM					
Benzene	ND	0.0252		mg/Ka-drv	1	8/21/2012 11:40:00 PM					
Trichloroethene (TCE)	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM					

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	5/2012 4:15:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208101-001				Matrix: So	bil	
Client Sample ID: GP-9-4.5					211	
	.		•			
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3013	Analyst: EM
1,2-Dichloropropane	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Bromodichloromethane	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Dibromomethane	ND	0.0503		mg/Kg-dry	1	8/21/2012 11:40:00 PM
cis-1,3-Dichloropropene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Toluene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
trans-1,3-Dichloropropylene	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,1,2-Trichloroethane	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,3-Dichloropropane	ND	0.0629		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Tetrachloroethene (PCE)	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Dibromochloromethane	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,2-Dibromoethane (EDB)	ND	0.00629		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Chlorobenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Ethylbenzene	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM
m,p-Xylene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
o-Xylene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Styrene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Isopropylbenzene	ND	0.101		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Bromoform	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
n-Propylbenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Bromobenzene	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,3,5-Trimethylbenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
2-Chlorotoluene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
4-Chlorotoluene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
tert-Butylbenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,2,3-Trichloropropane	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,2,4-Trichlorobenzene	ND	0.0629		mg/Kg-dry	1	8/21/2012 11:40:00 PM
sec-Butylbenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
4-Isopropyltoluene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,3-Dichlorobenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,4-Dichlorobenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
n-Butylbenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,2-Dichlorobenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8	8/15/2012 4:15:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208101-001				Matrix: Sc	bil	
Client Sample ID: GP-9-4.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 301	I3 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Hexachlorobutadiene	ND	0.126		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Naphthalene	ND	0.0378		mg/Kg-dry	1	8/21/2012 11:40:00 PM
1,2,3-Trichlorobenzene	ND	0.0252		mg/Kg-dry	1	8/21/2012 11:40:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	8/21/2012 11:40:00 PM
Surr: Dibromofluoromethane	91.0	67.6-119		%REC	1	8/21/2012 11:40:00 PM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/21/2012 11:40:00 PM
Sample Moisture (Percent Moist	ure)			Batch	n ID: R53	371 Analyst: SC
Percent Moisture	17.4			wt%	1	8/17/2012 1:20:00 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	5/2012 4:25:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208101-003				Matrix: So	hil	
Client Sample ID: GP 9 13					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	.		• •			
Analyses	Result	RL	Quai	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-D	x/Dx Ext.			Batch	ו ID: 2998	Analyst: SG
		40.0			4	
Diesel (Fuel OII)	ND	19.6		mg/Kg-dry	1	8/20/2012 5:17:00 PM
Diesei Range Organics (CT2-C24)	ND	19.6		mg/Kg-ary	1	8/20/2012 5:17:00 PM
Heavy OII	ND 102	49.0			1	8/20/2012 5:17:00 PM
	103	50-150		%REC	1	8/20/2012 5:17:00 PM
Surr: o-I erphenyl	98.4	50-150		%REC	1	8/20/2012 5:17:00 PM
Gasoline by NWTPH-Gx				Batch	n ID: R541	9 Analyst: EM
Gasoline	ND	5.30		mg/Kg-dry	1	8/22/2012 12:45:00 AM
Gasoline Range Organics C6-C12	ND	5.30		mg/Kg-dry	1	8/22/2012 12:45:00 AM
Surr: 1,2-Dichloroethane-d4	122	65-135		%REC	1	8/22/2012 12:45:00 AM
Surr: Fluorobenzene	110	65-135		%REC	1	8/22/2012 12:45:00 AM
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3013	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0636		ma/Ka-drv	1	8/22/2012 12:45:00 AM
Chloromethane	ND	0.0636		ma/Ka-drv	1	8/22/2012 12:45:00 AM
Vinvl chloride	ND	0.00212		ma/Ka-drv	1	8/22/2012 12:45:00 AM
Bromomethane	ND	0.0954		ma/Ka-drv	1	8/22/2012 12:45:00 AM
Trichlorofluoromethane (CEC-11)	ND	0.0530		ma/Ka-dry	1	8/22/2012 12:45:00 AM
Chloroethane	ND	0.0636		ma/Ka-dry	1	8/22/2012 12:45:00 AM
1 1-Dichloroethene	ND	0.0530		ma/Ka-dry	1	8/22/2012 12:45:00 AM
Methylene chloride	ND	0.0212		ma/Ka-dry	1	8/22/2012 12:45:00 AM
trans-1 2-Dichloroethene	ND	0.0212		ma/Ka-dry	1	8/22/2012 12:45:00 AM
Methyl tert-butyl ether (MTBF)	ND	0.0530		ma/Ka-dry	1	8/22/2012 12:45:00 AM
1 1-Dichloroethane	ND	0.0212		ma/Ka-dry	1	8/22/2012 12:45:00 AM
2 2-Dichloropropane	ND	0.0530		ma/Ka-dry	1	8/22/2012 12:45:00 AM
cis-1 2-Dichloroethene	ND	0.0212		ma/Ka-dry	1	8/22/2012 12:45:00 AM
Chloroform		0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM
1 1 1-Trichloroethane (TCA)		0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM
1 1-Dichloropropene		0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM
Carbon totrachlorido		0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM
1 2 Dioblaraothana (EDC)		0.0212		mg/Kg-dfy	1	0/22/2012 12.40.00 AM
		0.0318		mg/kg-ary	1	0/22/2012 12:45:00 AN
Denzene		0.0212		mg/kg-ary	1	0/22/2012 12:45:00 AN
inchloroethene (ICE)	ND	0.0318		mg/Kg-ary	1	0/22/2012 12:45:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

Н

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	5/2012 4:25:00 PM			
Project: Former Pace Kirkland									
Lab ID: 1208101-003				Matrix: Soil					
Client Sample ID: CP-9-13									
	Desult		0	11	DE	Data Analyzad			
Analyses	Result	RL	Quai	Units	DF	Date Analyzed			
				5.4	15 0010				
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3013	Analyst: EM			
1.2-Dichloropropane	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Bromodichloromethane	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Dibromomethane	ND	0.0424		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
cis-1,3-Dichloropropene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Toluene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
trans-1,3-Dichloropropylene	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,1,2-Trichloroethane	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,3-Dichloropropane	ND	0.0530		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Tetrachloroethene (PCE)	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Dibromochloromethane	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,2-Dibromoethane (EDB)	ND	0.00530		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Chlorobenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,1,1,2-Tetrachloroethane	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Ethylbenzene	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
m,p-Xylene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
o-Xylene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Styrene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Isopropylbenzene	ND	0.0848		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Bromoform	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,1,2,2-Tetrachloroethane	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
n-Propylbenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
Bromobenzene	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,3,5-Trimethylbenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
2-Chlorotoluene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
4-Chlorotoluene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
tert-Butylbenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,2,3-Trichloropropane	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,2,4-Trichlorobenzene	ND	0.0530		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
sec-Butylbenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
4-Isopropyltoluene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,3-Dichlorobenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,4-Dichlorobenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
n-Butylbenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,2-Dichlorobenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM			
1,2-Dibromo-3-chloropropane	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/	15/2012 4:25:00 PM					
Project: Former Pace Kirkland											
Lab ID: 1208101-003	Matrix: Soil										
Client Sample ID: GP-9-13											
Analyses	Result	RL	Qual	Units	DF	Date Analyzed					
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3013	3 Analyst: EM					
1,2,4-Trimethylbenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM					
Hexachlorobutadiene	ND	0.106		mg/Kg-dry	1	8/22/2012 12:45:00 AM					
Naphthalene	ND	0.0318		mg/Kg-dry	1	8/22/2012 12:45:00 AM					
1,2,3-Trichlorobenzene	ND	0.0212		mg/Kg-dry	1	8/22/2012 12:45:00 AM					
Surr: 1-Bromo-4-fluorobenzene	103	63.1-141		%REC	1	8/22/2012 12:45:00 AM					
Surr: Dibromofluoromethane	89.7	67.6-119		%REC	1	8/22/2012 12:45:00 AM					
Surr: Toluene-d8	104	78.5-126		%REC	1	8/22/2012 12:45:00 AM					
Sample Moisture (Percent Moist	ure)			Batch	n ID: R53	71 Analyst: SC					
Percent Moisture	9.83			wt%	1	8/17/2012 1:20:00 PM					

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/	15/2012 4:45:00 PM	
Project: Former Pace Kirkland							
Lab ID: 1208101-005				Matrix: Soil			
Client Sample ID: GP-9-24							
	Decult	ы	0	l lucito	DE	Data Analyzad	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 2998	8 Analyst: SG	
Diesel (Fuel Oil)	ND	24 4		ma/Ka-drv	1	8/20/2012 5·46·00 PM	
Diesel Range Organics (C12-C24)	ND	24.4		mg/Kg-dry	1	8/20/2012 5:46:00 PM	
Heavy Oil	ND	60.9		ma/Ka-drv	1	8/20/2012 5:46:00 PM	
Surr: 2-Fluorobiphenyl	100	50-150		%REC	1	8/20/2012 5:46:00 PM	
Surr: o-Terphenyl	95.8	50-150		%REC	1	8/20/2012 5:46:00 PM	
Gasoline by NWTPH-Gx				Batch	n ID: R54	19 Analyst: EM	
Gasoline	ND	5 65		ma/Ka-drv	1	8/22/2012 1·18·00 AM	
Gasoline Range Organics C6-C12	ND	5 65		ma/Ka-dry	1	8/22/2012 1:18:00 AM	
Surr: 1 2-Dichloroethane-d4	117	65-135		%RFC	1	8/22/2012 1:18:00 AM	
Surr: Fluorobenzene	110	65-135		%REC	1	8/22/2012 1:18:00 AM	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 301	3 Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0678		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Chloromethane	ND	0.0678		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Vinyl chloride	ND	0.00226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Bromomethane	ND	0.102		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0565		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Chloroethane	ND	0.0678		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
1,1-Dichloroethene	ND	0.0565		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Methylene chloride	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0565		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
1,1-Dichloroethane	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
2,2-Dichloropropane	ND	0.0565		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
cis-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Chloroform	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
1,1,1-Trichloroethane (TCA)	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
1,1-Dichloropropene	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Carbon tetrachloride	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
1,2-Dichloroethane (EDC)	ND	0.0339		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Benzene	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM	
Trichloroethene (TCE)	ND	0.0339		mg/Kg-dry	1	8/22/2012 1:18:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	5/2012 4:45:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208101-005				Matrix: So	oil	
Client Sample ID: GP-9-24						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
-						
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batcl	n ID: 3013	Analyst: EM
1.2 Dichloropropago		0 0226		ma/Ka day	1	8/22/2012 1·18·00 AM
Bromodichloromethane		0.0220		mg/Kg-dry	1	8/22/2012 1:18:00 AM
Dibromomothano		0.0220		mg/Kg-dry	1	8/22/2012 1:10:00 AM
cis-1 3-Dichloropropene		0.0432		mg/Kg-dry	1	8/22/2012 1:18:00 AM
		0.0220		mg/Kg-dry	1	8/22/2012 1:18:00 AM
trans-1 3-Dichloropropylene		0.0220		mg/Kg-dry	1	8/22/2012 1:18:00 AM
1 1 2 Trichloroothano		0.0330		mg/Kg-dry	1	8/22/2012 1:10:00 AM
1,1,2-Thendoenane		0.0565		mg/Kg-dry	1	8/22/2012 1:18:00 AM
Tetrachloroethene (PCE)		0.0303		mg/Kg-dry	1	8/22/2012 1:18:00 AM
		0.0220		mg/Kg-dry	1	8/22/2012 1:18:00 AM
1.2 Dibromoothana (EDR)		0.0555		mg/Kg-dry	1	8/22/2012 1:10:00 AM
		0.00303		mg/Kg-dry	1	8/22/2012 1:10:00 AM
		0.0220		mg/Kg-dry	1	8/22/2012 1:10:00 AM
Ethylopzopo		0.0330		mg/Kg-dry	1	8/22/2012 1:10:00 AM
		0.0339		mg/Kg-dry	1	8/22/2012 1:10:00 AM
		0.0220		mg/Kg-dry	1	8/22/2012 1:10:00 AM
Stropo		0.0220		mg/Kg-dry	1	8/22/2012 1:10:00 AM
		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
Bromoform		0.0904		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
n Bropythonzono		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
Dremehanzene		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0339		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
4-Chiolololuene		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
1,2,4 Trichlorobonzono		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0505		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
4-isopiopyiloidene		0.0220		mg/Kg-dry	1	0/22/2012 1.10.00 AW
		0.0226		mg/Kg-dry	1	0/22/2012 1.10.00 AM
n,4-Dichloropenzene		0.0220		mg/Kg-ury	1	0/22/2012 1.10.00 AN
1 2 Diablarabanzana		0.0220		mg/Kg-dry	1	012212012 1.10.00 AM
		0.0220		mg/Kg-ary	1	0/22/2012 1.10:00 AM
ו,∠-ג,וסרסווט-3-chioropropane	ND	0.0339		mg/kg-ary	.1	0/22/2012 1:18:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208101** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/15/2012 4:45:00 PM								
Project: Former Pace Kirkland									
Lab ID: 1208101-005				Matrix: Sc	oil				
Client Sample ID: GP-9-24									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	13 Analyst: EM			
1,2,4-Trimethylbenzene	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM			
Hexachlorobutadiene	ND	0.113		mg/Kg-dry	1	8/22/2012 1:18:00 AM			
Naphthalene	ND	0.0339		mg/Kg-dry	1	8/22/2012 1:18:00 AM			
1,2,3-Trichlorobenzene	ND	0.0226		mg/Kg-dry	1	8/22/2012 1:18:00 AM			
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	8/22/2012 1:18:00 AM			
Surr: Dibromofluoromethane	90.0	67.6-119		%REC	1	8/22/2012 1:18:00 AM			
Surr: Toluene-d8	99.6	78.5-126		%REC	1	8/22/2012 1:18:00 AM			
Sample Moisture (Percent Moist	<u>ure)</u>			Batch	ID: R5	371 Analyst: SC			
Percent Moisture	23.0			wt%	1	8/17/2012 1:20:00 PM			

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



Work Order:	1208101									00.9			ORT
CLIENT:	PES Enviror	nmental, In	IC.										
Project:	Former Pace	e Kirkland							Diesel a	and Heavy (Dil by NW	[PH-Dx/D	x Ext.
Sample ID: LCS-2	998	SampType	E LCS			Units: mg/Kg		Prep Date	e: 8/20/20	12	RunNo: 539	95	
Client ID: LCSS		Batch ID:	2998					Analysis Date	e: 8/20/20	12	SeqNo: 10	5553	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			437	20.0	500.0	0	87.3	65	135				
Surr: 2-Fluorobip	bhenyl		21.9		20.00		109	50	150				
Surr: o-Terpheny	/I		20.6		20.00		103	50	150				
Sample ID: MB-29	98	SampType	: MBLK			Units: mg/Kg		Prep Date	e: 8/20/20	12	RunNo: 539	95	
Client ID: MBLK	S	Batch ID:	2998					Analysis Date	e: 8/20/20	12	SeqNo: 10	5554	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	20.0									
Diesel Range Orga	nics (C12-C24)		ND	20.0									
Heavy Oil			ND	50.0									
Surr: 2-Fluorobip	bhenyl		18.3		20.00		91.5	50	150				
Surr: o-Terpheny	/I		17.5		20.00		87.3	50	150				
Sample ID: 12081	01-001BDUP	SampType	: DUP			Units: mg/Kg-	dry	Prep Date	e: 8/20/20	12	RunNo: 539	95	
Client ID: GP-9-4	4.5	Batch ID:	2998					Analysis Date	e: 8/20/20	12	SeqNo: 10	5702	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	21.6						0	0	30	
Diesel Range Orga	nics (C12-C24)		ND	21.6						0	0	30	
Heavy Oil			ND	53.9						0	0	30	
Surr: 2-Fluorobip	ohenyl		20.7		21.57		96.1	50	150		0		
Surr: o-Terpheny	/l		20.1		21.57		93.2	50	150		0		

В Qualifiers:

н

R

- Analyte detected in the associated Method Blank
- Dilution was required D
- Holding times for preparation or analysis exceeded J
- RPD outside accepted recovery limits
- Analyte detected below quantitation limits
- Reporting Limit RL

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- s Spike recovery outside accepted recovery limits

Work Order: 1208101 QC SUMMARY REPORT CLIENT: PES Environmental, Inc. **Gasoline by NWTPH-Gx** Former Pace Kirkland **Project:** Sample ID: 1208101-001ADUP SampType: DUP Units: mg/Kg-dry Prep Date: 8/20/2012 RunNo: 5419 Client ID: GP-9-4.5 Batch ID: R5419 Analysis Date: 8/22/2012 SeqNo: 106144 Result SPK value SPK Ref Val LowLimit HighLimit RPD Ref Val %RPD RPDLimit Analyte RI %REC Qual Gasoline ND 6.29 0 0 30 Gasoline Range Organics C6-C12 ND 30 6.29 0 0 Surr: 1,2-Dichloroethane-d4 0.745 0.6292 65 135 118 0 Surr: Fluorobenzene 0.690 0.6292 110 65 135 0 Sample ID: LCS-R5419 Prep Date: 8/20/2012 RunNo: 5419 SampType: LCS Units: mg/Kg Client ID: LCSS Batch ID: R5419 Analysis Date: 8/21/2012 SeqNo: 106150 Analyte Result RI SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual 26.8 25.00 0 107 65 135 Gasoline 5.00 Surr: 1.2-Dichloroethane-d4 0.546 0.5000 109 65 135 Surr: Fluorobenzene 0.553 0.5000 111 65 135 Sample ID: MB-R5419 SampType: MBLK Prep Date: 8/20/2012 RunNo: 5419 Units: mg/Kg Client ID: MBLKS Batch ID: R5419 Analysis Date: 8/21/2012 SeqNo: 106151 Analyte Result RL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual Gasoline ND 5.00 Gasoline Range Organics C6-C12 ND 5.00 Surr: 1.2-Dichloroethane-d4 0.552 0.5000 110 65 135 0.5000 65 Surr Fluorobenzene 0 545 109 135

- Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208094-004AMS	SampType: MS			Units: mg/K	g-dry	Prep Dat	te: 8/20/20	12	RunNo: 540	14	
Client ID: BATCH	Batch ID: 3013					Analysis Dat	te: 8/21/20 [,]	12	SeqNo: 108	5834	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.06	0.0646	1.076	0	98.8	43.5	121				
Chloromethane	0.996	0.0646	1.076	0	92.5	45	130				
Vinyl chloride	0.570	0.00215	1.076	0	52.9	51.2	146				
Bromomethane	0.432	0.0968	1.076	0	40.1	70	130				S
Trichlorofluoromethane (CFC-11)	1.02	0.0538	1.076	0	94.8	52.2	132				
Chloroethane	0.534	0.0646	1.076	0	49.6	43.8	117				
1,1-Dichloroethene	0.927	0.0538	1.076	0	86.2	61.9	141				
Methylene chloride	0.870	0.0215	1.076	0	80.8	54.7	142				
trans-1,2-Dichloroethene	1.10	0.0215	1.076	0	102	52	136				
Methyl tert-butyl ether (MTBE)	1.05	0.0538	1.076	0	97.9	54.4	132				
1,1-Dichloroethane	0.941	0.0215	1.076	0	87.5	51.8	141				
2,2-Dichloropropane	0.955	0.0538	1.076	0	88.7	36	123				
cis-1,2-Dichloroethene	1.04	0.0215	1.076	0	96.5	58.6	136				
Chloroform	1.01	0.0215	1.076	0	94.0	53.2	129				
1,1,1-Trichloroethane (TCA)	1.11	0.0215	1.076	0	103	58.3	145				
1,1-Dichloropropene	1.10	0.0215	1.076	0	102	55.1	138				
Carbon tetrachloride	1.13	0.0215	1.076	0	105	53.3	144				
1,2-Dichloroethane (EDC)	1.10	0.0323	1.076	0	102	51.3	139				
Benzene	1.09	0.0215	1.076	0	101	63.5	133				
Trichloroethene (TCE)	1.10	0.0323	1.076	0	103	68.6	132				
1,2-Dichloropropane	1.10	0.0215	1.076	0	102	59	136				
Bromodichloromethane	1.05	0.0215	1.076	0	97.3	50.7	141				
Dibromomethane	1.08	0.0430	1.076	0	101	50.6	137				
cis-1,3-Dichloropropene	1.03	0.0215	1.076	0	95.7	52.3	129				
Toluene	1.12	0.0215	1.076	0	104	67.8	129				
trans-1,3-Dichloropropylene	1.03	0.0323	1.076	0	95.4	52.2	138				
1,1,2-Trichloroethane	1.04	0.0323	1.076	0	97.0	51.6	137				
1,3-Dichloropropane	1.09	0.0538	1.076	0	101	53.1	134				
Tetrachloroethene (PCE)	1.13	0.0215	1.076	0	105	44.1	141				
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nge		

Н Holding times for preparation or analysis exceeded

RL Reporting Limit

J

Analyte detected below quantitation limits

s

ND Not detected at the Reporting Limit

Spike recovery outside accepted recovery limits

RPD outside accepted recovery limits

R



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208094-004AMS	SampType: MS			Units: mg/k	(g-dry	Prep Da	te: 8/20/20	12	RunNo: 540)4	
Client ID: BATCH	Batch ID: 3013					Analysis Da	te: 8/21/20	12	SeqNo: 105	5834	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.08	0.0323	1.076	0	100	55.3	140				
1,2-Dibromoethane (EDB)	1.06	0.00538	1.076	0	98.5	50.4	136				
Chlorobenzene	1.08	0.0215	1.076	0	100	60	133				
1,1,1,2-Tetrachloroethane	1.06	0.0323	1.076	0	98.9	53.1	142				
Ethylbenzene	1.11	0.0323	1.076	0	103	54.5	134				
m,p-Xylene	2.23	0.0215	2.152	0	104	53.1	132				
o-Xylene	1.10	0.0215	1.076	0	103	53.3	139				
Styrene	1.11	0.0215	1.076	0	103	51.1	132				
Isopropylbenzene	1.15	0.0861	1.076	0	107	58.9	138				
Bromoform	1.04	0.0215	1.076	0	96.2	57.9	130				
1,1,2,2-Tetrachloroethane	1.00	0.0215	1.076	0	93.0	51.9	131				
n-Propylbenzene	1.13	0.0215	1.076	0	105	53.6	140				
Bromobenzene	1.07	0.0323	1.076	0	99.4	54.2	140				
1,3,5-Trimethylbenzene	1.14	0.0215	1.076	0	106	51.8	136				
2-Chlorotoluene	1.17	0.0215	1.076	0	109	51.6	136				
4-Chlorotoluene	1.11	0.0215	1.076	0	103	50.1	139				
tert-Butylbenzene	1.14	0.0215	1.076	0	106	50.5	135				
1,2,3-Trichloropropane	0.897	0.0215	1.076	0	83.3	50.5	131				
1,2,4-Trichlorobenzene	1.10	0.0538	1.076	0	102	50.8	130				
sec-Butylbenzene	1.12	0.0215	1.076	0	104	52.6	141				
4-Isopropyltoluene	1.15	0.0215	1.076	0	107	52.9	134				
1,3-Dichlorobenzene	1.14	0.0215	1.076	0	106	52.6	131				
1,4-Dichlorobenzene	1.11	0.0215	1.076	0	103	52.9	129				
n-Butylbenzene	1.17	0.0215	1.076	0	109	52.6	130				
1,2-Dichlorobenzene	1.11	0.0215	1.076	0	103	55.8	129				
1,2-Dibromo-3-chloropropane	0.939	0.0323	1.076	0	87.2	53	129				
1,2,4-Trimethylbenzene	1.13	0.0215	1.076	0	105	50.6	137				
Hexachlorobutadiene	1.13	0.108	1.076	0	105	51.5	130				
Naphthalene	1.02	0.0323	1.076	0	94.8	52.3	124				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required			E Value	above quantitation ra	nge		

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

Reporting Limit

RL

ND Not detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

RPD outside accepted recovery limits

R



1208101 Work Order: **QC SUMMARY REPORT** CLIENT: PES Environmental. Inc. Volatile Organic Compounds by EPA Method 8260 Former Pace Kirkland **Project:** Sample ID: 1208094-004AMS SampType: MS Units: mg/Kg-dry Prep Date: 8/20/2012 RunNo: 5404 Client ID. BATCH Batch ID. 3013 Analysis Date: 8/21/2012 SeqNo: 105834 SPK value SPK Ref Val LowLimit HighLimit RPD Ref Val RPDLimit Result RL %REC %RPD Qual Analyte 1.2.3-Trichlorobenzene 1.10 0.0215 1.076 0 102 54.4 124 0.522 0.5380 Surr: 1-Bromo-4-fluorobenzene 97.0 63.1 141 Surr: Dibromofluoromethane 0.484 0.5380 89.9 67.6 119 Surr: Toluene-d8 0.538 0.5380 100 78.5 126 NOTES: S - Outlying spike recovery observed for Bromomethane. The method is in control as indicated by the LCS. Sample ID: LCS-3013 SampType: LCS Units: mg/Kg Prep Date: 8/20/2012 RunNo: 5404 Client ID: LCSS Batch ID: 3013 Analysis Date: 8/21/2012 SeqNo: 105836 RL SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD Result SPK value RPDLimit Qual Analyte Dichlorodifluoromethane (CFC-12) 1.00 0.0600 0 100 41.5 132 1.000 0.0600 0 52.3 129 Chloromethane 0.932 1.000 93.2 Vinyl chloride 0.934 0.00200 1.000 0 93.4 51.1 134 0.0900 Bromomethane 1.01 1.000 0 101 54.6 148 Trichlorofluoromethane (CFC-11) 0.880 0 0 5 0 0 1 000 0 88.0 597 131 Chloroethane 0 814 0 0600 1 000 0 814 53.9 135 1.1-Dichloroethene 0.980 0 0 5 0 0 1 000 0 98.0 58 139 0 Methylene chloride 1.04 0.0200 1.000 104 58.7 141 trans-1.2-Dichloroethene 0.971 0.0200 1.000 0 97 1 70 130 1.04 0.0500 1.000 0 104 70 130 Methyl tert-butyl ether (MTBE) 1,1-Dichloroethane 0.991 0.0200 1.000 0 99.0 67.6 127 0.0500 2.2-Dichloropropane 0.844 1.000 0 84.4 40.1 133 cis-1.2-Dichloroethene 0.959 0.0200 1.000 0 95.9 70 130 Chloroform 1.01 0.0200 1.000 0 101 64 127 1,1,1-Trichloroethane (TCA) 0 987 0 0200 1 000 0 98 7 68.9 132 0.0200 0 99.5 70 1.1-Dichloropropene 0.995 1.000 130 0.0200 56.3 Carbon tetrachloride 1.00 1.000 0 100 141 0 1,2-Dichloroethane (EDC) 1.01 0.0300 1.000 101 69.4 131

В Qualifiers:

R

- Analyte detected in the associated Method Blank D
- Dilution was required
- Analyte detected below quantitation limits .1

Value above quantitation range Е

ND

- н Holding times for preparation or analysis exceeded
 - RPD outside accepted recovery limits

RL Reporting Limit

Not detected at the Reporting Limit S Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3013	SampType: LCS			Units: mg/Kg		Prep Dat	te: 8/20/201	12	RunNo: 540)4	
Client ID: LCSS	Batch ID: 3013					Analysis Dat	te: 8/21/20 1	12	SeqNo: 105	836	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.990	0.0200	1.000	0	99.0	72.3	125				
Trichloroethene (TCE)	1.02	0.0300	1.000	0	102	73.5	130				
1,2-Dichloropropane	1.03	0.0200	1.000	0	103	70	130				
Bromodichloromethane	0.976	0.0200	1.000	0	97.6	70	130				
Dibromomethane	1.03	0.0400	1.000	0	103	70	130				
cis-1,3-Dichloropropene	1.00	0.0200	1.000	0	100	58.7	141				
Toluene	1.00	0.0200	1.000	0	100	73.6	126				
trans-1,3-Dichloropropylene	0.984	0.0300	1.000	0	98.4	55.3	142				
1,1,2-Trichloroethane	0.978	0.0300	1.000	0	97.8	70	130				
1,3-Dichloropropane	1.02	0.0500	1.000	0	102	70	130				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	55.2	151				
Dibromochloromethane	1.00	0.0300	1.000	0	100	71.5	142				
1,2-Dibromoethane (EDB)	1.01	0.00500	1.000	0	101	70	130				
Chlorobenzene	0.978	0.0200	1.000	0	97.8	74.2	122				
1,1,1,2-Tetrachloroethane	0.994	0.0300	1.000	0	99.4	70	130				
Ethylbenzene	1.01	0.0300	1.000	0	101	70	130				
m,p-Xylene	2.05	0.0200	2.000	0	103	70	130				
o-Xylene	1.01	0.0200	1.000	0	101	70	130				
Styrene	1.02	0.0200	1.000	0	102	70	130				
Isopropylbenzene	1.04	0.0800	1.000	0	104	70	130				
Bromoform	1.05	0.0200	1.000	0	105	70.9	147				
1,1,2,2-Tetrachloroethane	0.978	0.0200	1.000	0	97.9	61.9	136				
n-Propylbenzene	1.01	0.0200	1.000	0	101	70	130				
Bromobenzene	1.02	0.0300	1.000	0	102	52.7	146				
1,3,5-Trimethylbenzene	1.02	0.0200	1.000	0	102	70	130				
2-Chlorotoluene	1.04	0.0200	1.000	0	104	70	130				
4-Chlorotoluene	1.01	0.0200	1.000	0	101	70	130				
tert-Butylbenzene	1.02	0.0200	1.000	0	102	70	130				
1,2,3-Trichloropropane	0.878	0.0200	1.000	0	87.8	61.7	138				
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nge		

Qualifiers: В Analyte detected in the associated Method Blank

н

R

Dilution was required

Reporting Limit

J

Analyte detected below quantitation limits

Value above quantitation range E

Not detected at the Reporting Limit

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

RL

S Spike recovery outside accepted recovery limits

ND



CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Project: Former Pace	e Kirkland					volatile	organic C	ompou	nas by EP	A Metho	a 8260
Sample ID: LCS-3013	SampType: LCS			Units: mg/Kg		Prep Date	e: 8/20/2012		RunNo: 540)4	
Client ID: LCSS	Batch ID: 3013					Analysis Date	e: 8/21/2012		SeqNo: 10	5836	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RP	D Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.962	0.0500	1.000	0	96.2	57.5	138				
sec-Butylbenzene	0.993	0.0200	1.000	0	99.3	70	130				
4-Isopropyltoluene	1.00	0.0200	1.000	0	100	52	149				
1,3-Dichlorobenzene	1.04	0.0200	1.000	0	104	70	130				
1,4-Dichlorobenzene	1.02	0.0200	1.000	0	102	70	130				
n-Butylbenzene	0.992	0.0200	1.000	0	99.2	59.2	136				
1,2-Dichlorobenzene	1.05	0.0200	1.000	0	105	70	130				
1,2-Dibromo-3-chloropropane	1.01	0.0300	1.000	0	101	60.6	137				
1,2,4-Trimethylbenzene	1.03	0.0200	1.000	0	103	70	130				
Hexachlorobutadiene	0.870	0.100	1.000	0	87.0	54.7	137				
Naphthalene	0.978	0.0300	1.000	0	97.9	53.2	136				
1,2,3-Trichlorobenzene	0.967	0.0200	1.000	0	96.7	51	140				
Surr: 1-Bromo-4-fluorobenzene	0.496		0.5000		99.3	63.1	141				
Surr: Dibromofluoromethane	0.496		0.5000		99.3	67.6	119				
Surr: Toluene-d8	0.500		0.5000		100	78.5	126				
Sample ID: MB-3013	SampType: MBLK			Units: mg/Kg		Prep Date	e: 8/20/2012		RunNo: 540)4	
Client ID: MBLKS	Batch ID: 3013					Analysis Date	e: 8/21/2012		SeqNo: 10	5837	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RP	D Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
Qualifiers: B Analyte detected in th	ne associated Method Blank		D Dilution wa	as required			E Value abov	e quantitation ra	ange		
H Holding times for prep	paration or analysis exceeded		J Analyte de	tected below quantitation lim	its		ND Not detecte	d at the Report	ing Limit		
R RPD outside accepted	d recovery limits		RL Reporting	Limit			S Spike recov	ery outside acc	epted recovery limi	ts	
			-								P





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3013	SampType: MBLK			Units: mg/Kg		Prep Da	te: 8/20/2	012	RunNo: 540	4	
Client ID: MBLKS	Batch ID: 3013					Analysis Da	te: 8/21/2	012	SeqNo: 105	837	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND (0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution wa	as required			E Valu	e above quantitation ra	inge		
H Holding times for prepa	aration or analysis exceeded		J Analyte de	tected below quantitation lim	nits		ND Not	detected at the Reporti	ng Limit		
R RPD outside accepted	recovery limits		RL Reporting	Limit			S Spik	e recovery outside acce	epted recovery limit	s	



Fremont
[Analytical]

Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3013	SampType: MBLK			Units: mg/Kg		Prep Da	te: 8/20/20	12	RunNo: 540)4	
Client ID: MBLKS	Batch ID: 3013					Analysis Dat	te: 8/21/20	12	SeqNo: 105	5837	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.491		0.5000		98.1	63.1	141				
Surr: Dibromofluoromethane	0.478		0.5000		95.5	67.6	119				
Surr: Toluene-d8	0.495		0.5000		99.0	78.5	126				

Qualifiers: B Analyte detected in the associated Method Blank

н

R

- Method Blank D
- Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
- RPD outside accepted recovery limits
- J Analyte detected be

Dilution was required

RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208101-001ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/20/20	12	RunNo: 540)4	
Client ID: GP-9-4.5	Batch ID: 3013					Analysis Da	te: 8/22/20	12	SeqNo: 106	6102	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0755						0	0	30	
Chloromethane	ND	0.0755						0	0	30	
Vinyl chloride	ND	0.00252						0	0	30	
Bromomethane	ND	0.113						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0629						0	0	30	
Chloroethane	ND	0.0755						0	0	30	
1,1-Dichloroethene	ND	0.0629						0	0	30	
Methylene chloride	ND	0.0252						0	0	30	
trans-1,2-Dichloroethene	ND	0.0252						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0629						0	0	30	
1,1-Dichloroethane	ND	0.0252						0	0	30	
2,2-Dichloropropane	ND	0.0629						0	0	30	
cis-1,2-Dichloroethene	ND	0.0252						0	0	30	
Chloroform	ND	0.0252						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0252						0	0	30	
1,1-Dichloropropene	ND	0.0252						0	0	30	
Carbon tetrachloride	ND	0.0252						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0378						0	0	30	
Benzene	ND	0.0252						0	0	30	
Trichloroethene (TCE)	ND	0.0378						0	0	30	
1,2-Dichloropropane	ND	0.0252						0	0	30	
Bromodichloromethane	ND	0.0252						0	0	30	
Dibromomethane	ND	0.0503						0	0	30	
cis-1,3-Dichloropropene	ND	0.0252						0	0	30	
Toluene	ND	0.0252						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0378						0	0	30	
1,1,2-Trichloroethane	ND	0.0378						0	0	30	
1,3-Dichloropropane	ND	0.0629						0	0	30	
Tetrachloroethene (PCE)	ND	0.0252						0	0	30	
Qualifiers: B Analyte detected in the H Holding times for prepa	e associated Method Blank		D Dilution wa	s required	limits		E Value	e above quantitation rar	nge a Limit		

Holding times for preparation or analysis exceeded н RPD outside accepted recovery limits

R

Analyte detected below quantitation limits

RL Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208101-001ADUP	SampType: DUP			Units: mg/Kg	J-dry	Prep Da	te: 8/20/20	12	RunNo: 540	4	
Client ID: GP-9-4.5	Batch ID: 3013					Analysis Da	te: 8/22/20	12	SeqNo: 106	102	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0378						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00629						0	0	30	
Chlorobenzene	ND	0.0252						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0378						0	0	30	
Ethylbenzene	ND	0.0378						0	0	30	
m,p-Xylene	ND	0.0252						0	0	30	
o-Xylene	ND	0.0252						0	0	30	
Styrene	ND	0.0252						0	0	30	
Isopropylbenzene	ND	0.101						0	0	30	
Bromoform	ND	0.0252						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0252						0	0	30	
n-Propylbenzene	ND	0.0252						0	0	30	
Bromobenzene	ND	0.0378						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0252						0	0	30	
2-Chlorotoluene	ND	0.0252						0	0	30	
4-Chlorotoluene	ND	0.0252						0	0	30	
tert-Butylbenzene	ND	0.0252						0	0	30	
1,2,3-Trichloropropane	ND	0.0252						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0629						0	0	30	
sec-Butylbenzene	ND	0.0252						0	0	30	
4-Isopropyltoluene	ND	0.0252						0	0	30	
1,3-Dichlorobenzene	ND	0.0252						0	0	30	
1,4-Dichlorobenzene	ND	0.0252						0	0	30	
n-Butylbenzene	ND	0.0252						0	0	30	
1,2-Dichlorobenzene	ND	0.0252						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0378						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0252						0	0	30	
Hexachlorobutadiene	ND	0.126						0	0	30	
Naphthalene	ND	0.0378						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required	limite		E Value	above quantitation range	ge Limit		

RL Reporting Limit

R RPD outside accepted recovery limits





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208101-001ADUP	SampType: DUP			Units: mg/k	(g-dry	Prep Dat	te: 8/20/20	12	RunNo: 540	4	
Client ID: GP-9-4.5	Batch ID: 3013					Analysis Dat	e: 8/22/20	12	SeqNo: 106	102	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	ND	0.0252						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.644		0.6292		102	63.1	141		0		
Surr: Dibromofluoromethane	0.549		0.6292		87.2	67.6	119		0		
Surr: Toluene-d8	0.653		0.6292		104	78.5	126		0		

Qualifiers: B Analyte detected in the associated Method Blank

- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Clien Logg	it Name: PES jed by: Troy Zehr	Work Order Number: Date Received:	1208101 8/16/2012	2:22:00 PM
Cha	ain of Custody			
1	Were custodial seals present?	Yes	No 🗌	Not Required 🗹
2	Is Chain of Custody complete?	Yes 🗹	No 🗌	Not Present
3.	How was the sample delivered?	<u>Client</u>		
Log	ı İn			
4.	Coolers are present?	Yes 🔽	No 🗌	
5.	Was an attempt made to cool the samples?	Yes 🗹	No 🗌	
6.	Were all coolers received at a temperature of $>0^{\circ}$ C to 10.0° C	Yes 🔽	No 🗌	
7.	Sample(s) in proper container(s)?	Yes 🔽	No 🗌	
8.	Sufficient sample volume for indicated test(s)?	Yes 🔽	No	
9.	Are samples properly preserved?	Yes 🗹	No 🗌	
10.	Was preservative added to bottles?	Yes	No 🗹	NA 🗌
11	Is there headenace present in VOA vials?	Vec 🗌		
11. 12	Did all sample containers arrive in good condition?(unbroken)	Yes 🗸		
13.	Does paperwork match bottle labels?	Yes 🗹	No 🗌	
14	Are matrices correctly identified on Chain of Custody?	Yes 🔽	No 🗌	
15.	Is it clear what analyses were requested?	Yes 🗹	No 🗌	
16.	Were all holding times able to be met?	Yes 🗹	No 🗌	
<u>Spe</u>	ecial Handling (if applicable)			
17.	Was client notified of all discrepancies with this order?	Yes	No 🗌	NA 🗹
	Person Notified: Da By Whom: Via Regarding: Client Instructions:	a: eMail Pho	ne 🗌 Fax	In Person

18. Additional remarks/Disrepancies

Item Information

Item #	Temp °C	Condition
Cooler	2.8	Good



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Distribution: White - Lab, Yellow - File, Piek - Orginator

MEMORANDUM

то:	Project File	DATE:	September 10, 2012
FROM:	Jerry Harris		
SUBJECT:	Laboratory Data Validation Review		
PROJECT:	Former Pace Facility Kirkland, WA		
PROJECT #:	1006.008.01.003		
TASK:	August 15, 2012 Soil Samples		
LAB:	Fremont Analytical Service Request No. 12	208101	

Soil sampling was conducted at the former Pace facility in Kirkland, Washington on August 15, 2012. Five (5) soil samples were collected from the site.

Three selected soil samples were analyzed for total petroleum hydrocarbons (TPH) as diesel (fuel oil), diesel range organics (DRO), and heavy oil (HO) by the Northwest TPH Dx (NWTPH-Dx) method, TPH as gasoline by the NWTPH-Gx method, and volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260. The TPH-Dx analyses were performed in one analysis group (ID 2998); the TPH-Gx analyses were performed in one analysis group (ID 5419); and the VOC analyses were performed in one primary analysis group (ID 3013). Laboratory analytical services were provided by Fremont Analytical (FA) of Seattle, Washington. FA Project number: 1208101.

The quality assurance review of the groundwater samples data is summarized below.

DATA QUALIFICATIONS

Guidelines established by USEPA for review of analytical data were used to validate the data. The comments presented in this memorandum refer to the laboratory's performance in meeting the quality control criteria outlined in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999).

DATA VALIDATION

Completeness

All samples were collected and analyzed as requested.

Sample Collection and Preservation

The samples were collected in appropriately preserved containers supplied by the analytical laboratory. The laboratory reported that the samples were received in good condition. The

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laboratory received the samples in one cooler at a temperature of 2.8 degrees centigrade (°C). The cooler temperature was within the USEPA recommended temperature range of $4^{\circ} \pm 2^{\circ}$ C. No data qualifications were warranted based upon the laboratory receipt temperatures.

Holding Times

NWTPH-Dx

The extractions and analyses for the NWTPH-Dx method were performed within the recommended 14 day holding time limit for soil samples.

NWTPH-Gx

The analyses for the NWTPH Gx method were performed within the recommended 14 day holding time limit for soil samples.

USEPA Method 8260

The analyses for VOCS were performed within the recommended 14 day holding time limit for soil samples. No data were qualified based upon holding times.

Initial Calibration

Hard copies of the initial calibration verification (ICV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in initial calibration results associated with the project analyses if they occur. No discrepancies were reported; therefore no data qualifications were warranted.

Continuing Calibration

Hard copies of the continuing calibration verification (CCV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in continuing calibration results associated with the project analyses. No discrepancies were reported; therefore no data qualifications were warranted.

Method Blank Results

NWTPH-Dx

One method blank was analyzed with the single analysis group. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the Method Reporting Limits (MRLs). No data qualifications were warranted.

NWTPH-Gx

One method blank was analyzed with the single analysis group. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

USEPA Method 8260

One method blank was analyzed with the single analysis group. This meets the required method

blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

<u>Trip Blank Results</u>

No trip blanks were required or collected during this field event.

Field Duplicate Analyses

No field duplicates were required or collected during this field event.

Laboratory Duplicate Analyses

NWTPH-Dx

The laboratory prepared one duplicate soil sample for analysis group 2988 from project sample GP-9-4.5. The primary and laboratory duplicate pair was analyzed by the NWTPH Dx method. The relative percent differences (RPDs) for all target analytes in the primary and duplicate sample were within the laboratory control criteria of 30 RPD. No data were qualified.

NWTPH-Gx

The laboratory prepared one duplicate soil sample for analysis group 5419 from project sample GP-9-4.5. The primary and laboratory duplicate pair was analyzed by the NWTPH Gx method. The RPDs for all target analytes in the primary and duplicate sample were within the laboratory control criteria of 30 RPD. No data were qualified.

USEPA Method 8260

The laboratory prepared one duplicate soil sample for analysis group 3013 from project sample GP-9-4.5. The primary and laboratory duplicate pair was analyzed by USEPA Method 8260. The RPDs for all target analytes in the primary and duplicate sample were within the laboratory control criteria of 30 RPD. No data were qualified.

Surrogate Recoveries

NWTPH-Dx

The surrogate percent recovery (%R) results for all NWTPH Dx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 50 to 150%R.

NWTPH-Gx

The surrogate %R results for all NWTPH Gx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 65 to 135%. No data qualifications were warranted.

USEPA Method 8260

The surrogate %R results for all USEPA Method 8260 soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits. No data qualifications were warranted.

Laboratory Control Samples

NWTPH-Dx

One laboratory control sample (LCS) was prepared and analyzed for the single analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

NWTPH-Gx

One laboratory control sample (LCS) was prepared and analyzed for the single analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

USEPA Method 8260

One laboratory control sample (LCS) was prepared and analyzed for the single analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

Matrix Spike/Matrix Spike Duplicates

NWTPH-Dx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Dx method.

NWTPH-Gx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Gx method.

USEPA Method 8260

One batch (non-project) soil MS was prepared and analyzed with the project samples for the single analysis batch. A sample duplicate was analyzed in lieu of a MSD for the project. This is acceptable. The MS %Rs for all target analytes in analysis batch 3013 were within the laboratory control limits except for bromomethane. The %R for this compound was below the lower control limit. Because the MS was prepared from a batch (non-project) sample, matrix-caused variability in the MS does not indicate that there is a potential for matrix effects in the project samples. In addition, this compound was not detected in the project samples and the remaining quality control data did not indicate any issues with detecting these compounds. Based upon the information cited above, the MS exceedance is not considered to affection non-detect results. No qualifications were warranted.

Other Quality Control Issues

No other laboratory quality control issues were identified in the laboratory report.

Quantitation Limits

The MRLs were acceptable for the project; therefore, no data qualifiers were assigned.

Data Assessment

No data were qualified. All data are judged to be acceptable for their intended use.


1311 N. 35th St. Seattle, WA 98103 T: (206) 352-3790 F: (206) 352-7178 info@fremontanalytical.com

PES Environmental, Inc. Kelly Rankich 1215 Fourth Avenue, Suite 1350 Seattle, Washington 98161

RE: Former Pace Kirkland Lab ID: 1208108

September 11, 2012

Attention Kelly Rankich:

Fremont Analytical, Inc. received 35 sample(s) on 8/17/2012 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Gasoline by NWTPH-Gx Sample Moisture (Percent Moisture) Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

MGR

Michael Dee Sr. Chemist / Principal



CLIENT: Project: Lab Order:	PES Environmental, Inc. Work Order Sample Sum Former Pace Kirkland 1208108					
Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received			
1208108-001	GP-1-1	08/17/2012 6:35 AM	08/17/2012 3:03 PM			
1208108-002	GP-1-7.5	08/17/2012 6:45 AM	08/17/2012 3:03 PM			
1208108-003	GP-1-12.5	08/17/2012 6:50 AM	08/17/2012 3:03 PM			
1208108-004	GP-1-17.5	08/17/2012 6:55 AM	08/17/2012 3:03 PM			
1208108-005	GP-1-24	08/17/2012 7:05 AM	08/17/2012 3:03 PM			
1208108-006	GP-2-2	08/17/2012 7:15 AM	08/17/2012 3:03 PM			
1208108-007	GP-2-6.5	08/17/2012 7:30 AM	08/17/2012 3:03 PM			
1208108-008	GP-2-11	08/17/2012 7:45 AM	08/17/2012 3:03 PM			
1208108-009	GP-2-14	08/17/2012 7:50 AM	08/17/2012 3:03 PM			
1208108-010	GP-3-2	08/17/2012 8:10 AM	08/17/2012 3:03 PM			
1208108-011	GP-3-6.5	08/17/2012 8:20 AM	08/17/2012 3:03 PM			
1208108-012	GP-3-13	08/17/2012 8:30 AM	08/17/2012 3:03 PM			
1208108-013	GP-3-19	08/17/2012 8:35 AM	08/17/2012 3:03 PM			
1208108-014	GP-3-22.5	08/17/2012 8:45 AM	08/17/2012 3:03 PM			
1208108-015	GP-3-29	08/17/2012 8:55 AM	08/17/2012 3:03 PM			
1208108-016	GP-14-3	08/17/2012 9:45 AM	08/17/2012 3:03 PM			
1208108-017	GP-14-8	08/17/2012 9:50 AM	08/17/2012 3:03 PM			
1208108-018	GP-14-12.5	08/17/2012 9:55 AM	08/17/2012 3:03 PM			
1208108-019	GP-14-19	08/17/2012 10:05 AM	08/17/2012 3:03 PM			
1208108-020	GP-8-2	08/17/2012 11:00 AM	08/17/2012 3:03 PM			
1208108-021	GP-8-7	08/17/2012 11:05 AM	08/17/2012 3:03 PM			
1208108-022	GP-8-10	08/17/2012 11:10 AM	08/17/2012 3:03 PM			
1208108-023	GP-8-15	08/17/2012 11:15 AM	08/17/2012 3:03 PM			
1208108-024	GP-8-24	08/17/2012 11:30 AM	08/17/2012 3:03 PM			
1208108-025	GP-5-3.5	08/17/2012 12:15 PM	08/17/2012 3:03 PM			
1208108-026	GP-5-7	08/17/2012 12:25 PM	08/17/2012 3:03 PM			
1208108-027	GP-5-13	08/17/2012 12:30 PM	08/17/2012 3:03 PM			
1208108-028	GP-5-18	08/17/2012 12:45 PM	08/17/2012 3:03 PM			
1208108-029	GP-10-2.5	08/17/2012 1:10 PM	08/17/2012 3:03 PM			
1208108-030	GP-10-14.5	08/17/2012 1:25 PM	08/17/2012 3:03 PM			
1208108-031	GP-10-18	08/17/2012 1:50 PM	08/17/2012 3:03 PM			
1208108-032	GP-10-22	08/17/2012 2:00 PM	08/17/2012 3:03 PM			
1208108-033	GP-10-25	08/17/2012 2:10 PM	08/17/2012 3:03 PM			
1208108-034	GP-10-29	08/17/2012 2:15 PM	08/17/2012 3:03 PM			
1208108-035	Trip Blank MEOH	08/17/2012 12:00 AM	08/17/2012 3:03 PM			



Case Narrative

WO#: **1208108** Date: **9/11/2012**

CLIENT:PES Environmental, Inc.Project:Former Pace Kirkland

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-001B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-004B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-007B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-009B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-011B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-013B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-016B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-018B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-022B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-024B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-026B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-030B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-032B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-028B) required Silica Gel Cleanup Procedure. Prep Comments for METHOD (PREP-DX-S), SAMPLE (1208108-029B) required Silica Gel Cleanup



WO#: **1208108** Date: **9/11/2012**

CLIENT:	PES Environmental, Inc.
Project:	Former Pace Kirkland

Procedure.

DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (C12-C24).

GRO - Indicates the presence of unresolved compounds eluting from toluene to dodecane (~C7->C12).



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 6:35:00 AM							
Project: Former Pace Kirkland								
Lab ID: 1208108-001	Matrix: Soil							
Client Sample ID: GP-1-1								
	Pocult	Ы	Qual	Unite	DE	Data Analyzad		
Analyses	Result		Quai	Units		Date Analyzeu		
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 3009	Analyst: BR		
Diesel (Fuel Oil)	ND	23.2		mg/Kg-dry	1	8/21/2012 8:57:00 PM		
Diesel Range Organics (C12-C24)	ND	23.2		mg/Kg-dry	1	8/21/2012 8:57:00 PM		
Heavy Oil	ND	57.9		mg/Kg-dry	1	8/21/2012 8:57:00 PM		
Surr: 2-Fluorobiphenyl	84.7	50-150		%REC	1	8/21/2012 8:57:00 PM		
Surr: o-Terphenyl	82.2	50-150		%REC	1	8/21/2012 8:57:00 PM		
Gasoline by NWTPH-Gx				Batch	n ID: R547	7 Analyst: EM		
Gasoline	ND	5.49		ma/Ka-drv	1	8/23/2012 8:00:00 AM		
Gasoline Range Organics C6-C12	ND	5.49		ma/Ka-drv	1	8/23/2012 8:00:00 AM		
Surr: 1.2-Dichloroethane-d4	72.7	65-135		%REC	1	8/23/2012 8:00:00 AM		
Surr: Fluorobenzene	98.5	65-135		%REC	1	8/23/2012 8:00:00 AM		
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM		
Dichlorodifluoromethane (CFC-12)	ND	0.0659		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Chloromethane	ND	0.0659		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Vinyl chloride	ND	0.00220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Bromomethane	ND	0.0988		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Trichlorofluoromethane (CFC-11)	ND	0.0549		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Chloroethane	ND	0.0659		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
1,1-Dichloroethene	ND	0.0549		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Methylene chloride	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
trans-1,2-Dichloroethene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Methyl tert-butyl ether (MTBE)	ND	0.0549		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
1,1-Dichloroethane	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
2,2-Dichloropropane	ND	0.0549		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
cis-1,2-Dichloroethene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Chloroform	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
1,1,1-Trichloroethane (TCA)	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
1,1-Dichloropropene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Carbon tetrachloride	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
1,2-Dichloroethane (EDC)	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Benzene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM		
Trichloroethene (TCE)	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 6:35:00 AM						
Project: Former Pace Kirkland							
I ab ID : 1208108-001	Matrix: Soil						
Client Sample ID: GP 1 1					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
			<u> </u>			-	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by E	PA Method	8260		Batch	n ID: 3029	Analyst: EM	
1,2-Dichloropropane	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Bromodichloromethane	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Dibromomethane	ND	0.0439		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
cis-1,3-Dichloropropene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Toluene	0.157	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
trans-1,3-Dichloropropylene	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
1,1,2-Trichloroethane	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
1,3-Dichloropropane	ND	0.0549		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Tetrachloroethene (PCE)	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Dibromochloromethane	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
1,2-Dibromoethane (EDB)	ND	0.00549		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Chlorobenzene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Ethylbenzene	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
m,p-Xylene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
o-Xylene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Styrene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Isopropylbenzene	ND	0.0878		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
Bromoform	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM	
n-Propylbenzene	ND	0.0220		ma/Ka-drv	1	8/23/2012 8:00:00 AM	
Bromobenzene	ND	0.0329		ma/Ka-drv	1	8/23/2012 8:00:00 AM	
1.3.5-Trimethylbenzene	ND	0.0220		ma/Ka-drv	1	8/23/2012 8:00:00 AM	
2-Chlorotoluene	ND	0.0220		ma/Ka-drv	1	8/23/2012 8:00:00 AM	
4-Chlorotoluene	ND	0.0220		ma/Ka-drv	1	8/23/2012 8:00:00 AM	
tert-Butylbenzene	ND	0.0220		ma/Ka-drv	1	8/23/2012 8:00:00 AM	
1.2.3-Trichloropropane	ND	0.0220		ma/Ka-dry	1	8/23/2012 8:00:00 AM	
1 2 4-Trichlorobenzene	ND	0.0549		ma/Ka-dry	1	8/23/2012 8:00:00 AM	
sec-Butylbenzene	ND	0.0220		ma/Ka-dry	1	8/23/2012 8:00:00 AM	
4-Isopropyltoluene	ND	0.0220		mg/Kg dry	1	8/23/2012 8:00:00 AM	
1 3-Dichlorobenzene		0.0220		mg/Kg dry	1	8/23/2012 8:00:00 AM	
1 4-Dichlorobenzene		0.0220		ma/Ka_dry	1	8/23/2012 8·00·00 ΔM	
n-Rutylbenzene		0.0220		mg/Kg-dry	י 1	8/23/2012 8·00·00 AM	
1 2-Dichlorobenzene		0.0220		mg/Kg dg/	י 1	8/23/2012 8:00:00 AIVI	
1,2-Dibromo 3 obloropropono		0.0220		mg/Kg dg/	1	9/23/2012 8.00.00 AM	
i,∠-Ulbromo-s-chloropropane	ND	0.0329		mg/rkg-ary	I	012312012 0.00:00 AIVI	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/17/2012 6:35:00 AN					e: 8/17/2012 6:35:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208108-001				Matrix: Sc	oil	
Client Sample ID: GP-1-1						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	ו ID:	3029 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM
Hexachlorobutadiene	ND	0.110		mg/Kg-dry	1	8/23/2012 8:00:00 AM
Naphthalene	ND	0.0329		mg/Kg-dry	1	8/23/2012 8:00:00 AM
1,2,3-Trichlorobenzene	ND	0.0220		mg/Kg-dry	1	8/23/2012 8:00:00 AM
Surr: 1-Bromo-4-fluorobenzene	91.0	63.1-141		%REC	1	8/23/2012 8:00:00 AM
Surr: Dibromofluoromethane	95.8	67.6-119		%REC	1	8/23/2012 8:00:00 AM
Surr: Toluene-d8	100	78.5-126		%REC	1	8/23/2012 8:00:00 AM
Sample Moisture (Percent Moiste	<u>ure)</u>			Batch	ו ID:	R5402 Analyst: SC
Percent Moisture	21.7			wt%	1	8/21/2012 1:05:09 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/17/2012 6:45:00					
Project: Former Pace Kirkland						
Lab ID: 1208108-002				Matrix: So	oil	
Client Sample ID: GP-1-7.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by I	EPA Method	<u>8260</u>		Batch	n ID: 3	3091 Analyst: EM
Benzene	ND	0.0275		mg/Kg-dry	1	8/30/2012 2:17:00 PM
Toluene	ND	0.0275		mg/Kg-dry	1	8/30/2012 2:17:00 PM
Ethylbenzene	ND	0.0413		mg/Kg-dry	1	8/30/2012 2:17:00 PM
m,p-Xylene	ND	0.0275		mg/Kg-dry	1	8/30/2012 2:17:00 PM
o-Xylene	ND	0.0275		mg/Kg-dry	1	8/30/2012 2:17:00 PM
Surr: 1-Bromo-4-fluorobenzene	107	63.1-141		%REC	1	8/30/2012 2:17:00 PM
Surr: Dibromofluoromethane	93.5	67.6-119		%REC	1	8/30/2012 2:17:00 PM
Surr: Toluene-d8	101	78.5-126		%REC	1	8/30/2012 2:17:00 PM
Sample Moisture (Percent Moistu	<u>re)</u>			Batch	n ID: I	R5536 Analyst: MC
Percent Moisture	19.3			wt%	1	8/30/2012 12:25:04 PM

Qualifiers:	В	,

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.		Collection Date: 8/17/2012 6:55:00 AM						
Project: Former Pace Kirkland								
Lab ID: 1208108-004	Matrix: Soil							
Client Sample ID: GP-1-17.5								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Diesel and Heavy Oil by NWTPH-E	0x/Dx Ext.			Batch	n ID: 3009	Analyst: BR		
Diesel (Fuel Oil)	ND	23.6		mg/Kg-dry	1	8/21/2012 9:53:00 PM		
Diesel Range Organics (C12-C24)	ND	23.6		mg/Kg-dry	1	8/21/2012 9:53:00 PM		
Heavy Oil	ND	58.9		mg/Kg-dry	1	8/21/2012 9:53:00 PM		
Surr: 2-Fluorobiphenyl	86.1	50-150		%REC	1	8/21/2012 9:53:00 PM		
Surr: o-Terphenyl	83.0	50-150		%REC	1	8/21/2012 9:53:00 PM		
Gasoline by NWTPH-Gx				Batch	1 ID: R547	77 Analyst: EM		
Gasoline	ND	4.99		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
Gasoline Range Organics C6-C12	ND	4.99		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
Surr: 1.2-Dichloroethane-d4	75.4	65-135		%REC	1	8/23/2012 8:31:00 AM		
Surr: Fluorobenzene	100	65-135		%REC	1	8/23/2012 8:31:00 AM		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM		
Dichlorodifluoromethane (CFC-12)	ND	0.0599		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
Chloromethane	ND	0.0599		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
Vinvl chloride	ND	0.00200		ma/Ka-dry	1	8/23/2012 8:31:00 AM		
Bromomethane	ND	0 0899		ma/Ka-dry	1	8/23/2012 8:31:00 AM		
Trichlorofluoromethane (CFC-11)	ND	0 0499		ma/Ka-dry	1	8/23/2012 8:31:00 AM		
Chloroethane	ND	0 0599		ma/Ka-dry	1	8/23/2012 8:31:00 AM		
1 1-Dichloroethene	ND	0 0499		ma/Ka-dry	1	8/23/2012 8:31:00 AM		
Methylene chloride	ND	0.0200		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
trans-1.2-Dichloroethene	ND	0.0200		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
Methyl tert-butyl ether (MTBE)	ND	0.0499		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
1.1-Dichloroethane	ND	0.0200		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
2.2-Dichloropropane	ND	0.0499		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
cis-1 2-Dichloroethene	ND	0.0200		ma/Ka-dry	1	8/23/2012 8:31:00 AM		
Chloroform	ND	0.0200		ma/Ka-dry	1	8/23/2012 8:31:00 AM		
1 1 1-Trichloroethane (TCA)	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM		
1 1-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM		
Carbon tetrachloride	ND	0.0200		ma/Ka-drv	1	8/23/2012 8:31:00 AM		
1 2-Dichloroethane (EDC)		0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM		
Benzene		0.0000		mg/Kg-dry	1	8/23/2012 8·31·00 ΔM		
Trichloroethene (TCE)	ND	0.0300		mg/Kg-dry	1	8/23/2012 8:31:00 AM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: 1208108-004 Matrix: Soil Client Sample ID: GP-117.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 302 Analyst: EM 12-Dichicropropane ND 0.0200 mg/Kg-dry 1 823/2012 8.31:00 AM Dibromomethane ND 0.0200 mg/Kg-dry 1 823/2012 8.31:00 AM Dibromomethane ND 0.0200 mg/Kg-dry 1 823/2012 8.31:00 AM Toluene ND 0.0200 mg/Kg-dry 1 823/2012 8.31:00 AM 1.3-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8.31:00 AM 1.3-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8.31:00 AM 1.3-Dichloropropane ND 0.0200 mg/Kg-dry 1 8/23/2012 8.31:00 AM 1.3-Dichloropropane ND 0.0200 mg/Kg-dry 1 8/23/2012 8.31:00 AM	Client: PES Environmental, Inc.				Collection	Date: 8/1	7/2012 6:55:00 AM
Lab ID: L20 ID: D20 ID: D20 ID: D30 ID: <t< th=""><th>Project: Former Pace Kirkland</th><th></th><th></th><th></th><th>Motrix: Co</th><th>.:.</th><th></th></t<>	Project: Former Pace Kirkland				Motrix: Co	.:.	
Chient Sample (b): GP-1-17.3 Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analysi: EM 1.2-Dichloropropane ND 0.0200 mg/Kg-dry 1 8/23/2012 8/31:00 AM Diromomethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8/31:00 AM Diromomethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8/31:00 AM Toluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8/31:00 AM Toluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8/31:00 AM 1,1.2-Trichtoroptopene ND 0.0300 mg/Kg-dry 1 8/23/2012 8/31:00 AM 1,1.2-Trichtoroethane ND 0.0499 mg/Kg-dry 1 8/23/2012 8/31:00 AM 1,1.2-Trichtoroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8/31:00 AM 1,1.2-Trichtoroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8/31:00 AM 1,1.1.2-Trichtoroethane					Watrix: 50	ווכ	
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0200 mg/Kg-dry 1 &/23/2012 8:31:00 AM Bromodichloromethane ND 0.0200 mg/Kg-dry 1 &/23/2012 8:31:00 AM Obtromomethane ND 0.0200 mg/Kg-dry 1 &/23/2012 8:31:00 AM Toluene ND 0.0200 mg/Kg-dry 1 &/23/2012 8:31:00 AM Trans-1.3-Dichloropropylene ND 0.0300 mg/Kg-dry 1 &/23/2012 8:31:00 AM 1.3-Dichloropropane ND 0.0300 mg/Kg-dry 1 &/23/2012 8:31:00 AM 1.3-Dichloropropane ND 0.0300 mg/Kg-dry 1 &/23/2012 8:31:00 AM 1.3-Dichloropropane ND 0.0499 mg/Kg-dry 1 &/23/2012 8:31:00 AM 1.3-Dichloropropane ND 0.0200 mg/Kg-dry 1 &/23/2012 8:31:00 AM 1.3-Dichloropethane (PCE) ND </th <th>Client Sample ID: GP-1-17.5</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	Client Sample ID: GP-1-17.5						
Volatile Organic Compounds by EPA Method 8260 Batch ID: 302 Analys: EM 1.2-Dichloropropane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromonelhane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM dis-1.3-Dichloropropene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM trans-1.3-Dichloropropene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM trans-1.3-Dichloropropene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.3-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.2-Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.2-Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.2-Dibromochloromethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.2-Dibromochlor	Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1.2-Dichloropropane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Bromodichloromethane ND 0.0399 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromomethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Gic-1,3-Dichloropropene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Toluene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1.2-Trichloroproplene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloromethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Tichloromethane (EDB) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM
Bromodichloromethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromomethane ND 0.0399 mg/Kg-dry 1 8/23/2012 8:31:00 AM Toluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM trans-1,3-Dichloropropylene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Trichloroethane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromoethane (EDB) ND 0.00499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM	1,2-Dichloropropane	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Dibromomethane ND 0.0399 mg/Kg-dry 1 8/23/2012 8:31:00 AM cis-1,3-Dichloropropene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM trans-1,3-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM trans-1,3-Dichloropropene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloroptpane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloroptpane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM Libromochlaromethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 0-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 0.23/2	Bromodichloromethane	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
cis-1,3-Dichloropropene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Toluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM trans-1,3-Dichloropropylene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Trichloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Tetrachloroethane (PCE) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Tichloroethane (EDB) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 0-Xjene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 0-Xjene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM	Dibromomethane	ND	0.0399		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Toluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM trans-1,3-Dichloropropylene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Trichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Tetrachloroethane (PCE) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromoethane (EDB) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 0-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 0-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1	cis-1,3-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
trans-1,3-Dichloropropylene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Tetrachloroethene (PCE) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Li,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM thybenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM m,p-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Styrene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopro	Toluene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1,1,2-Trichloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Tetrachloroethene (PCE) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromoethane (EDB) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00	trans-1,3-Dichloropropylene	ND	0.0300		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1.3-Dichloropropane ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Tetrachloroethene (PCE) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.2-Dibromoethane (EDB) ND 0.00499 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM m.p-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM o-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM styrene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n.1,2,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n.Propy	1,1,2-Trichloroethane	ND	0.0300		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Tetrachloroethene (PCE) ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.2-Dibromoethane (EDB) ND 0.0499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Chlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM L1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM Ethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM o-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Styrene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM nPropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1.3.5-Trimethylbenzene	1,3-Dichloropropane	ND	0.0499		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Dibromochloromethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromoethane (EDB) ND 0.00499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Chlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1.2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM Ethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM m,p-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM o-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM lsopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM lsopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n.Propylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n.Propylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,2-Tetrachloroethane	Tetrachloroethene (PCE)	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1,2-Dibromoethane (EDB) ND 0.00499 mg/Kg-dry 1 8/23/2012 8:31:00 AM Chlorobenzene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM Ethylbenzene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM m,p-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM o-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Styrene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,4-Trinehylbenzene <td>Dibromochloromethane</td> <td>ND</td> <td>0.0300</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 8:31:00 AM</td>	Dibromochloromethane	ND	0.0300		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Chlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM Ethylbenzene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM m,p-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM o-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM o-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n-Propylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene <t< td=""><td>1,2-Dibromoethane (EDB)</td><td>ND</td><td>0.00499</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/23/2012 8:31:00 AM</td></t<>	1,2-Dibromoethane (EDB)	ND	0.00499		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1,1,1,2-Tetrachloroethane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM Ethylbenzene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM m,p-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM o-Xylene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM styrene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n-Propylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,3-Trichlorobuene	Chlorobenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
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Styrene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Isopropylbenzene ND 0.0799 mg/Kg-dry 1 8/23/2012 8:31:00 AM Bromoform ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n-Propylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Bromobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 2-Chlorotoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 4-Chlorotoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,3-Trichloropopane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,4-Trichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichlorobenzene	o-Xylene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Isopropylbenzene ND 0.0799 mg/Kg-dry 1 8/23/2012 8:31:00 AM Bromoform ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n-Propylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Bromobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 2-Chlorotoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 4-Chlorotoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,3-Trichloropropane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,4-Trichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichlorobenz	Styrene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Bromoform ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,1,2,2-Tetrachloroethane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n-Propylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM Bromobenzene ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3,5-Trimethylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 2-Chlorotoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 4-Chlorotoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 4-Chlorotoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,3-Trichloropropane ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2,4-Trichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 4-lsopropyltoluene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,3-Dichlorobenzen	Isopropylbenzene	ND	0.0799		mg/Kg-dry	1	8/23/2012 8:31:00 AM
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BromobenzeneND0.0300mg/Kg-dry18/23/2012 8:31:00 AM1,3,5-TrimethylbenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM2-ChlorotolueneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM4-ChlorotolueneND0.0200mg/Kg-dry18/23/2012 8:31:00 AMtert-ButylbenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,2,3-TrichloropropaneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,2,4-TrichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AMsec-ButylbenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM4-IsopropyltolueneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,3-DichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,3-DichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,3-DichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,3-DichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,4-DichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,2-DichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,2-DichlorobenzeneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM1,2-Dibromo-3-chloropropaneND0.0200mg/Kg-dry18/23/2012 8:31:00 AM <t< td=""><td>n-Propylbenzene</td><td>ND</td><td>0.0200</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/23/2012 8:31:00 AM</td></t<>	n-Propylbenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
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1,3-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,4-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n-Butylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromo-3-chloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM	4-Isopropyltoluene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1,4-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM n-Butylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromo-3-chloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM	1,3-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
n-Butylbenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromo-3-chloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM	1,4-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1,2-Dichlorobenzene ND 0.0200 mg/Kg-dry 1 8/23/2012 8:31:00 AM 1,2-Dibromo-3-chloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM	n-Butylbenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1,2-Dibromo-3-chloropropane ND 0.0300 mg/Kg-dry 1 8/23/2012 8:31:00 AM	1,2-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
	1,2-Dibromo-3-chloropropane	ND	0.0300		mg/Kg-dry	1	8/23/2012 8:31:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	. Collection Date: 8/17/2012 6:55:00 A					8/17/2012 6:55:00 AM
Project: Former Pace Kirkland						
Lab ID: 1208108-004				Matrix: Sc	bil	
Client Sample ID: GP-1-17.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	29 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Hexachlorobutadiene	ND	0.0999		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Naphthalene	ND	0.0300		mg/Kg-dry	1	8/23/2012 8:31:00 AM
1,2,3-Trichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/23/2012 8:31:00 AM
Surr: 1-Bromo-4-fluorobenzene	90.5	63.1-141		%REC	1	8/23/2012 8:31:00 AM
Surr: Dibromofluoromethane	95.3	67.6-119		%REC	1	8/23/2012 8:31:00 AM
Surr: Toluene-d8	98.2	78.5-126		%REC	1	8/23/2012 8:31:00 AM
Sample Moisture (Percent Moiste	<u>ure)</u>			Batch	n ID: R5	402 Analyst: SC
Percent Moisture	20.7			wt%	1	8/21/2012 1:05:09 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 7:30:00 AM						
Lab ID: 1208108-007	Matrix: Soil						
Client Sample ID: GP-2-6.5	.		• •				
Analyses	Result	RL	Quai	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 3	3009 Analyst: BR	
Diesel (Fuel Oil)	ND	21.6		mg/Kg-dry	1	8/21/2012 10:21:00 PM	
Diesel Range Organics (C12-C24)	ND	21.6		mg/Kg-dry	1	8/21/2012 10:21:00 PM	
Heavy Oil	ND	53.9		mg/Kg-dry	1	8/21/2012 10:21:00 PM	
Surr: 2-Fluorobiphenyl	86.1	50-150		%REC	1	8/21/2012 10:21:00 PM	
Surr: o-Terphenyl	82.5	50-150		%REC	1	8/21/2012 10:21:00 PM	
Gasoline by NWTPH-Gx				Batch	n ID: F	R5477 Analyst: EM	
Gasoline	ND	5.79		ma/Ka-drv	1	8/23/2012 9:03:00 AM	
Gasoline Range Organics C6-C12	ND	5.79		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Surr: 1.2-Dichloroethane-d4	71.7	65-135		%REC	1	8/23/2012 9:03:00 AM	
Surr: Fluorobenzene	98.0	65-135		%REC	1	8/23/2012 9:03:00 AM	
Volatile Organic Compounds by	EPA Method 8	<u>3260</u>		Batch	n ID: 3	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0695		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Chloromethane	ND	0.0695		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Vinyl chloride	ND	0.00232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Bromomethane	ND	0.104		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0579		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Chloroethane	ND	0.0695		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,1-Dichloroethene	ND	0.0579		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Methylene chloride	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
trans-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0579		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,1-Dichloroethane	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
2,2-Dichloropropane	ND	0.0579		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
cis-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Chloroform	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,1,1-Trichloroethane (TCA)	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,1-Dichloropropene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Carbon tetrachloride	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,2-Dichloroethane (EDC)	ND	0.0347		mg/Kg-drv	1	8/23/2012 9:03:00 AM	
Benzene	ND	0.0232		mg/Kg-drv	1	8/23/2012 9:03:00 AM	
Trichloroethene (TCE)	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 7:30:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208108-007	Matrix: Soil						
Client Sample ID: GP-2-6.5							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
						-	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batcl	n ID: 3029	Analyst: EM	
1.2-Dichloropropane	ND	0.0232		ma/Ka-drv	1	8/23/2012 9:03:00 AM	
Bromodichloromethane	ND	0.0232		ma/Ka-drv	1	8/23/2012 9:03:00 AM	
Dibromomethane	ND	0.0463		ma/Ka-drv	1	8/23/2012 9:03:00 AM	
cis-1.3-Dichloropropene	ND	0.0232		ma/Ka-drv	1	8/23/2012 9:03:00 AM	
Toluene	ND	0.0232		ma/Ka-drv	1	8/23/2012 9:03:00 AM	
trans-1.3-Dichloropropylene	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,1,2-Trichloroethane	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,3-Dichloropropane	ND	0.0579		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Tetrachloroethene (PCE)	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Dibromochloromethane	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,2-Dibromoethane (EDB)	ND	0.00579		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Chlorobenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Ethylbenzene	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
m,p-Xylene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
o-Xylene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Styrene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Isopropylbenzene	ND	0.0926		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Bromoform	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
n-Propylbenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
Bromobenzene	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,3,5-Trimethylbenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
2-Chlorotoluene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
4-Chlorotoluene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
tert-Butylbenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,2,3-Trichloropropane	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,2,4-Trichlorobenzene	ND	0.0579		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
sec-Butylbenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
4-Isopropyltoluene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,3-Dichlorobenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,4-Dichlorobenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
n-Butylbenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,2-Dichlorobenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 7:30:00 AM								
Project: Former Pace Kirkland									
Lab ID: 1208108-007	Matrix: Soil								
Client Sample ID: GP-2-6.5									
Analyses	Result	RL	Qual	Units	Date Analyzed				
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	ו ID: 3	3029 Analyst: EM			
1,2,4-Trimethylbenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM			
Hexachlorobutadiene	ND	0.116		mg/Kg-dry	1	8/23/2012 9:03:00 AM			
Naphthalene	ND	0.0347		mg/Kg-dry	1	8/23/2012 9:03:00 AM			
1,2,3-Trichlorobenzene	ND	0.0232		mg/Kg-dry	1	8/23/2012 9:03:00 AM			
Surr: 1-Bromo-4-fluorobenzene	96.8	63.1-141		%REC	1	8/23/2012 9:03:00 AM			
Surr: Dibromofluoromethane	94.3	67.6-119		%REC	1	8/23/2012 9:03:00 AM			
Surr: Toluene-d8	103	78.5-126		%REC	1	8/23/2012 9:03:00 AM			
Sample Moisture (Percent Moist	ure)			Batch	n ID: F	R5402 Analyst: SC			
Percent Moisture	13.9			wt%	1	8/21/2012 1:05:09 PM			

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/17/2012 7:50:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208108-009				Matrix: Sc	bil		
Client Sample ID: GP-2-14							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 3009	Analyst: BR	
Diesel (Fuel Oil)	ND	23.8		mg/Kg-dry	1	8/21/2012 10:48:00 PM	
Diesel Range Organics (C12-C24)	ND	23.8		mg/Kg-dry	1	8/21/2012 10:48:00 PM	
Heavy Oil	ND	59.6		mg/Kg-dry	1	8/21/2012 10:48:00 PM	
Surr: 2-Fluorobiphenyl	85.0	50-150		%REC	1	8/21/2012 10:48:00 PM	
Surr: o-Terphenyl	82.1	50-150		%REC	1	8/21/2012 10:48:00 PM	
Gasoline by NWTPH-Gx				Batch	ו ID: R547	7 Analyst: EM	
Gasoline	ND	5.81		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Gasoline Range Organics C6-C12	ND	5.81		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Surr: 1,2-Dichloroethane-d4	71.2	65-135		%REC	1	8/23/2012 9:34:00 AM	
Surr: Fluorobenzene	96.9	65-135		%REC	1	8/23/2012 9:34:00 AM	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0698		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Chloromethane	ND	0.0698		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Vinyl chloride	ND	0.00233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Bromomethane	ND	0.105		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0581		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Chloroethane	ND	0.0698		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,1-Dichloroethene	ND	0.0581		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Methylene chloride	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0581		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,1-Dichloroethane	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
2,2-Dichloropropane	ND	0.0581		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
cis-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Chloroform	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,1,1-Trichloroethane (TCA)	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,1-Dichloropropene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Carbon tetrachloride	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,2-Dichloroethane (EDC)	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Benzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Trichloroethene (TCE)	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 7:50:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208108-009				Matrix: So	bil		
Client Sample ID: GP-2-14							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by F	PA Method	DA Mathad 0200			n ID: 3029	Analyst [,] FM	
volatile organic compounds by E		0200		Bato	112.0020		
1,2-Dichloropropane	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Bromodichloromethane	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Dibromomethane	ND	0.0465		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
cis-1,3-Dichloropropene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Toluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
trans-1,3-Dichloropropylene	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,1,2-Trichloroethane	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,3-Dichloropropane	ND	0.0581		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Tetrachloroethene (PCE)	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Dibromochloromethane	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,2-Dibromoethane (EDB)	ND	0.00581		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Chlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Ethylbenzene	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
m,p-Xylene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
o-Xylene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Styrene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Isopropylbenzene	ND	0.0930		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Bromoform	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
n-Propylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
Bromobenzene	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,3,5-Trimethylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
2-Chlorotoluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
4-Chlorotoluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
tert-Butylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,2,3-Trichloropropane	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,2,4-Trichlorobenzene	ND	0.0581		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
sec-Butylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
4-Isopropyltoluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,3-Dichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,4-Dichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
n-Butylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,2-Dichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM	
				,			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 7:50:00 AM								
Project: Former Pace Kirkland									
Lab ID: 1208108-009	Matrix: Soil								
Client Sample ID: GP-2-14									
Analyses	Result	RL	Qual	Units	Date Analyzed				
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	029 Analyst: EM			
1,2,4-Trimethylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM			
Hexachlorobutadiene	ND	0.116		mg/Kg-dry	1	8/23/2012 9:34:00 AM			
Naphthalene	ND	0.0349		mg/Kg-dry	1	8/23/2012 9:34:00 AM			
1,2,3-Trichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 9:34:00 AM			
Surr: 1-Bromo-4-fluorobenzene	93.6	63.1-141		%REC	1	8/23/2012 9:34:00 AM			
Surr: Dibromofluoromethane	95.4	67.6-119		%REC	1	8/23/2012 9:34:00 AM			
Surr: Toluene-d8	103	78.5-126		%REC	1	8/23/2012 9:34:00 AM			
Sample Moisture (Percent Moist	ure)			Batch	ID: R	5402 Analyst: SC			
Percent Moisture	19.7			wt%	1	8/21/2012 1:05:09 PM			

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc. Project: Former Pace Kirkland	Inc. Collection Date: 8/17/2012 8:20:00 AM						
Lab ID: 1208108-011				Matrix: So	bil		
Client Sample ID: GP-3-6.5							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH	-Dx/Dx Ext.			Batch	ו ID: 30	09 Analyst: BR	
Diesel (Fuel Oil)	ND	23.1		mg/Kg-dry	1	8/21/2012 11:16:00 PM	
Diesel Range Organics (C12-C24)	ND	23.1		mg/Kg-dry	1	8/21/2012 11:16:00 PM	
Heavy Oil	ND	57.8		mg/Kg-dry	1	8/21/2012 11:16:00 PM	
Surr: 2-Fluorobiphenyl	84.8	50-150		%REC	1	8/21/2012 11:16:00 PM	
Surr: o-Terphenyl	81.8	50-150		%REC	1	8/21/2012 11:16:00 PM	
Gasoline by NWTPH-Gx				Batch	n ID: R5	6477 Analyst: EM	
Gasoline	ND	4.69		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Gasoline Range Organics C6-C12	ND	4.69		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Surr: 1,2-Dichloroethane-d4	74.6	65-135		%REC	1	8/23/2012 10:05:00 AM	
Surr: Fluorobenzene	99.3	65-135		%REC	1	8/23/2012 10:05:00 AM	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	29 Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0563		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Chloromethane	ND	0.0563		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Vinyl chloride	ND	0.00188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Bromomethane	ND	0.0844		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0469		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Chloroethane	ND	0.0563		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
1,1-Dichloroethene	ND	0.0469		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Methylene chloride	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
trans-1,2-Dichloroethene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0469		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
1,1-Dichloroethane	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
2,2-Dichloropropane	ND	0.0469		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
cis-1,2-Dichloroethene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Chloroform	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
1,1,1-Trichloroethane (TCA)	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
1,1-Dichloropropene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Carbon tetrachloride	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
1,2-Dichloroethane (EDC)	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Benzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM	
Trichloroethene (TCE)	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208108-011 Matrix: Solid Client Sample ID: GP-3-6.5 Malyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyse: M 1.2-Dichloropropane ND 0.0188 mg/Kq-dry 1 823/2012 10:05:00 AM Dibromomethane ND 0.0188 mg/Kq-dry 1 823/2012 10:05:00 AM Dibromomethane ND 0.0188 mg/Kq-dry 1 823/2012 10:05:00 AM Dibromomethane ND 0.0188 mg/Kq-dry 1 823/2012 10:05:00 AM Totuene ND 0.0281 mg/Kq-dry 1 823/2012 10:05:00 AM 1.3-Dichloroproprine ND 0.0281 mg/Kq-dry 1 823/2012 10:05:00 AM 1.3-2.201choroproprine ND 0.0281 mg/Kq-dry 1 823/2012 10:05:00 AM 1.3-Dichoroproprine ND 0.0281 mg/Kq-dry 1 823/2	Client: PES Environmental, Inc. Collection Date: 8/17/2012 8:2						
Lab ID: 1208108-011 Matrix: Soil Client Sample ID: GP-3-6.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analysi: EM 1,2-Dichloropropane ND 0.0188 mg/kg-dry 1 8/23/2012 10:05:00 AM Dimomethane ND 0.0188 mg/kg-dry 1 8/23/2012 10:05:00 AM Cell-3:Dichloropropene ND 0.0188 mg/kg-dry 1 8/23/2012 10:05:00 AM Cell-3:Dichloropropene ND 0.0188 mg/kg-dry 1 8/23/2012 10:05:00 AM Trans-1:3-Dichloropropene ND 0.0281 mg/kg-dry 1 8/23/2012 10:05:00 AM 1,1.2-Trichloroethane ND 0.0281 mg/kg-dry 1 8/23/2012 10:05:00 AM 1,1.2-Trichloroethane ND 0.0489 mg/kg-dry 1 8/23/2012 10:05:00 AM 1,1.2-Trichloroethane ND 0.0489 mg/kg-dry 1 8/23/2012 10:05:00 AM	Project: Former Pace Kirkland						
Client Sample ID: CP-3-6.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analysi: EM 1.2-Dichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromorethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromorethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Tames 1.3-Dichloropropene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Tames 1.3-Dichloropropene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.3-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	Lab ID: 1208108-011				Matrix: So	bil	
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Bromodichloromethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Dirbomomethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Giet-13-Dichloropropene ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Toluene ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1.2-Trichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1.2-Trichloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1.2-Trichloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1.2-Trichloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1.1.2-Trichloroethane	Client Sample ID: GP-3-6 5					211	
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromodichoromethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromomethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Toluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.3-Dichloropropene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.3-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.3-Dichloropropane ND 0.0489 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.3-Dichloropropane ND 0.0489 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.3-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.4-2-Tetrichloroethane ND <th></th> <th></th> <th></th> <th>• •</th> <th></th> <th></th> <th></th>				• •			
Volatil Organic Compounds by EPA Method 8260 Batch D: 302 Analys: EM 1.2-Dichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05.00 AM Bromodichloromethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05.00 AM Dibromomethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05.00 AM cis-1.3-Dichloropropene ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05.00 AM Tanene ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05.00 AM Tans-1.3-Dichloropropiene ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05.00 AM 1,1.2-Tichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10.05.00 AM 1,1.2-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05.00 AM 1,1.2-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05.00 AM 1,1.2-Tichchoropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05.00 AM 1,1.1,2-Tetrachloroethane	Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1,2-Dichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Dibromomethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Dibromomethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Cis-1,3-Dichloropropene ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM Toluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1.2-Trichtoropropene ND 0.0221 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,3-Dichloropropane ND 0.0221 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,2-Trichtoroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,2-Dibromoethane (EDB) ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1,1_2-Teirachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10.05:00 AM 1,1,1_2-Teirachloroethane							
1.2-Dichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:500 AM Bromodichloromethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromomethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Cis-1,3-Dichloropropene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Toluene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1.2-Trichloropropylene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-2-Tichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Tolchoromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromoethane (EDB) ND 0.00469 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM <td< td=""><td>Volatile Organic Compounds by E</td><td>PA Method</td><td><u>8260</u></td><td></td><td>Batcl</td><td>n ID: 3029</td><td>Analyst: EM</td></td<>	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batcl	n ID: 3029	Analyst: EM
Bromodichloromethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromomethane ND 0.0375 mg/Kg-dry 1 8/23/2012 10:05:00 AM Toluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Toluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,12-Trichloroephane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Di-Dibromochloromethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1-2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,	1,2-Dichloropropane	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Dibromomethane ND 0.0375 mg/Kg-dry 1 8/23/2012 10:05:00 AM cis-1,3-Dichloropropene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Toluene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM trans-1,3-Dichloropropylene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloroethane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 0-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM <tr< td=""><td>Bromodichloromethane</td><td>ND</td><td>0.0188</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/23/2012 10:05:00 AM</td></tr<>	Bromodichloromethane	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
cis-1,3-Dichloropropene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Toluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM trans-1,3-Dichloropropylene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2-Trichloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Tetrachloroethane (PCE) ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromoethane (EDB) ND 0.00469 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Ethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM isopropylenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM <td>Dibromomethane</td> <td>ND</td> <td>0.0375</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 10:05:00 AM</td>	Dibromomethane	ND	0.0375		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Toluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM trans-1,3-Dichloropropylene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromoethane (EDB) ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 0-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM styrene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM	cis-1,3-Dichloropropene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
trans-1,3-Dichloropropylene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Tetrachloroethene (PCE) ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,12-Tetrachloroethane (EDB) ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM c-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM c-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM stopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM <td>Toluene</td> <td>ND</td> <td>0.0188</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 10:05:00 AM</td>	Toluene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,1,2-Trichloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Tetrachloroethane (PCE) ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromoethane (EDB) ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM m,p-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM skprene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM <	trans-1,3-Dichloropropylene	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,3-Dichloropropane ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Tetrachloroethene (PCE) ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromoethane (EDB) ND 0.00469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Chlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Chlorobenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM chybenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM lsopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM stopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Te	1,1,2-Trichloroethane	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Tetrachloroethene (PCE) ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.2-Dibromoethane (EDB) ND 0.00469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Chlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Ethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM styrene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1.3,5-Trimethylbe	1,3-Dichloropropane	ND	0.0469		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Dibromochloromethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromoethane (EDB) ND 0.00469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Chlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM tthylbenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM m,p-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM styrene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n.Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n.Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n.Propylbenzene ND <td>Tetrachloroethene (PCE)</td> <td>ND</td> <td>0.0188</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 10:05:00 AM</td>	Tetrachloroethene (PCE)	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,2-Dibromoethane (EDB) ND 0.00469 mg/Kg-dry 1 8/23/2012 10:05:00 AM Chlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Ethylbenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM m,p-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n,P-ropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n,P-ropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene </td <td>Dibromochloromethane</td> <td>ND</td> <td>0.0281</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 10:05:00 AM</td>	Dibromochloromethane	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Chlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Ethylbenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM m,p-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene	1,2-Dibromoethane (EDB)	ND	0.00469		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,1,1,2-Tetrachloroethane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM Ethylbenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM m,p-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloroponzone	Chlorobenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Ethylbenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM m,p-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Styrene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0750 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n.Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n.Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichloropopane ND	1,1,1,2-Tetrachloroethane	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM
m,p-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Styrene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0750 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropenzene	Ethylbenzene	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM
o-Xylene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Styrene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0750 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene	m,p-Xylene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Styrene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Isopropylbenzene ND 0.0750 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-bichlorobenze	o-Xylene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Isopropylbenzene ND 0.0750 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromobenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,	Styrene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Bromoform ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromobenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropopane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-	Isopropylbenzene	ND	0.0750		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,1,2,2-Tetrachloroethane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromobenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2	Bromoform	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
n-Propylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM Bromobenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Di	1,1,2,2-Tetrachloroethane	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
Bromobenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3,5-Trimethylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM tert-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-	n-Propylbenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
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2-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM tert-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1	1,3,5-Trimethylbenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
4-Chlorotoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM tert-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1	2-Chlorotoluene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
tert-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Diblorobenzene ND 0.0188 mg/Kg-dry 1 8	4-Chlorotoluene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,2,3-Trichloropropane ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2,4-Trichlorobenzene ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibfromo-3-chloropropane ND 0.0281 mg/Kg-dry 1	tert-Butylbenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,2,4-Trichlorobenzene ND 0.0469 mg/Kg-dry 1 8/23/2012 10:05:00 AM sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibformo-3-chloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	1,2,3-Trichloropropane	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
sec-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibformo-3-chloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	1,2,4-Trichlorobenzene	ND	0.0469		mg/Kg-dry	1	8/23/2012 10:05:00 AM
4-Isopropyltoluene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	sec-Butylbenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,3-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromo-3-chloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	4-Isopropyltoluene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,4-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM n-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromo-3-chloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	1,3-Dichlorobenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
n-Butylbenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromo-3-chloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	1,4-Dichlorobenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1,2-Dichlorobenzene ND 0.0188 mg/Kg-dry 1 8/23/2012 10:05:00 AM 1,2-Dibromo-3-chloropropane ND 0.0281 mg/Kg-dry 1 8/23/2012 10:05:00 AM	n-Butylbenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
1.2-Dibromo-3-chloropropane ND 0.0281 ma/Ka-drv 1 8/23/2012 10:05:00 AM	1,2-Dichlorobenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM
	1,2-Dibromo-3-chloropropane	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 8:20:00 AM									
Project: Former Pace Kirkland										
Lab ID: 1208108-011		Matrix: Soil								
Client Sample ID: GP-3-6.5										
Analyses	Result	RL	Qual	Units	Date Analyzed					
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3	029 Analyst: EM				
1,2,4-Trimethylbenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM				
Hexachlorobutadiene	ND	0.0938		mg/Kg-dry	1	8/23/2012 10:05:00 AM				
Naphthalene	ND	0.0281		mg/Kg-dry	1	8/23/2012 10:05:00 AM				
1,2,3-Trichlorobenzene	ND	0.0188		mg/Kg-dry	1	8/23/2012 10:05:00 AM				
Surr: 1-Bromo-4-fluorobenzene	96.6	63.1-141		%REC	1	8/23/2012 10:05:00 AM				
Surr: Dibromofluoromethane	98.8	67.6-119		%REC	1	8/23/2012 10:05:00 AM				
Surr: Toluene-d8	104	78.5-126		%REC	1	8/23/2012 10:05:00 AM				
Sample Moisture (Percent Moist	<u>ure)</u>			Batch	n ID: R	5402 Analyst: SC				
Percent Moisture	15.7			wt%	1	8/21/2012 1:05:09 PM				

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc. Project: Former Pace Kirkland	Inc. Collection Date: 8/17/2012 8:35:00 AM						
Lab ID: 1208108-013				Matrix: So	bil		
Client Sample ID: GP-3-19 Analyses	Result	sult RL Qual Units			DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH	-Dx/Dx Ext.			Batch	n ID: 30	09 Analyst: BR	
Diesel (Fuel Oil)	ND	23.6		mg/Kg-dry	1	8/21/2012 11:44:00 PM	
Diesel Range Organics (C12-C24)	ND	23.6		mg/Kg-dry	1	8/21/2012 11:44:00 PM	
Heavy Oil	ND	58.9		mg/Kg-dry	1	8/21/2012 11:44:00 PM	
Surr: 2-Fluorobiphenyl	85.5	50-150		%REC	1	8/21/2012 11:44:00 PM	
Surr: o-Terphenyl	83.5	50-150		%REC	1	8/21/2012 11:44:00 PM	
Gasoline by NWTPH-Gx				Batch	n ID: R5	477 Analyst: EM	
Gasoline	ND	5.82		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Gasoline Range Organics C6-C12	ND	5.82		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Surr: 1,2-Dichloroethane-d4	69.7	65-135		%REC	1	8/23/2012 10:37:00 AM	
Surr: Fluorobenzene	96.1	65-135		%REC	1	8/23/2012 10:37:00 AM	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	29 Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0698		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Chloromethane	ND	0.0698		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Vinyl chloride	ND	0.00233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Bromomethane	ND	0.105		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Trichlorofluoromethane (CFC-11)	ND	0.0582		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Chloroethane	ND	0.0698		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,1-Dichloroethene	ND	0.0582		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Methylene chloride	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Methyl tert-butyl ether (MTBE)	ND	0.0582		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,1-Dichloroethane	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
2,2-Dichloropropane	ND	0.0582		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
cis-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Chloroform	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,1,1-Trichloroethane (TCA)	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,1-Dichloropropene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Carbon tetrachloride	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,2-Dichloroethane (EDC)	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Benzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Trichloroethene (TCE)	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208108-013 Matrix: Soil Client Sample ID: GP-3-19 Malyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyses Batch ID: 3029 Analyses 1.2-Dichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10.37:00 AM Dibromonethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10.37:00 AM Dibromonethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10.37:00 AM Trans 1.3-Dichloropropene ND 0.0233 mg/Kg-dry 1 8/23/2012 10.37:00 AM 1.1_2-Trichioroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10.37:00 AM 1.2-Dichropropylene ND 0.0439 mg/Kg-dry 1 8/23/2012 10.37:00 AM 1.2-Dibromochhoromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10.37:00 AM 1.2-Dibromochoromethane ND </th <th>Client: PES Environmental, Inc.</th> <th colspan="7">Collection Date: 8/17/2012 8:35:00 AM</th>	Client: PES Environmental, Inc.	Collection Date: 8/17/2012 8:35:00 AM						
Lab ID: 1208108-013 Matrix: Soil Client Sample ID: GP-3-19 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analysi: EM 1.2-Dichloropropene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromodichloromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Ditromomethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Toluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.3-Dichloropropylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.3-Dichloropropylene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.3-Dichloropropene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.3-Dichloropropene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.2-Dibromoethane<(EDB)	Project: Former Pace Kirkland							
Client Sample ID: GP-3-19 Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromodichloromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromomethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM rans-1,3-Dichloropropene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Trichloropenpene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropenpane ND 0.0439 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Ditrionorethane ND 0.0439 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Ditrionorethane ND 0.0499 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dirbo	Lab ID: 1208108-013				Matrix: So	bil		
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromodichloromethane ND 0.0465 mg/Kg-dry 1 8/23/2012 10:37:00 AM Diromomethane ND 0.0465 mg/Kg-dry 1 8/23/2012 10:37:00 AM Tollene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Trans-1,3-Dichloropropene ND 0.0243 mg/Kg-dry 1 8/23/2012 10:37:00 AM T1.2-Trichloropropylene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1.2-Trichlorophrap ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1.2-Trichloromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1.2-Trichloromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1.2-Trichloromethane	Client Sample ID: GP-3-19							
Analyses Result RL Qual Drits Dr Date Analyze Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1,2-Dichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromodichloromethane ND 0.0243 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromomethane ND 0.02465 mg/Kg-dry 1 8/23/2012 10:37:00 AM Toluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Toluene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1.2-Trichlorophane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromoethane (EDB) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachoroethane ND		Desult		0	l lucito	DE	Data Analyzad	
Votatile Organic Compounds by EPA Method 8260 Bath D: 302 Anlys: EM 1-Dichloropropane ND 0.0233 mg/Kg-dry 1 82/32012 10.37:00 AM Bromodichloromethane ND 0.0233 mg/Kg-dry 1 82/32012 10.37:00 AM cls-1,3-Dichloropropene ND 0.0233 mg/Kg-dry 1 82/32012 10.37:00 AM trans-1,3-Dichloropropene ND 0.0233 mg/Kg-dry 1 82/32012 10.37:00 AM trans-1,3-Dichloropropene ND 0.0349 mg/Kg-dry 1 82/32012 10.37:00 AM 1,12-Trichloropropane ND 0.0349 mg/Kg-dry 1 82/32012 10.37:00 AM 1,12-Trichloropropane ND 0.0233 mg/Kg-dry 1 82/32012 10.37:00 AM 1,12-Trichloropropane ND 0.0233 mg/Kg-dry 1 82/32012 10.37:00 AM 1,12-Trichloroethane ND 0.0349 mg/Kg-dry 1 82/32012 10.37:00 AM 1,1,1,2-Tetrachloroethane ND	Analyses	Result	RL	Quai	Units	DF	Date Analyzed	
Volatile Organic Compounds by EPA Method 8260 Batch ID: 30.29 Analyst: EM 1,2-Dichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromodichloromethane ND 0.04233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromomethane ND 0.04233 mg/Kg-dry 1 8/23/2012 10:37:00 AM cis-1,3-Dichloropropene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Trans-1,3-Dichloropropene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Trichloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0382 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Trichloroethane ND 0.0333 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Trichloroethane ND 0.03682 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,					Data			
1.2-Dichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromodichloromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromomethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromomethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Toluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1.2-Trichtoroephane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-2-Tichtoroephane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-2-Tichtoroemtehane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromoethane (EDB) ND 0.00582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1.2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Np-Kyle	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM	
Bromodichloromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromomethane ND 0.0465 mg/Kg-dry 1 8/23/2012 10:37:00 AM Gis-1,3-Dichloropropene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Toluene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Trichloropropylene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0552 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropethane (EDB) ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1-2-Tiertachloroethane (EDB) ND 0.0682 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Tietrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Tietrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM </td <td>1,2-Dichloropropane</td> <td>ND</td> <td>0.0233</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 10:37:00 AM</td>	1,2-Dichloropropane	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Dibromomethane ND 0.0465 mg/Kg-dry 1 8/23/2012 10:37:00 AM cis-1,3-Dichloropropene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Toluene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Trichloropthane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloroptopane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropthane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Tetrachloroethane (EDE) ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromochlaromethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 0-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM	Bromodichloromethane	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
cis-1,3-Dichloropropene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Toluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM trans-1,3-Dichloropropylene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Trichloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Tetrachloroethane (PCE) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromoethane (EDB) ND 0.00349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM Ethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isop	Dibromomethane	ND	0.0465		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Toluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM trans-1,3-Dichloropropylene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromochloromethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromochlaromethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1-2-Tetrachloroethane (EDB) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM	cis-1,3-Dichloropropene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
trans-1,3-Dichloropropylene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Tetrachloroethene (PCE) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromochloromethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1.1_Tetrachloroethane (EDB) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1.2_Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM thylenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM c-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM c-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM st	Toluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,1,2-Trichloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Tetrachloroethene (PCE) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromochlaromethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromoethane (EDB) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM	trans-1,3-Dichloropropylene	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1.3-Dichloropropane ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Tetrachloroethene (PCE) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromochloromethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.2-Dibromoethane (EDB) ND 0.00582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Chlorobenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM In,1,2,2-Tetrachlo	1,1,2-Trichloroethane	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Tetrachloroethene (PCE) ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Dibromochloromethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.2-Dibromoethane (EDB) ND 0.00582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Chlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM m.h.x/stene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene </td <td>1,3-Dichloropropane</td> <td>ND</td> <td>0.0582</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 10:37:00 AM</td>	1,3-Dichloropropane	ND	0.0582		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Dibromochloromethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.2-Dibromoethane (EDB) ND 0.00582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Chlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1.1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n.Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbe	Tetrachloroethene (PCE)	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,2-Dibromoethane (EDB) ND 0.00582 mg/Kg-dry 1 8/23/2012 10:37:00 AM Chlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM Ethylbenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane	Dibromochloromethane	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Chlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM Ethylbenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene	1,2-Dibromoethane (EDB)	ND	0.00582		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,1,1,2-Tetrachloroethane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM Ethylbenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromoform ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichlorobuene	Chlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Ethylbenzene ND 0.0349 mg/kg-dry 1 8/23/2012 10:37:00 AM m,p-Xylene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM Styrene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM Bromoform ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Tricholropropane ND 0.0233 mg/kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trinchropopane ND	1,1,1,2-Tetrachloroethane	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
m,p-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0931 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromoform ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM gromobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichlorotopropane N	Ethylbenzene	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
o-Xylene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0931 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromoform ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzen	m,p-Xylene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Styrene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Isopropylbenzene ND 0.0931 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromoform ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobe	o-Xylene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Isopropylbenzene ND 0.0931 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromoform ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,	Styrene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Bromoform ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropopane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,	Isopropylbenzene	ND	0.0931		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,1,2,2-Tetrachloroethane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromobenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM sec-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM <td< td=""><td>Bromoform</td><td>ND</td><td>0.0233</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/23/2012 10:37:00 AM</td></td<>	Bromoform	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
n-Propylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM Bromobenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM tert-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM sec-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Iso	1,1,2,2-Tetrachloroethane	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
Bromobenzene ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3,5-Trimethylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM tert-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM sec-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Isopropyltoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-	n-Propylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,3,5-TrimethylbenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM2-ChlorotolueneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM4-ChlorotolueneND0.0233mg/Kg-dry18/23/2012 10:37:00 AMtert-ButylbenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2,3-TrichloropropaneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2,4-TrichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2,4-TrichlorobenzeneND0.0582mg/Kg-dry18/23/2012 10:37:00 AMsec-ButylbenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM4-IsopropyltolueneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,3-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-Dibromo-3-chloropropaneND0.0233mg/Kg-dry18/23/2	Bromobenzene	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
2-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM tert-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM sec-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Isopropyltoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1	1,3,5-Trimethylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
4-Chlorotoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM tert-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,3-Trichloropropane ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2,4-Trichlorobenzene ND 0.0582 mg/Kg-dry 1 8/23/2012 10:37:00 AM sec-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Isopropyltoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1	2-Chlorotoluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
tert-ButylbenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2,3-TrichloropropaneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2,4-TrichlorobenzeneND0.0582mg/Kg-dry18/23/2012 10:37:00 AMsec-ButylbenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM4-IsopropyltolueneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,3-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-Dibromo-3-chloropropaneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-Dibromo-3-chloropropaneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM	4-Chlorotoluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,2,3-TrichloropropaneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2,4-TrichlorobenzeneND0.0582mg/Kg-dry18/23/2012 10:37:00 AMsec-ButylbenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM4-IsopropyltolueneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,3-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-Dibromo-3-chloropropaneND0.0349mg/Kg-dry18/23/2012 10:37:00 AM	tert-Butylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,2,4-TrichlorobenzeneND0.0582mg/Kg-dry18/23/2012 10:37:00 AMsec-ButylbenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM4-IsopropyltolueneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,3-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,4-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-DichlorobenzeneND0.0233mg/Kg-dry18/23/2012 10:37:00 AM1,2-Dibromo-3-chloropropaneND0.0349mg/Kg-dry18/23/2012 10:37:00 AM	1,2,3-Trichloropropane	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
sec-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 4-Isopropyltoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromo-3-chloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM	1,2,4-Trichlorobenzene	ND	0.0582		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
4-Isopropyltoluene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromo-3-chloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM	sec-Butylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,3-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromo-3-chloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM	4-Isopropyltoluene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,4-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM n-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromo-3-chloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM	1,3-Dichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
n-Butylbenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromo-3-chloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM	1,4-Dichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,2-Dichlorobenzene ND 0.0233 mg/Kg-dry 1 8/23/2012 10:37:00 AM 1,2-Dibromo-3-chloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM	n-Butylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
1,2-Dibromo-3-chloropropane ND 0.0349 mg/Kg-dry 1 8/23/2012 10:37:00 AM	1,2-Dichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM	
	1,2-Dibromo-3-chloropropane	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 8:35:00 AM									
Project: Former Pace Kirkland										
Lab ID: 1208108-013		Matrix: Soil								
Client Sample ID: GP-3-19										
Analyses	Result	RL	Qual	Units	Date Analyzed					
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	ו ID: ג	3029 Analyst: EM				
1,2,4-Trimethylbenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM				
Hexachlorobutadiene	ND	0.116		mg/Kg-dry	1	8/23/2012 10:37:00 AM				
Naphthalene	ND	0.0349		mg/Kg-dry	1	8/23/2012 10:37:00 AM				
1,2,3-Trichlorobenzene	ND	0.0233		mg/Kg-dry	1	8/23/2012 10:37:00 AM				
Surr: 1-Bromo-4-fluorobenzene	91.6	63.1-141		%REC	1	8/23/2012 10:37:00 AM				
Surr: Dibromofluoromethane	95.9	67.6-119		%REC	1	8/23/2012 10:37:00 AM				
Surr: Toluene-d8	100	78.5-126		%REC	1	8/23/2012 10:37:00 AM				
Sample Moisture (Percent Moist	<u>ure)</u>			Batch	ו ID: I	R5402 Analyst: SC				
Percent Moisture	20.4			wt%	1	8/21/2012 1:05:09 PM				

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	c. Collection Date: 8/17/2012 9:45:00 AM						
Lab ID: 1208108-016				Matrix: Sc	bil		
Client Sample ID: GP-14-3 Analyses	Result	RL	Qual	Units DF		Date	Analyzed
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	ו ID: ג	3009	Analyst: BR
Diesel (Fuel Oil)	ND	20.2		mg/Kg-dry	1	8/22/201	2 12:11:00 AM
Diesel Range Organics (C12-C24)	ND	20.2		mg/Kg-dry	1	8/22/201	2 12:11:00 AM
Heavy Oil	ND	50.6		mg/Kg-dry	1	8/22/201	2 12:11:00 AM
Surr: 2-Fluorobiphenyl	84.9	50-150		%REC	1	8/22/201	2 12:11:00 AM
Surr: o-Terphenyl	82.7	50-150		%REC	1	8/22/201	2 12:11:00 AM
Gasoline by NWTPH-Gx				Batch	ו ID: I	R5477	Analyst: EM
Gasoline	ND	5.09		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Gasoline Range Organics C6-C12	ND	5.09		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Surr: 1,2-Dichloroethane-d4	71.0	65-135		%REC	1	8/23/201	2 11:09:00 AM
Surr: Fluorobenzene	97.8	65-135		%REC	1	8/23/201	2 11:09:00 AM
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	ו ID: ג	3029	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0610		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Chloromethane	ND	0.0610		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Vinyl chloride	ND	0.00203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Bromomethane	ND	0.0915		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0509		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Chloroethane	ND	0.0610		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
1,1-Dichloroethene	ND	0.0509		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Methylene chloride	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
trans-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0509		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
1,1-Dichloroethane	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
2,2-Dichloropropane	ND	0.0509		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
cis-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Chloroform	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
1,1-Dichloropropene	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Carbon tetrachloride	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
1,2-Dichloroethane (EDC)	ND	0.0305		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Benzene	ND	0.0203		mg/Kg-dry	1	8/23/201	2 11:09:00 AM
Trichloroethene (TCE)	ND	0.0305		mg/Kg-dry	1	8/23/201	2 11:09:00 AM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	ironmental, Inc. Collection Date: 8/17/2012 9:45:00 AM						
Project: Former Pace Kirkland							
Lab ID: 1208108-016				Matrix: So	bil		
Client Sample ID: GP-14-3							
	Desult		0	11	DE	Data Analyzad	
Analyses	Result	RL	Quai	Units	DF	Date Analyzed	
					15 0000		
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM	
1,2-Dichloropropane	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Bromodichloromethane	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Dibromomethane	ND	0.0407		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
cis-1,3-Dichloropropene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Toluene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
trans-1,3-Dichloropropylene	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,1,2-Trichloroethane	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,3-Dichloropropane	ND	0.0509		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Tetrachloroethene (PCE)	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Dibromochloromethane	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,2-Dibromoethane (EDB)	ND	0.00509		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Chlorobenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,1,1,2-Tetrachloroethane	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Ethylbenzene	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
m,p-Xylene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
o-Xylene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Styrene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
lsopropylbenzene	ND	0.0814		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Bromoform	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,1,2,2-Tetrachloroethane	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
n-Propylbenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
Bromobenzene	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,3,5-Trimethylbenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
2-Chlorotoluene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
4-Chlorotoluene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
tert-Butylbenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,2,3-Trichloropropane	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,2,4-Trichlorobenzene	ND	0.0509		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
sec-Butylbenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
4-Isopropyltoluene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,3-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,4-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
n-Butylbenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,2-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM	
1,2-Dibromo-3-chloropropane	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 9:45:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208108-016				Matrix: So	bil	
Client Sample ID: GP-14-3						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 302	29 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM
Hexachlorobutadiene	ND	0.102		mg/Kg-dry	1	8/23/2012 11:09:00 AM
Naphthalene	ND	0.0305		mg/Kg-dry	1	8/23/2012 11:09:00 AM
1,2,3-Trichlorobenzene	ND	0.0203		mg/Kg-dry	1	8/23/2012 11:09:00 AM
Surr: 1-Bromo-4-fluorobenzene	94.5	63.1-141		%REC	1	8/23/2012 11:09:00 AM
Surr: Dibromofluoromethane	95.2	67.6-119		%REC	1	8/23/2012 11:09:00 AM
Surr: Toluene-d8	98.3	78.5-126		%REC	1	8/23/2012 11:09:00 AM
Sample Moisture (Percent Moist	ure)			Batch	n ID: R5	402 Analyst: SC
Percent Moisture	5.63			wt%	1	8/21/2012 1:05:09 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: Yatrik: Soil Client Sample ID: GP-14-12.5 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 3009 Analysts: BR Diesel Range Organics (C12-C24) ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Surr: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Surr: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline by NWTPH-GX Batch 107 50-150 %REC 1 8/22/2012 12:39:00 AM Surr: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Surr: 0-Terphenyl 117 50-150 %REC 1 8/22/2012 12:39:00 AM Surr: 1-Diorobenzene ND 5.77 mg/Kg-dry 1 8/22/2012 11:41:00 AM Surr: 1-Diorobenzene ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00	Client: PES Environmental, Inc.	Collection Date: 8/17/2012 9:55:00 AM								
Lab ID: 1208108-018 Matrix: Soil Client Sample ID: GP-14-12.5 Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 3009 Analyst: BR Diesel Fange Organics (C12-C24) ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Diesel Range Organics (C12-C24) ND 56.8 mg/Kg-dry 1 8/22/2012 12:39:00 AM Sur: o-Terphenyl 86.4 60-150 % REC 1 8/22/2012 12:39:00 AM Sur: o-Terphenyl 86.4 60-150 % REC 1 8/22/2012 12:39:00 AM Gasoline Bange Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Sur: 1,2-Dichorobentane-44 72.1 65-135 % REC 1 8/23/2012 11:41:00 AM Sur: Fluorobenzene 101 65-137 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Project: Former Pace Kirkland									
Client Sample ID: GP-14-12.3 Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 3009 Analysi: BR Diesel (Fuel Oil) ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Diesel (Fuel Oil) ND 25.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Heavy Oil ND 55.8 mg/Kg-dry 1 8/22/2012 12:39:00 AM Sur: 2-Huorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Sur: 2-Fuorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline by NWTPH-GX Batch ID: R5477 Analyst: EM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Sur: 1.2-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Sur: Fluorobenzene ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane ND 0.0692 mg/Kg-dry	Lab ID: 1208108-018	Matrix: Soil								
Analyses Result RL Qual Units DF Date Analyzed Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 3009 Analyst: BR Diesel Range Organics (C12-C24) ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Heavy Oil ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Str:: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Sur:: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Sur:: 0-Terphenyl 117 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline By NWTPH-Gx Batch ID: R5477 Analyst: EM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Sur:: 1,2-Dichlorodethane-04 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Sur:: 1,2-Dichlorodethane-04 ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane ND 0.0692 mg/Kg-dry<	Client Sample ID: GP-14-12.5									
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 3009 Analyst: BR Diesel (Fuel Oil) ND 22.3 mg/kg-dry 1 8/22/2012 12:39:00 AM Diesel Range Organics (C12-C24) ND 22.3 mg/kg-dry 1 8/22/2012 12:39:00 AM Heavy Oil ND 55.8 mg/kg-dry 1 8/22/2012 12:39:00 AM Surr: o-Terphenyl 117 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline by NWTPH-Gx Batch ID: R5477 Analyst: EM Gasoline Range Organics C6-C12 ND 5.77 mg/kg-dry 1 8/23/2012 11:41:00 AM Surr: 1.2-Dichlorodehane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Surr: 1.2-Dichlorodehane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichlorodifluoromethane ND 0.0692 mg/kg-dry 1 8/23/2012 11:41:00 AM Vind chioride ND 0.0692 mg/kg-dry 1 8/23/2012 1	Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext. Batch ID: 3009 Analyst: BR Diesel (Fuel Oil) ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Diesel Range Organics (C12-C24) ND 55.8 mg/Kg-dry 1 8/22/2012 12:39:00 AM Sur: 2-Fluorobiphenyl 86 50-150 %REC 1 8/22/2012 12:39:00 AM Sur: 2-Fluorobiphenyl 86 50-150 %REC 1 8/22/2012 12:39:00 AM Sur: 2-Fluorobiphenyl 86 50-150 %REC 1 8/22/2012 12:39:00 AM Sur: 2-Fluorobiphenyl 816 50-750 %REC 1 8/22/2012 12:39:00 AM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/22/2012 11:41:00 AM Sur: 1,2-Dichloroethnane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Sur: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Chloromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Viny chloride <										
Diesel (Fuel Oli) ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Diesel Range Organics (C12-C24) ND 22.3 mg/Kg-dry 1 8/22/2012 12:39:00 AM Heavy Oil ND 55.8 mg/Kg-dry 1 8/22/2012 12:39:00 AM Stur: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Sur: 0-Terphenyl 117 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline ND 5.77 mg/Kg-dry 1 8/22/2012 11:41:00 AM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Sur: 1,2-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Sur: Fluorobenzene 101 66-135 %REC 1 8/23/2012 11:41:00 AM Chloromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Strommethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chlorometh	Diesel and Heavy Oil by NWTPH-E	0x/Dx Ext.			Batch	n ID: 3009	Analyst: BR			
Diesel Range Organics (C12-C24) ND 22.3 mg/Kg-dry 1 8/2/2012 12:39:00 AM Heavy Oil ND 55.8 mg/Kg-dry 1 8/2/2012 12:39:00 AM Surr: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/2/2012 12:39:00 AM Surr: 2-Fluorobiphenyl 117 50-150 %REC 1 8/2/2012 12:39:00 AM Gasoline by NWTPH-Gx Batch ID: R5477 Analyst: EM 8/22/2012 12:39:00 AM Gasoline by NWTPH-Gx Batch ID: R5477 Analyst: EM Gasoline companies C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Chloromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane (CFC-11) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane (CFC-11) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM <td>Diesel (Fuel Oil)</td> <td>ND</td> <td>22.3</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/22/2012 12:39:00 AM</td>	Diesel (Fuel Oil)	ND	22.3		mg/Kg-dry	1	8/22/2012 12:39:00 AM			
Heavy Oil ND 55.8 mg/Kg-dry 1 8/2/2012 12:39:00 AM Surr: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/2/2012 12:39:00 AM Surr: o-Terphenyl 117 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline by NWTPH-Gx Batch ID: R547 Analyst: EM Gasoline casoline by NWTPH-Gx Batch ID: 8/23/2012 11:41:00 AM Surr: 12-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 302 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Surr: richorodifuoromethane ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane ND 0.0692 mg/Kg-dry 1	Diesel Range Organics (C12-C24)	ND	22.3		mg/Kg-dry	1	8/22/2012 12:39:00 AM			
Surr: 2-Fluorobiphenyl 86.4 50-150 %REC 1 8/22/2012 12:39:00 AM Surr: o-Terphenyl 117 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline by NWTPH-Gx Batch ID: R5477 Analyst: EM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Surr: 12-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.0692 m	Heavy Oil	ND	55.8		mg/Kg-dry	1	8/22/2012 12:39:00 AM			
Surr: o-Terphenyl 117 50-150 %REC 1 8/22/2012 12:39:00 AM Gasoline by NWTPH-Gx Batch ID: R5477 Analyst: EM Gasoline ange Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Sur: 1.2-Dichloroethane-04 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Sur: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Stromethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Lichloroethane ND 0.0577	Surr: 2-Fluorobiphenyl	86.4	50-150		%REC	1	8/22/2012 12:39:00 AM			
Gasoline by NWTPH-Gx Batch ID: R5477 Analyst: EM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Sur: 1.2-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Sur: 1.2-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Volatile Organics Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Sromethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Viny chloride ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichorofluoromethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichorofluoromethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1.1-Dichloroethane ND 0.0231 mg/	Surr: o-Terphenyl	117	50-150		%REC	1	8/22/2012 12:39:00 AM			
Gasoline ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Gasoline Range Organics C6-C12 ND 5.77 mg/Kg-dry 1 8/23/2012 11:41:00 AM Surr: 1.2-Dichloroethane-04 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyt chloride ND 0.00692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene	Gasoline by NWTPH-Gx				Batch	ו ID: R547	77 Analyst: EM			
Gasoline Range Organics C6-C12 ND 5.77 mg/kg-dry 1 8/23/2012 11/11/100 AM Surr: 1,2-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11/11/100 AM Surr: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11/11/100 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/kg-dry 1 8/23/2012 11/14/100 AM Viol chloride ND 0.0692 mg/kg-dry 1 8/23/2012 11/14/100 AM Bromomethane ND 0.0692 mg/kg-dry 1 8/23/2012 11/14/100 AM Bromomethane ND 0.00231 mg/kg-dry 1 8/23/2012 11/41:00 AM Chloroethane ND 0.0577 mg/kg-dry 1 8/23/2012 11/41:00 AM 1,1-Dichloroethene ND 0.0577 mg/kg-dry 1 8/23/2012 11/41:00 AM 1,1-Dichloroethene ND	Gasoline	ND	5 77		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Surr. 1,2-Dichloroethane-d4 72.1 65-135 %REC 1 8/23/2012 11:41:00 AM Surr. Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.104 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene	Gasoline Range Organics C6-C12	ND	5 77		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Surr: Fluorobenzene 101 65-135 %REC 1 8/23/2012 11:41:00 AM Yolatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.104 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND	Surr: 1 2-Dichloroethane-d4	72 1	65-135		%RFC	1	8/23/2012 11:41:00 AM			
Volatile Organic Compounds by EPA Method 8260 Bath Ib: 3029 Analysi: EM Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane <t< td=""><td>Surr: Fluorobenzene</td><td>101</td><td>65-135</td><td></td><td>%REC</td><td>1</td><td>8/23/2012 11:41:00 AM</td></t<>	Surr: Fluorobenzene	101	65-135		%REC	1	8/23/2012 11:41:00 AM			
Dichlorodifluoromethane (CFC-12) ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloromethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.104 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM ftrans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM ftrans-1,2-Dichloroethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	וD: 3029 ו	Analyst: EM			
Chloromethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM Vinyl chloride ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.104 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Irans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methyl tert-butyl ether (MTBE) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropthane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Dichlorodifluoromethane (CFC-12)	ND	0.0692		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Vinyl chloride ND 0.00231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Bromomethane ND 0.104 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Itrans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methyl tert-butyl ether (MTBE) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 2,2-Dichloropropane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Chloromethane	ND	0.0692		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Bromomethane ND 0.104 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM trans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM frans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 2,2-Dichloroptopane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Vinvl chloride	ND	0.00231		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Trichlorofluoromethane (CFC-11) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM trans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methyl tert-butyl ether (MTBE) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 2,2-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM chloroform ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Bromomethane	ND	0.104		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Chloroethane ND 0.0692 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM trans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methyl tert-butyl ether (MTBE) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 2,2-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM chloroform ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Trichlorofluoromethane (CFC-11)	ND	0.0577		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
1,1-Dichloroethene ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methylene chloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM trans-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Methyl tert-butyl ether (MTBE) ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloroethane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM 2,2-Dichloropropane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethane (TCA) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00	Chloroethane	ND	0.0692		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Methylene chlorideND0.0231mg/Kg-dry18/23/2012 11:41:00 AMtrans-1,2-DichloroetheneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMMethyl tert-butyl ether (MTBE)ND0.0577mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloroethaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM2,2-DichloropropaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMcis-1,2-DichloroethaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMcis-1,2-DichloroetheneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMChloroformND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-Trichloroethane (TCA)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloropropaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloropropeneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-DichloropropeneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (EDC)ND0.0346mg/Kg-dry18/23/2012 11:41:00 AMBenzeneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMTrichloroethene (TCE)ND0.0346mg/Kg-dry18/23/2012 11:41:00 AM	1.1-Dichloroethene	ND	0.0577		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
trans-1,2-DichloroetheneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMMethyl tert-butyl ether (MTBE)ND0.0577mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloroethaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM2,2-DichloropropaneND0.0577mg/Kg-dry18/23/2012 11:41:00 AMcis-1,2-DichloroetheneND0.0577mg/Kg-dry18/23/2012 11:41:00 AMchloroformND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1,1-Trichloroethane (TCA)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloropropaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-Dichloroethane (TCA)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloropropeneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (EDC)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (EDC)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AMBenzeneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMTrichloroethene (TCE)ND0.0346mg/Kg-dry18/23/2012 11:41:00 AM	Methylene chloride	ND	0.0231		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Methyl tert-butyl ether (MTBE)ND0.0577mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloroethaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM2,2-DichloropropaneND0.0577mg/Kg-dry18/23/2012 11:41:00 AMcis-1,2-DichloroetheneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMChloroformND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-Trichloroethane (TCA)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloropropaneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloropropeneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (EDC)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (TCE)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM	trans-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,1-Dichloroethane ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 2,2-Dichloropropane ND 0.0577 mg/Kg-dry 1 8/23/2012 11:41:00 AM cis-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroform ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroform ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,2-Dichloroethane (EDC) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Methyl tert-butyl ether (MTBE)	ND	0.0577		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
2,2-DichloropropaneND0.0577mg/Kg-dry18/23/2012 11:41:00 AMcis-1,2-DichloroetheneND0.0231mg/Kg-dry18/23/2012 11:41:00 AMChloroformND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1,1-Trichloroethane (TCA)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,1-DichloropropeneND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (EDC)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (TCE)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (EDC)ND0.0231mg/Kg-dry18/23/2012 11:41:00 AM1,2-Dichloroethane (TCE)ND0.0346mg/Kg-dry18/23/2012 11:41:00 AM	1,1-Dichloroethane	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
cis-1,2-Dichloroethene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Chloroform ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Carbon tetrachloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,2-Dichloroethane (EDC) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethane (EDC) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM	2.2-Dichloropropane	ND	0.0577		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Chloroform ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1,1-Trichloroethane (TCA) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Carbon tetrachloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,2-Dichloroethane (EDC) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM	cis-1.2-Dichloroethene	ND	0.0231		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
1,1,1-Trichloroethane (TCA) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Carbon tetrachloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,2-Dichloroethane (EDC) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Chloroform	ND	0.0231		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
1,1-Dichloropropene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Carbon tetrachloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,2-Dichloroethane (EDC) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM	1.1.1-Trichloroethane (TCA)	ND	0.0231		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Carbon tetrachloride ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM 1,2-Dichloroethane (EDC) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM	1.1-Dichloropropene	ND	0.0231		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
1,2-Dichloroethane (EDC) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM	Carbon tetrachloride	ND	0.0231		mg/Ka-drv	1	8/23/2012 11:41:00 AM			
Benzene ND 0.0231 mg/Kg-dry 1 8/23/2012 11:41:00 AM Trichloroethene (TCE) ND 0.0346 mg/Kg-dry 1 8/23/2012 11:41:00 AM	1.2-Dichloroethane (EDC)	ND	0.0346		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
Trichloroethene (TCE) ND 0.0346 mg/kg dry 1 8/23/2012 11:41:00 AM	Benzene	ND	0.0231		ma/Ka-drv	1	8/23/2012 11:41:00 AM			
	Trichloroethene (TCE)	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.		Collection Date: 8/17/2012 9:55:00 AM							
Project: Former Pace Kirkland									
Lab ID: 1208108-018				Matrix: So	bil				
Client Sample ID: GP-14-12.5									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
				Data					
Volatile Organic Compounds by E	PA Method	8260		Batch	1 ID: 3029	Analyst: EM			
1,2-Dichloropropane	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Bromodichloromethane	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Dibromomethane	ND	0.0462		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
cis-1,3-Dichloropropene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Toluene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
trans-1,3-Dichloropropylene	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,1,2-Trichloroethane	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,3-Dichloropropane	ND	0.0577		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Tetrachloroethene (PCE)	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Dibromochloromethane	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,2-Dibromoethane (EDB)	ND	0.00577		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Chlorobenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,1,1,2-Tetrachloroethane	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Ethylbenzene	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
m,p-Xylene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
o-Xylene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Styrene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Isopropylbenzene	ND	0.0923		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Bromoform	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,1,2,2-Tetrachloroethane	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
n-Propylbenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
Bromobenzene	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,3,5-Trimethylbenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
2-Chlorotoluene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
4-Chlorotoluene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
tert-Butylbenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,2,3-Trichloropropane	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,2,4-Trichlorobenzene	ND	0.0577		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
sec-Butylbenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
4-Isopropyltoluene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,3-Dichlorobenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM			
1,4-Dichlorobenzene	ND	0.0231		mg/Kg-drv	1	8/23/2012 11:41:00 AM			
n-Butylbenzene	ND	0.0231		mg/Kq-drv	1	8/23/2012 11:41:00 AM			
1,2-Dichlorobenzene	ND	0.0231		mg/Kg-drv	1	8/23/2012 11:41:00 AM			
1,2-Dibromo-3-chloropropane	ND	0.0346		mg/Kg-drv	1	8/23/2012 11:41:00 AM			
				0 0 7					

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

RL Reporting Limit

J

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 9:55:00 AM					
Project: Former Pace Kirkland						
Lab ID: 1208108-018				Matrix: Sc	oil	
Client Sample ID: GP-14-12.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	29 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM
Hexachlorobutadiene	ND	0.115		mg/Kg-dry	1	8/23/2012 11:41:00 AM
Naphthalene	ND	0.0346		mg/Kg-dry	1	8/23/2012 11:41:00 AM
1,2,3-Trichlorobenzene	ND	0.0231		mg/Kg-dry	1	8/23/2012 11:41:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.4	63.1-141		%REC	1	8/23/2012 11:41:00 AM
Surr: Dibromofluoromethane	93.9	67.6-119		%REC	1	8/23/2012 11:41:00 AM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/23/2012 11:41:00 AM
Sample Moisture (Percent Moistu	<u>ure)</u>			Batch	n ID: R5	402 Analyst: SC
Percent Moisture	16.9			wt%	1	8/21/2012 1:05:09 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.		Collection Date: 8/17/2012 11:05:00 AM						
Project: Former Pace Kirkland								
Lab ID: 1208108-021				Matrix: So	bil			
Client Sample ID: GP-8-7								
Analyses	Rosult	RI	Qual	Units	DE	Date Analyzed		
	Result		Quui	Onita	ы	Date Analyzed		
Volatile Organic Compounds by E	PA Method	8260		Batch	n ID: 3091	Analyst: EM		
Dichlorodifluoromethane (CFC-12)	ND	0.0601		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Chloromethane	ND	0.0601		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Vinyl chloride	ND	0.00200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Bromomethane	ND	0.0901		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Trichlorofluoromethane (CFC-11)	ND	0.0501		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Chloroethane	ND	0.0601		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,1-Dichloroethene	ND	0.0501		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Methylene chloride	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Methyl tert-butyl ether (MTBE)	ND	0.0501		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,1-Dichloroethane	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
2,2-Dichloropropane	ND	0.0501		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Chloroform	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,1,1-Trichloroethane (TCA)	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,1-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Carbon tetrachloride	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,2-Dichloroethane (EDC)	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Benzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Trichloroethene (TCE)	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,2-Dichloropropane	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Bromodichloromethane	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Dibromomethane	ND	0.0401		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
cis-1,3-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Toluene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
trans-1,3-Dichloropropylene	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,1,2-Trichloroethane	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,3-Dichloropropane	ND	0.0501		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Dibromochloromethane	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,2-Dibromoethane (EDB)	ND	0.00501		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Chlorobenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
1,1,1,2-Tetrachloroethane	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
Ethylbenzene	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM		
m,p-Xylene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 11:05:00 AM						
Project: Former Pace Kirkland							
I ab ID: 1208108-021				Matrix: Sc	, iI		
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Client Sample ID: GP-8-7							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by E	PA Method	8260		Batch	ו ID:	3091 Analyst: EM	
o-Xylene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
Styrene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
Isopropylbenzene	ND	0.0801		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
Bromoform	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,1,2,2-Tetrachloroethane	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
n-Propylbenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
Bromobenzene	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,3,5-Trimethylbenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
2-Chlorotoluene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
4-Chlorotoluene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
tert-Butylbenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,2,3-Trichloropropane	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,2,4-Trichlorobenzene	ND	0.0501		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
sec-Butylbenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
4-Isopropyltoluene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,3-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,4-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
n-Butylbenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,2-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,2-Dibromo-3-chloropropane	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,2,4-Trimethylbenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
Hexachlorobutadiene	ND	0.100		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
Naphthalene	ND	0.0300		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
1,2,3-Trichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/30/2012 3:21:00 PM	
Surr: 1-Bromo-4-fluorobenzene	104	63.1-141		%REC	1	8/30/2012 3:21:00 PM	
Surr: Dibromofluoromethane	94.8	67.6-119		%REC	1	8/30/2012 3:21:00 PM	
Surr: Toluene-d8	104	78.5-126		%REC	1	8/30/2012 3:21:00 PM	
Sample Moisture (Percent Moistur	<u>e)</u>			Batch	ו ID:	R5536 Analyst: MC	
Percent Moisture	5.82			wt%	1	8/30/2012 12:25:04 PM	

Qualifiers: B

- B Analyte detected in the associated Method BlankE Value above quantitation range
- J Analyte detected below quantitation limits
- RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 11:10:00 AM									
Project: Former Pace Kirkland										
I ab ID: 1208108-022		Matrix: Soil								
Client Sample ID: GP-8-10										
Analyses	Result	RL	Qual	Units	DF	Date Analyzed				
Diesel and Heavy Oil by NWTPH-I	Dx/Dx Ext.			Batch	n ID: 3009	Analyst: BR				
Diesel (Fuel Oil)	ND	21.3		ma/Ka-drv	1	8/22/2012 1:07:00 AM				
Diesel Range Organics (C12-C24)	ND	21.3		ma/Ka-drv	1	8/22/2012 1:07:00 AM				
Heavy Oil	ND	53.2		ma/Ka-drv	1	8/22/2012 1:07:00 AM				
Surr: 2-Fluorobiphenvl	86.4	50-150		%REC	1	8/22/2012 1:07:00 AM				
Surr: o-Terphenyl	82.6	50-150		%REC	1	8/22/2012 1:07:00 AM				
Gasoline by NWTPH-Gx				Batch	1 ID: R547	7 Analyst: EM				
Gasoline	ND	5.58		ma/Ka-drv	1	8/23/2012 12:12:00 PM				
Gasoline Range Organics C6-C12	ND	5.58		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Surr: 1.2-Dichloroethane-d4	73.0	65-135		%REC	1	8/23/2012 12:12:00 PM				
Surr: Fluorobenzene	99.0	65-135		%REC	1	8/23/2012 12:12:00 PM				
Volatile Organic Compounds by E	EPA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM				
Dichlorodifluoromethane (CFC-12)	ND	0.0670		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Chloromethane	ND	0.0670		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Vinyl chloride	ND	0.00223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Bromomethane	ND	0.101		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Trichlorofluoromethane (CFC-11)	ND	0.0558		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Chloroethane	ND	0.0670		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
1,1-Dichloroethene	ND	0.0558		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Methylene chloride	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
trans-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Methyl tert-butyl ether (MTBE)	ND	0.0558		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
1,1-Dichloroethane	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
2,2-Dichloropropane	ND	0.0558		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
cis-1,2-Dichloroethene	0.0251	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Chloroform	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
1,1,1-Trichloroethane (TCA)	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
1,1-Dichloropropene	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Carbon tetrachloride	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
1,2-Dichloroethane (EDC)	ND	0.0335		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Benzene	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM				
Trichloroethene (TCE)	ND	0.0335		mg/Kg-dry	1	8/23/2012 12:12:00 PM				

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland Lab ID: 1208108-022 Matrix: Soil Client Sample ID: GP-8-10 Analyses Result RL Qual Units DF Date Analyz	:ed
Lab ID: 1208108-022Matrix: SoilClient Sample ID: GP-8-10AnalysesResultRLQualUnitsDFDate Analyzes	:ed
Client Sample ID: GP-8-10 Analyses Result RL Qual Units DF Date Analyz	ed
Analyses Result RL Qual Units DF Date Analyse	ed
Analyses Result RL Qual Units DF Date Analys	ea
Valatile Operation Company do has FRA Mathead 0000 Rotability 2020 Applyst	
Volatile Organic Compounds by EPA Method 8260 Batchild. 5029 Analyst	
1,2-Dichloropropane ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Bromodichloromethane ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Dibromomethane ND 0.0447 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
cis-1,3-Dichloropropene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Toluene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
trans-1,3-Dichloropropylene ND 0.0335 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,1,2-Trichloroethane ND 0.0335 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,3-Dichloropropane ND 0.0558 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Tetrachloroethene (PCE) ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Dibromochloromethane ND 0.0335 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,2-Dibromoethane (EDB) ND 0.00558 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Chlorobenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,1,1,2-Tetrachloroethane ND 0.0335 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Ethylbenzene ND 0.0335 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
m,p-Xylene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
o-Xylene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Styrene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Isopropylbenzene ND 0.0893 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Bromoform ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,1,2,2-Tetrachloroethane ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
n-Propylbenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
Bromobenzene ND 0.0335 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,3,5-Trimethylbenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
2-Chlorotoluene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
4-Chlorotoluene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
tert-Butylbenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,2,3-Trichloropropane ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,2,4-Trichlorobenzene ND 0.0558 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
sec-Butylbenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
4-Isopropyltoluene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,3-Dichlorobenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,4-Dichlorobenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
n-Butylbenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,2-Dichlorobenzene ND 0.0223 mg/Kg-dry 1 8/23/2012 12:12:	00 PM
1,2-Dibromo-3-chloropropane ND 0.0335 mg/Kg-dry 1 8/23/2012 12:12:	00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 11:10:00 AN					
Project: Former Pace Kirkland						
Lab ID: 1208108-022				Matrix: Sc	bil	
Client Sample ID: GP-8-10						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	29 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM
Hexachlorobutadiene	ND	0.112		mg/Kg-dry	1	8/23/2012 12:12:00 PM
Naphthalene	ND	0.0335		mg/Kg-dry	1	8/23/2012 12:12:00 PM
1,2,3-Trichlorobenzene	ND	0.0223		mg/Kg-dry	1	8/23/2012 12:12:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.0	63.1-141		%REC	1	8/23/2012 12:12:00 PM
Surr: Dibromofluoromethane	93.3	67.6-119		%REC	1	8/23/2012 12:12:00 PM
Surr: Toluene-d8	98.7	78.5-126		%REC	1	8/23/2012 12:12:00 PM
Sample Moisture (Percent Moistu	<u>ire)</u>			Batch	n ID: R5	402 Analyst: SC
Percent Moisture	13.1			wt%	1	8/21/2012 1:05:09 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208108-023 Matrix: Soil Client Sample ID: GP-8-15 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 309 Analyse: EM Dichlorodfiluoromethane (CFC-12) ND 0.0612 mg/kg-dry 1 8/30/2012 6:05:00 PM Stromomethane ND 0.00204 mg/kg-dry 1 8/30/2012 6:05:00 PM Bromomethane ND 0.00510 mg/kg-dry 1 8/30/2012 6:05:00 PM Trichlorofluoromethane (CFC-11) ND 0.0610 mg/kg-dry 1 8/30/2012 6:05:00 PM Trichlorofluoromethane ND 0.0610 mg/kg-dry 1 8/30/2012 6:05:00 PM 1,1-Dichloroethane ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM 1,1-Dichloroethane ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM 2,2-Dichloropropane ND 0.0204 mg/kg-dry	Client: PES Environmental, Inc.	Collection Date: 8/17/2012 11:15:00 AM							
Lab ID: 1208108-023 Matrix: Soil Client Sample ID: GP-8-15 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 309 Analyst: EM Dichtorodifluoromethane (CFC-12) ND 0.0612 mg/Kg-dry 1 8/30/2012.6/05.00 PM Vink othorde ND 0.00204 mg/Kg-dry 1 8/30/2012.6/05.00 PM Trichtorodifluoromethane (CFC-11) ND 0.0612 mg/Kg-dry 1 8/30/2012.6/05.00 PM Chioromethane ND 0.0610 mg/Kg-dry 1 8/30/2012.6/05.00 PM Chioroethane ND 0.0610 mg/Kg-dry 1 8/30/2012.6/05.00 PM Chioroethane ND 0.0204 mg/Kg-dry 1 8/30/2012.6/05.00 PM Chioroethane ND 0.0204 mg/Kg-dry 1 8/30/2012.6/05.00 PM Methylene chioride ND 0.0204 mg/Kg-dry 1 8/30/2012.6/05.00 PM 1.1-Dichioroethane <t< th=""><th>Project: Former Pace Kirkland</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Project: Former Pace Kirkland								
Client Sample ID: GP-8-15 Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3091 Analyst: EM Dichlorodifluoromethane (CFC-12) ND 0.0612 mg/Kg-dry 1 8/30/2012 6.05:00 PM Ving chioride ND 0.0612 mg/Kg-dry 1 8/30/2012 6.05:00 PM Trichlorodifluoromethane (CFC-12) ND 0.0612 mg/Kg-dry 1 8/30/2012 6.05:00 PM Trichlorodifuoromethane (CFC-11) ND 0.0612 mg/Kg-dry 1 8/30/2012 6.05:00 PM Chioroethane ND 0.0612 mg/Kg-dry 1 8/30/2012 6.05:00 PM 11-Dichloroethane ND 0.0510 mg/Kg-dry 1 8/30/2012 6.05:00 PM 11-Dichloroethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6.05:00 PM 11-Dichloroethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6.05:00 PM 11-Dichloroethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6.05:00 PM 11-	Lab ID: 1208108-023				Matrix: So	bil			
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3091 Analyse: EM Dichlorodifluoromethane (CFC-12) ND 0.0612 mg/Kg-dry 1 8/30/2012 6.05.00 PM Chloromethane ND 0.0612 mg/Kg-dry 1 8/30/2012 6.05.00 PM Bromomethane ND 0.00510 mg/Kg-dry 1 8/30/2012 6.05.00 PM Trichlorofluoromethane (CFC-11) ND 0.0510 mg/Kg-dry 1 8/30/2012 6.05.00 PM Trichlorofluoromethane (CFC-11) ND 0.0510 mg/Kg-dry 1 8/30/2012 6.05.00 PM Trichlorofluoromethane (CFC-11) ND 0.0510 mg/Kg-dry 1 8/30/2012 6.05.00 PM Trichloroethene ND 0.0204 mg/Kg-dry 1 8/30/2012 6.05.00 PM Methylene chloride ND 0.0204 mg/Kg-dry 1 8/30/2012 6.05.00 PM 1.1-Dichloroethene ND 0.0204 mg/Kg-dry 1 8/30/2012 6.05.00 PM 1.1.1-Tr	Client Sample ID: GP-8-15								
Analyses Result Rel un Rel un Online Dr Date Analyseu Volatile Organic Compounds by EPA Method 8260 Batch ID: 3091 Analyst: EM Dichlorodfluoromethane (CFC-12) ND 0.0612 mg/Kg-dry 1 8/30/2012 6:05:00 PM Viny chloride ND 0.0012 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichlorofluoromethane ND 0.0019 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichlorofluoromethane (CFC-11) ND 0.0612 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichlorofluoromethane (CFC-11) ND 0.0612 mg/Kg-dry 1 8/30/2012 6:05:00 PM Thichlorotethene ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Methylet-blue other (MTBE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1.1-Dichloroethene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1.1-Dichloroethene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM <		Pocult	Ы	Qual	Unite	DE	Data Analyzad		
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1,1,1-Trichloroethane (TCA) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Carbon tetrachloride ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloroethane (EDC) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Benzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichloroethane (TCE) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichloroethane (TCE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Bromodichloromethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM <t< td=""><td>Chloroform</td><td>ND</td><td>0.0204</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/30/2012 6:05:00 PM</td></t<>	Chloroform	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
1,1-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Carbon tetrachloride ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloroethane (EDC) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Benzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichloroethene (TCE) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Bromodichloromethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane <td>1,1,1-Trichloroethane (TCA)</td> <td>ND</td> <td>0.0204</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/30/2012 6:05:00 PM</td>	1,1,1-Trichloroethane (TCA)	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Carbon tetrachloride ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloroethane (EDC) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Benzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichloroethene (TCE) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Bromodichloromethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM <t< td=""><td>1,1-Dichloropropene</td><td>ND</td><td>0.0204</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/30/2012 6:05:00 PM</td></t<>	1,1-Dichloropropene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
1,2-Dichloroethane (EDC) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Benzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichloroethene (TCE) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Bromodichloromethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Di	Carbon tetrachloride	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Benzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Trichloroethene (TCE) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Bromodichloromethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0408 mg/Kg-dry 1 8/30/2012 6:05:00 PM cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloroethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoc	1,2-Dichloroethane (EDC)	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Trichloroethene (TCE) ND 0.0306 mg/kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dichloropropane ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM Bromodichloromethane ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0408 mg/kg-dry 1 8/30/2012 6:05:00 PM cis-1,3-Dichloropropene ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0306 mg/kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0204 mg/kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromochloromethane ND 0.0306 mg/kg-dry 1 8/30/2012 6:05:00 PM	Benzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
1,2-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Bromodichloromethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0408 mg/Kg-dry 1 8/30/2012 6:05:00 PM cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (PCE) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM	Trichloroethene (TCE)	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Bromodichloromethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromomethane ND 0.0408 mg/Kg-dry 1 8/30/2012 6:05:00 PM cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Tetrachloroethene (PCE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM	1,2-Dichloropropane	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Dibromomethane ND 0.0408 mg/Kg-dry 1 8/30/2012 6:05:00 PM cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromochloromethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM <tr< td=""><td>Bromodichloromethane</td><td>ND</td><td>0.0204</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/30/2012 6:05:00 PM</td></tr<>	Bromodichloromethane	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
cis-1,3-Dichloropropene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromochloromethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM </td <td>Dibromomethane</td> <td>ND</td> <td>0.0408</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/30/2012 6:05:00 PM</td>	Dibromomethane	ND	0.0408		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Toluene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Tetrachloroethene (PCE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM	cis-1,3-Dichloropropene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
trans-1,3-Dichloropropylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Tetrachloroethene (PCE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromochloromethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM </td <td>Toluene</td> <td>ND</td> <td>0.0204</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/30/2012 6:05:00 PM</td>	Toluene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
1,1,2-Trichloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Tetrachloroethene (PCE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromochloromethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Chlorobenzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	trans-1,3-Dichloropropylene	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
1,3-Dichloropropane ND 0.0510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Tetrachloroethene (PCE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromochloromethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Chlorobenzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM	1,1,2-Trichloroethane	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Tetrachloroethene (PCE) ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM Dibromochloromethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Chlorobenzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	1,3-Dichloropropane	ND	0.0510		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Dibromochloromethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Chlorobenzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	Tetrachloroethene (PCE)	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
1,2-Dibromoethane (EDB) ND 0.00510 mg/Kg-dry 1 8/30/2012 6:05:00 PM Chlorobenzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	Dibromochloromethane	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Chlorobenzene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM 1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	1,2-Dibromoethane (EDB)	ND	0.00510		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
1,1,1,2-Tetrachloroethane ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	Chlorobenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
Ethylbenzene ND 0.0306 mg/Kg-dry 1 8/30/2012 6:05:00 PM m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	1,1,1,2-Tetrachloroethane	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
m,p-Xylene ND 0.0204 mg/Kg-dry 1 8/30/2012 6:05:00 PM	Ethylbenzene	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM		
• • ·	m,p-Xylene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 11:15:00 AM						
Project: Former Pace Kirkland Lab ID: 1208108-023				Matrix: So	bil		
Client Sample ID: GP-8-15							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	ו ID: 30	91 Analyst: EM	
o-Xylene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
Styrene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
Isopropylbenzene	ND	0.0816		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
Bromoform	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,1,2,2-Tetrachloroethane	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
n-Propylbenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
Bromobenzene	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,3,5-Trimethylbenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
2-Chlorotoluene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
4-Chlorotoluene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
tert-Butylbenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,2,3-Trichloropropane	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,2,4-Trichlorobenzene	ND	0.0510		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
sec-Butylbenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
4-Isopropyltoluene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,3-Dichlorobenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,4-Dichlorobenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
n-Butylbenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,2-Dichlorobenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,2-Dibromo-3-chloropropane	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,2,4-Trimethylbenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
Hexachlorobutadiene	ND	0.102		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
Naphthalene	ND	0.0306		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
1,2,3-Trichlorobenzene	ND	0.0204		mg/Kg-dry	1	8/30/2012 6:05:00 PM	
Surr: 1-Bromo-4-fluorobenzene	104	63.1-141		%REC	1	8/30/2012 6:05:00 PM	
Surr: Dibromofluoromethane	96.1	67.6-119		%REC	1	8/30/2012 6:05:00 PM	
Surr: Toluene-d8	103	78.5-126		%REC	1	8/30/2012 6:05:00 PM	
Sample Moisture (Percent Moistur	<u>re)</u>			Batch	n ID: R5	536 Analyst: MC	
Percent Moisture	12.3			wt%	1	8/30/2012 12:25:04 PM	

В

Е

J

RL Reporting Limit

Qualifiers:

12.

Analyte detected in the associated Method Blank

Analyte detected below quantitation limits

Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit


WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc. Collection Date: 8/17/2012 11:30:00 Al							
Project: Former Pace Kirkland							
I ab ID: 1208108-024				Matrix: Sc	,il		
Client Sample ID: GP-8-24							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 3009	Analyst: BR	
Diesel (Fuel Oil)	ND	23.7		ma/Ka-drv	1	8/22/2012 1:34:00 AM	
Diesel Range Organics (C12-C24)	ND	23.7		ma/Ka-dry	1	8/22/2012 1:34:00 AM	
Heavy Oil	ND	59.3		ma/Ka-drv	1	8/22/2012 1:34:00 AM	
Surr: 2-Fluorobiphenvl	86.3	50-150		%REC	1	8/22/2012 1:34:00 AM	
Surr: o-Terphenyl	83.2	50-150		%REC	1	8/22/2012 1:34:00 AM	
Gasoline by NWTPH-Gx				Batch	n ID: R547	77 Analyst: EM	
Gasoline	ND	4.38		ma/Ka-drv	1	8/23/2012 12:43:00 PM	
Gasoline Range Organics C6-C12	ND	4.38		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Surr: 1.2-Dichloroethane-d4	75.2	65-135		%REC	1	8/23/2012 12:43:00 PM	
Surr: Fluorobenzene	99.4	65-135		%REC	1	8/23/2012 12:43:00 PM	
Volatile Organic Compounds by I	EPA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.0526		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Chloromethane	ND	0.0526		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Vinyl chloride	ND	0.00175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Bromomethane	ND	0.0789		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Trichlorofluoromethane (CFC-11)	ND	0.0438		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Chloroethane	ND	0.0526		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
1,1-Dichloroethene	ND	0.0438		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Methylene chloride	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
trans-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Methyl tert-butyl ether (MTBE)	ND	0.0438		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
1,1-Dichloroethane	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
2,2-Dichloropropane	ND	0.0438		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
cis-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Chloroform	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
1,1,1-Trichloroethane (TCA)	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
1,1-Dichloropropene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Carbon tetrachloride	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
1,2-Dichloroethane (EDC)	ND	0.0263		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Benzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM	
Trichloroethene (TCE)	ND	0.0263		mg/Kg-dry	1	8/23/2012 12:43:00 PM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208108-024 Matrix: Soil Client Sample ID: GP-8-24 Malyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyse: EM 1.2-Dichioropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromonethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromonethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromonethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Totuene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichioropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichioropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromochloromethane ND 0.0175 mg/Kg-dry 1 8/	Client: PES Environmental, Inc.		Collection Date: 8/17/2012 11:30:00 AM						
Lab ID: 1208108-024 Matrix: Soil Client Sample ID: GP-8-24 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.00438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane	Project: Former Pace Kirkland								
Client Sample ID: GP-8-261 Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichlorogropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM rans.13-Dichlorogropene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM rans.13-Dichloropropene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0283 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0483 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0475 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromoethane (FDB) ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM L2-Dibro	Lab ID: 1208108-024				Matrix: So	bil			
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Tollene ND 0.0283 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0283 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromothioromethane ND 0.0283 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0283 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.1.2-Tetrachloroethane ND	Client Sample ID: GP-8-24					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Anaryses Result RC Qual Onits DP Date Anarysed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Taluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM trans.13-Dichloropropiene ND 0.0283 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropiene ND 0.0283 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropiene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropiene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropiene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.1.2-Tretrechloroethane (EDB)		Beault	ום	Qual	Unito	DE	Data Analyzad		
Volatile Organic Compounds by EPA Method 8260 Bath D: 302 Analys: EM 1Dickinoropropane ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM Bronocinchiane ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM cis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM trans-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM 1,12-Trichloroptopene ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM 1,13-Dichloropropane ND 0.0263 mg/Kg-dry 1 82/32012 12:43:00 PM 1,3-Dichloropropane ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM 1,3-Dichloropropane ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM 1,12-Ditromochlane (EDB) ND 0.00438 mg/Kg-dry 1 82/32012 12:43:00 PM 1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 82/32012 12:43:00 PM 1,12-Ditromochane		Result	KL	Quai	Units	DF	Date Analyzeu		
Volatile Organic Compounds by EPA Method S260 Data (Mil) S029 Analysi, EW 1,2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Cis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM T,1,2-Trichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Trichloroethane (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2,1-Tetrachloroethane	Valatila Ormania Oamananda ku 5		0000		Dotol	2020	Applyat: EM		
1,2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Biromodichloromethane ND 0.0351 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Toluene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1.2-Tichlorophane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Tichloromethane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tichtrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tictrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM	Volatile Organic Compounds by E	PA Method	8260		Datci	TID. 3029	Analyst. EW		
Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromomethane ND 0.0351 mg/Kg-dry 1 8/23/2012 12:43:00 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dioromethane (EDB) ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2-Tretachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2-Tretachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2-Tretachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM	1,2-Dichloropropane	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
Dibromomethane ND 0.0351 mg/Kg-dry 1 8/23/2012 12:43:00 PM cis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM trans-1,3-Dichloropropene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1-2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Tetrachloroethane (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM thyberszne ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM	Bromodichloromethane	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
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Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2-Trichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1.2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 0.Xjene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 0.Xjene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Styrene <td>cis-1,3-Dichloropropene</td> <td>ND</td> <td>0.0175</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 12:43:00 PM</td>	cis-1,3-Dichloropropene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Tetrachloroethene (PCE) ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Chloroberzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM L1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM L1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM	Toluene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,1,2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Tetrachloroethane (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromoethane (EDB) ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM	trans-1,3-Dichloropropylene	ND	0.0263		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Tetrachloroethene (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Chlorobenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM stopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n,-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n,-Propylbenzen	1,1,2-Trichloroethane	ND	0.0263		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
Tetrachloroethene (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM L1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Ethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n.Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3,5-Trimethylbenz	1,3-Dichloropropane	ND	0.0438		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1.2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM thryburszene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n.Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n.Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2,2-Tetrachloroethane	Tetrachloroethene (PCE)	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1.2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 12:43:00 PM Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Ethylbenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromoform ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Int_1,2_2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.1,2_2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1.3,5-Trimethylbenzene	Dibromochloromethane	ND	0.0263		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Ethylbenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromoform ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 2-Chlorotoluene	1,2-Dibromoethane (EDB)	ND	0.00438		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM Ethylbenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromoform ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2,3-Trimethylbenzene	Chlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
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Styrene ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM Isopropylbenzene ND 0.0701 mg/kg-dry 1 8/23/2012 12:43:00 PM Bromoform ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM n-Propylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM Bromobenzene ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM 1,3,5-Trimethylbenzene ND 0.0263 mg/kg-dry 1 8/23/2012 12:43:00 PM 2-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM 4-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM 1,2,3-Trichloropopane ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/kg-dry 1 8/23/2012 12:43:00 PM 1,2,4-Trichloroben	o-Xylene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
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Bromoform ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM Bromobenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 2-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 4-lsopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dic	Isopropylbenzene	ND	0.0701		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
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tert-ButylbenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2,3-TrichloropropaneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2,4-TrichlorobenzeneND0.0438mg/Kg-dry18/23/2012 12:43:00 PMsec-ButylbenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM4-IsopropyltolueneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,3-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,4-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,4-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-Dibromo-3-chloropropaneND0.0263mg/Kg-dry18/23/2012 12:43:00 PM	4-Chlorotoluene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
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1,2,4-TrichlorobenzeneND0.0438mg/Kg-dry18/23/2012 12:43:00 PMsec-ButylbenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM4-IsopropyltolueneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,3-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,4-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PMn-ButylbenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 12:43:00 PM1,2-Dibromo-3-chloropropaneND0.0263mg/Kg-dry18/23/2012 12:43:00 PM	1,2,3-Trichloropropane	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
sec-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM	1,2,4-Trichlorobenzene	ND	0.0438		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM	sec-Butylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM	4-Isopropyltoluene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM	1,3-Dichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM	1,4-Dichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 12:43:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM	n-Butylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 12:43:00 PM	1,2-Dichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
	1,2-Dibromo-3-chloropropane	ND	0.0263		mg/Kg-dry	1	8/23/2012 12:43:00 PM		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 11:30:00 AM							
Project: Former Pace Kirkland								
Lab ID: 1208108-024	Matrix: Soil							
Client Sample ID: GP-8-24								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	ו ID:	3029 Analyst: EM		
1,2,4-Trimethylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
Hexachlorobutadiene	ND	0.0876		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
Naphthalene	ND	0.0263		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
1,2,3-Trichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 12:43:00 PM		
Surr: 1-Bromo-4-fluorobenzene	96.6	63.1-141		%REC	1	8/23/2012 12:43:00 PM		
Surr: Dibromofluoromethane	97.3	67.6-119		%REC	1	8/23/2012 12:43:00 PM		
Surr: Toluene-d8	101	78.5-126		%REC	1	8/23/2012 12:43:00 PM		
Sample Moisture (Percent Moiste	ure)			Batch	ו ID:	R5402 Analyst: SC		
Percent Moisture	20.5			wt%	1	8/21/2012 1:05:09 PM		

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc. Collection Date: 8/17/2012 12:25:00						
Project: Former Pace Kirkland						
Lab ID: 1208108-026				Matrix: So	bil	
Client Sample ID: GP-5-7						
	Pocult	DI	Qual	Unite	DE	Data Analyzad
Analyses	Result	KL	Quai	Units	DF	Date Analyzeu
Diesel and Heavy Oil by NWTPH-	Dx/Dx Ext.			Batch	n ID: 3009	Analyst: BR
Diagol (Eucl Oil)		20.0		ma/Ka day	1	8/22/2012 2·02·00 AM
Diesel Range Organics (C12 C24)		20.9		mg/Kg-dry	1	8/22/2012 2:02:00 AM
Honw Oil		20.9		mg/Kg-dry	1	8/22/2012 2:02:00 AM
Surr: 2 Elucrobioboov	ND 85.7	50 150			1	8/22/2012 2:02:00 AM
Surr: o-Ternbenyl	81.8	50-150		%REC	1	8/22/2012 2:02:00 AM
Sun of replicity	01.0	50-150				0/22/2012 2.02.00 AM
Gasoline by NWTPH-Gx				Batch	1D: R547	77 Analyst: EM
Gasoline	ND	4.38		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Gasoline Range Organics C6-C12	ND	4.38		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Surr: 1,2-Dichloroethane-d4	70.4	65-135		%REC	1	8/23/2012 1:15:00 PM
Surr: Fluorobenzene	98.3	65-135		%REC	1	8/23/2012 1:15:00 PM
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0526		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Chloromethane	ND	0.0526		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Vinyl chloride	ND	0.00175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Bromomethane	ND	0.0788		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0438		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Chloroethane	ND	0.0526		mg/Kg-dry	1	8/23/2012 1:15:00 PM
1,1-Dichloroethene	ND	0.0438		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Methylene chloride	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
trans-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0438		mg/Kg-dry	1	8/23/2012 1:15:00 PM
1,1-Dichloroethane	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
2,2-Dichloropropane	ND	0.0438		mg/Kg-dry	1	8/23/2012 1:15:00 PM
cis-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Chloroform	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
1,1-Dichloropropene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM
Carbon tetrachloride	ND	0.0175		mg/Kg-drv	1	8/23/2012 1:15:00 PM
1,2-Dichloroethane (EDC)	ND	0.0263		mg/Kg-drv	1	8/23/2012 1:15:00 PM
Benzene	ND	0.0175		mg/Kg-drv	1	8/23/2012 1:15:00 PM
Trichloroethene (TCE)	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208108-026 Matrix: Soil Client Sample ID: GP-57 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyse: EM 1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM Totuene ND 0.0263 mg/Kg-dry 1 8/23/2012 11:500 PM 1.1.2-Trichlorophane ND 0.0263 mg/Kg-dry 1 8/23/2012 11:500 PM 1.2-Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 11:500 PM 1.1.2-Trichloroethane ND 0.00438 mg/Kg-dry 1 8/2	Client: PES Environmental, Inc.		Collection Date: 8/17/2012 12:25:00 PM							
Lab ID: 1208108-026 Matrix: Soil Client Sample ID: GP-5-7 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 11:500 PM 1.3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 11:500 PM 1.3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 11:500 PM 1.3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 11:500 PM 1.3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 11:500 PM 1.3-Dichloropropane ND	Project: Former Pace Kirkland									
Client Sample ID: GP-5-7 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 12-Dichioropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Bromodichioronethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Tans.13-Dichloropropene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1.3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1.3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromoc	Lab ID: 1208108-026				Matrix: So	bil				
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Tause: ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Tause: ND 0.0263 mg/Kg-dry 1 8/23/2012 115:00 PM 1.3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 115:00 PM Dibromochiomethane ND 0.0438 mg/Kg-dry 1 8/23/2012 11:5:00 PM Dibromochiomethane (EDB) ND 0.0438 mg/Kg-dry 1 8/23/2012 11:5:00 PM 1.1.1.2-Tichachloroethane ND 0.0175	Client Sample ID: GP-5-7					211				
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3029 Analyst: EM 1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM 1.3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 115:00 PM 1.3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 115:00 PM 1.3-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM 1.3-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 115:00 PM 1.3-Dichloropropane ND 0.0175		Desself		0	11	DF				
Volatile Organic Compounds by EPA Method 8260 Batch D: 302 Analyst: EM 1,2-Dichloropropane ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM cis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM trans-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM trans-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM trans-1,3-Dichloropropane ND 0.0263 mg/Kg-dry 1 82/3/2012 1:15:00 PM 1,12-Trichloroethane ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM 1,12-Trichloroethane ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM 1,12-Tichloroethane ND 0.0263 mg/Kg-dry 1 82/3/2012 1:15:00 PM 1,12-Trichloroethane ND 0.0175 mg/Kg-dry 1 82/3/2012 1:15:00 PM 1,14_2-Tetrachlo	Analyses	Result	RL	Quai	Units	DF	Date Analyzed			
Volatile Organic Compounds by EPA Method 8260 Eatch ID: 3029 Analyst: EM 1,2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Cis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Tale-n ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM T,1.2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM T,1.2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM Testachloroethane (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.1.2-Tetrachloroethane ND					Data					
1.2-Dichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromomethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.2-Trichloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.2-Trichtoroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.1.2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM	Volatile Organic Compounds by E	PA Method	8260		Batch	n id: 3029	Analyst: EM			
Bromodichloromethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromomethane ND 0.0350 mg/Kg-dry 1 8/23/2012 1:15:00 PM Gis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropylene ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropethane (EDB) ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dioromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2-Diretrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00	1,2-Dichloropropane	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
Dibromomethane ND 0.0350 mg/Kg-dry 1 8/23/2012 1:15:00 PM cis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloroptpane ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloroptpane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1.12-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,1.2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 0-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM	Bromodichloromethane	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
cis-1,3-Dichloropropene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Toluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2-Tichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM Tetrachoroethene (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,1.2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2.Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM m.p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM l	Dibromomethane	ND	0.0350		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
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trans-1,3-Dichloropropylene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM Tetrachloroethene (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Chlorobenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,12-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM c-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM c-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM lscorophybenzene	Toluene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,1,2-Trichloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM Tetrachloroethene (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromoethane (EDB) ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM tthybenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM storomoform	trans-1,3-Dichloropropylene	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,3-Dichloropropane ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM Tetrachloroethene (PCE) ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1.2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1.1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1.1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 0Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM stypere ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM stypere ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene	1,1,2-Trichloroethane	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
Tetrachloroethene (PCE) ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Dibromochloromethane ND 0.0283 mg/kg-dry 1 8/23/2012 1:15:00 PM 1.2-Dibromoethane (EDB) ND 0.00438 mg/kg-dry 1 8/23/2012 1:15:00 PM Chlorobenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1.1,1,2-Tetrachloroethane ND 0.0263 mg/kg-dry 1 8/23/2012 1:15:00 PM Ethylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM o-Xylene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM styrene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1.1,2.2-Tetracholoroethane </td <td>1,3-Dichloropropane</td> <td>ND</td> <td>0.0438</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 1:15:00 PM</td>	1,3-Dichloropropane	ND	0.0438		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
Dibromochloromethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromoethane (EDB) ND 0.00438 mg/Kg-dry 1 8/23/2012 1:15:00 PM Chlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM Ethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM lsopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM lsopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM lsopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n.Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,2-Tetrachloroethane	Tetrachloroethene (PCE)	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
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1,1,1,2-Tetrachloroethane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM Ethylbenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM skypene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n.Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n.Strimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3.5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2.3-Trichlorobuene	Chlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
Ethylbenzene ND 0.0263 mg/kg-dry 1 8/23/2012 1:15:00 PM m,p-Xylene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM o-Xylene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Styrene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Bromoform ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,1,2,2-T etrachloroethane ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND <td>1,1,1,2-Tetrachloroethane</td> <td>ND</td> <td>0.0263</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/23/2012 1:15:00 PM</td>	1,1,1,2-Tetrachloroethane	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
m,p-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Bromoform ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Bromobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND	Ethylbenzene	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
o-Xylene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Styrene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0701 mg/Kg-dry 1 8/23/2012 1:15:00 PM Bromoform ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene <td< td=""><td>m,p-Xylene</td><td>ND</td><td>0.0175</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/23/2012 1:15:00 PM</td></td<>	m,p-Xylene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
Styrene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Isopropylbenzene ND 0.0701 mg/kg-dry 1 8/23/2012 1:15:00 PM Bromoform ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Bromobenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0263 mg/kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropopane ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene	o-Xylene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
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Bromoform ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,1,2,2-Tetrachloroethane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Bromobenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-lsopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzen	Isopropylbenzene	ND	0.0701		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,1,2,2-Tetrachloroethane ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM n-Propylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM Bromobenzene ND 0.0263 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 4-chlorotoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 4-lsopropyltoluene ND 0.0175 mg/kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichloro	Bromoform	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
n-Propylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM Bromobenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM sec-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene<	1,1,2,2-Tetrachloroethane	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
Bromobenzene ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3,5-Trimethylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 2-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM tert-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM sec-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichloroben	n-Propylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,3,5-TrimethylbenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM2-ChlorotolueneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM4-ChlorotolueneND0.0175mg/Kg-dry18/23/2012 1:15:00 PMtert-ButylbenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2,3-TrichloropropaneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2,4-TrichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2,4-TrichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,3-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM4-IsopropyltolueneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,3-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,4-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,4-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-Dibromo-3-chloropropaneND0.0263mg/Kg-dry18/23/2012 1:15:00 P	Bromobenzene	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
2-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM tert-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-bichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM <	1,3,5-Trimethylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
4-Chlorotoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM tert-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM sec-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/20	2-Chlorotoluene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
tert-ButylbenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2,3-TrichloropropaneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2,4-TrichlorobenzeneND0.0438mg/Kg-dry18/23/2012 1:15:00 PMsec-ButylbenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM4-IsopropyltolueneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,3-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,4-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,4-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-DichlorobenzeneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-Dibromo-3-chloropropaneND0.0175mg/Kg-dry18/23/2012 1:15:00 PM1,2-Dibromo-3-chloropropaneND0.0263mg/Kg-dry18/23/2012 1:15:00 PM	4-Chlorotoluene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,2,3-Trichloropropane ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2,4-Trichlorobenzene ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM sec-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	tert-Butylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,2,4-Trichlorobenzene ND 0.0438 mg/Kg-dry 1 8/23/2012 1:15:00 PM sec-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	1,2,3-Trichloropropane	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
sec-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	1,2,4-Trichlorobenzene	ND	0.0438		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
4-Isopropyltoluene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	sec-Butylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,3-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	4-Isopropyltoluene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,4-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	1,3-Dichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
n-Butylbenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	1,4-Dichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,2-Dichlorobenzene ND 0.0175 mg/Kg-dry 1 8/23/2012 1:15:00 PM 1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	n-Butylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
1,2-Dibromo-3-chloropropane ND 0.0263 mg/Kg-dry 1 8/23/2012 1:15:00 PM	1,2-Dichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM			
	1,2-Dibromo-3-chloropropane	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 12:25:00 PM							
Project: Former Pace Kirkland								
Lab ID: 1208108-026	Matrix: Soil							
Client Sample ID: GP-5-7								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30)29 Analyst: EM		
1,2,4-Trimethylbenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM		
Hexachlorobutadiene	ND	0.0876		mg/Kg-dry	1	8/23/2012 1:15:00 PM		
Naphthalene	ND	0.0263		mg/Kg-dry	1	8/23/2012 1:15:00 PM		
1,2,3-Trichlorobenzene	ND	0.0175		mg/Kg-dry	1	8/23/2012 1:15:00 PM		
Surr: 1-Bromo-4-fluorobenzene	98.1	63.1-141		%REC	1	8/23/2012 1:15:00 PM		
Surr: Dibromofluoromethane	92.2	67.6-119		%REC	1	8/23/2012 1:15:00 PM		
Surr: Toluene-d8	102	78.5-126		%REC	1	8/23/2012 1:15:00 PM		
Sample Moisture (Percent Moist	ure)			Batch	ו ID: R	5402 Analyst: SC		
Percent Moisture	11.1			wt%	1	8/21/2012 1:05:09 PM		

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Inc. Collection Date: 8/17/2012 12:45:00 PM						
Project: Former Pace Kirkland							
I ab ID : 1208108-028				Matrix: Sc	il		
Client Sample ID: GB 5 18							
			•				
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Diesel and Heavy Oil by NWTPH	-Dx/Dx Ext.			Batch	n ID: 3009	Analyst: BR	
Diesel (Fuel Oil)	ND	22.9		ma/Ka-dry	1	8/22/2012 2:30:00 AM	
Diesel Range Organics (C12-C24)	ND	22.9		ma/Ka-drv	1	8/22/2012 2:30:00 AM	
Heavy Oil	ND	57.2		ma/Ka-drv	1	8/22/2012 2:30:00 AM	
Surr: 2-Fluorobiphenyl	86.2	50-150		%RFC	1	8/22/2012 2:30:00 AM	
Surr: o-Terphenyl	81.9	50-150		%REC	1	8/22/2012 2:30:00 AM	
Gasoline by NWTPH-Gx				Batch	1 ID: R547	7 Analyst: EM	
Gasoline	ND	9 34		ma/Ka-drv	1	8/23/2012 1·47·00 PM	
Gasoline Range Organics C6-C12	ND	9.34		ma/Ka-dry	1	8/23/2012 1:47:00 PM	
Surr: 1 2-Dichloroethane-d4	69.4	65-135		%REC	1	8/23/2012 1:47:00 PM	
Surr: Fluorobenzene	97.6	65-135		%REC	1	8/23/2012 1:47:00 PM	
	07.0	00 100		JUNE O	•	0/20/2012 1.47.00 T M	
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM	
Dichlorodifluoromethane (CFC-12)	ND	0.112		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Chloromethane	ND	0.112		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Vinyl chloride	ND	0.00374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Bromomethane	ND	0.168		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Trichlorofluoromethane (CFC-11)	ND	0.0934		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Chloroethane	ND	0.112		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,1-Dichloroethene	ND	0.0934		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Methylene chloride	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
trans-1,2-Dichloroethene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Methyl tert-butyl ether (MTBE)	ND	0.0934		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,1-Dichloroethane	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
2,2-Dichloropropane	ND	0.0934		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
cis-1,2-Dichloroethene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Chloroform	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,1,1-Trichloroethane (TCA)	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,1-Dichloropropene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Carbon tetrachloride	ND	0.0374		mg/Kq-drv	1	8/23/2012 1:47:00 PM	
1,2-Dichloroethane (EDC)	ND	0.0560		mg/Ka-drv	1	8/23/2012 1:47:00 PM	
Benzene	ND	0.0374		mg/Ka-drv	1	8/23/2012 1:47:00 PM	
Trichloroethene (TCE)	ND	0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.		Collection Date: 8/17/2012 12:45:00 PM					
Project: Former Pace Kirkland							
I ab ID : 1208108-028				Matrix: Sc	hil		
Client Sample ID: GP-5-18					211		
	Descrit		0	11	DE	Data Analyzard	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Volatile Organic Compounds by E	PA Method	8260		Batch	n ID: 3029	Analyst: EM	
<u> </u>							
1,2-Dichloropropane	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Bromodichloromethane	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Dibromomethane	ND	0.0747		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
cis-1,3-Dichloropropene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Toluene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
trans-1,3-Dichloropropylene	ND	0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,1,2-Trichloroethane	ND	0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,3-Dichloropropane	ND	0.0934		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Tetrachloroethene (PCE)	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Dibromochloromethane	ND	0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,2-Dibromoethane (EDB)	ND	0.00934		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Chlorobenzene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1,1,1,2-Tetrachloroethane	ND	0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Ethylbenzene	ND	0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
m,p-Xylene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
o-Xylene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Styrene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Isopropylbenzene	ND	0.149		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
Bromoform	ND	0.0374		ma/Ka-drv	1	8/23/2012 1:47:00 PM	
1.1.2.2-Tetrachloroethane	ND	0.0374		ma/Ka-drv	1	8/23/2012 1:47:00 PM	
n-Propylbenzene	ND	0.0374		ma/Ka-drv	1	8/23/2012 1:47:00 PM	
Bromobenzene	ND	0.0560		ma/Ka-drv	1	8/23/2012 1:47:00 PM	
1.3.5-Trimethylbenzene	ND	0.0374		ma/Ka-drv	1	8/23/2012 1:47:00 PM	
2-Chlorotoluene	ND	0 0374		ma/Ka-drv	1	8/23/2012 1·47·00 PM	
4-Chlorotoluene	ND	0 0374		ma/Ka-drv	1	8/23/2012 1·47·00 PM	
tert-Butylbenzene	ND	0.0374		ma/Ka-drv	1	8/23/2012 1:47:00 PM	
1 2 3-Trichloropropane	ND	0.0374		ma/Ka-drv	1	8/23/2012 1:47:00 PM	
1 2 4-Trichlorobenzene	ND	0.0934		ma/Ka-dry	1	8/23/2012 1:47:00 PM	
sec-Butylbenzene	ND	0.0374		ma/Ka-dry	1	8/23/2012 1:47:00 PM	
4-Isopropyltoluene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1 3-Dichlorobenzene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
1 4-Dichlorobenzene		0.0374		ma/Ka-dry	1	8/23/2012 1:47:00 PM	
n-Butylbenzene		0.0374		ma/Ka-dry	1	8/23/2012 1:47:00 PM	
1 2-Dichlorobenzene		0.0374		ma/Ka-dry	1	8/23/2012 1:47:00 PM	
1.2-Dibromo-3-chloropropane		0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM	
,∠-Distonio-5-chioropropane	NU	0.0000		mg/ixg-ury	1	012012012 1.41.00 FIVI	

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 12:45:00 PM							
Project: Former Pace Kirkland								
Lab ID: 1208108-028	Matrix: Soil							
Client Sample ID: GP-5-18								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM		
1,2,4-Trimethylbenzene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM		
Hexachlorobutadiene	ND	0.187		mg/Kg-dry	1	8/23/2012 1:47:00 PM		
Naphthalene	ND	0.0560		mg/Kg-dry	1	8/23/2012 1:47:00 PM		
1,2,3-Trichlorobenzene	ND	0.0374		mg/Kg-dry	1	8/23/2012 1:47:00 PM		
Surr: 1-Bromo-4-fluorobenzene	96.2	63.1-141		%REC	1	8/23/2012 1:47:00 PM		
Surr: Dibromofluoromethane	93.9	67.6-119		%REC	1	8/23/2012 1:47:00 PM		
Surr: Toluene-d8	104	78.5-126		%REC	1	8/23/2012 1:47:00 PM		
Sample Moisture (Percent Moist	ure)			Batch	n ID: R540	02 Analyst: SC		
Percent Moisture	21.4			wt%	1	8/21/2012 1:05:09 PM		

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc. Project: Former Pace Kirkland	al, Inc. Collection Date: 8/17/2012 1:10:00							
Lab ID: 1208108-029				Matrix: So	bil			
Client Sample ID: GP-10-2.5 Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Diesel and Heavy Oil by NWTPH-I	Dx/Dx Ext.			Batch	n ID: 308	88 Analyst: BR		
Diesel (Fuel Oil)	ND	18.7		mg/Kg-dry	1	8/31/2012 2:41:00 AM		
Diesel Range Organics (C12-C24)	ND	18.7		mg/Kg-dry	1	8/31/2012 2:41:00 AM		
Heavy Oil	ND	46.7		mg/Kg-dry	1	8/31/2012 2:41:00 AM		
Surr: 2-Fluorobiphenyl	115	50-150		%REC	1	8/31/2012 2:41:00 AM		
Surr: o-Terphenyl	111	50-150		%REC	1	8/31/2012 2:41:00 AM		
Gasoline by NWTPH-Gx				Batch	n ID: 31:	30 Analyst: EM		
Gasoline	ND	4 05	н	ma/Ka-drv	1	9/5/2012 11:32:00 AM		
Gasoline Range Organics C6-C12	ND	4 05	н	ma/Ka-drv	1	9/5/2012 11:32:00 AM		
Surr: 1 2-Dichloroethane-d4	97.6	65-135	н	%RFC	1	9/5/2012 11:32:00 AM		
Surr: Fluorobenzene	97.5	65-135	Н	%REC	1	9/5/2012 11:32:00 AM		
Volatile Organic Compounds by E	EPA Method	<u>8260</u>		Batch	n ID: 309	91 Analyst: EM		
Dichlorodifluoromethane (CFC-12)	ND	0.0578		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
Chloromethane	ND	0.0578		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
Vinvl chloride	ND	0.00193		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
Bromomethane	ND	0.0866		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
Trichlorofluoromethane (CEC-11)	ND	0.0481		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
Chloroethane	ND	0.0578		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
1 1-Dichloroethene	ND	0.0481		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
Methylene chloride	ND	0.0193		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
trans-1 2-Dichloroethene	ND	0.0193		ma/Ka-drv	1	8/30/2012 6:38:00 PM		
Methyl tert-butyl ether (MTBF)	ND	0.0481		ma/Ka-dry	1	8/30/2012 6:38:00 PM		
1 1-Dichloroethane	ND	0.0193		ma/Ka-dry	1	8/30/2012 6:38:00 PM		
2 2-Dichloropropane	ND	0.0481		ma/Ka-dry	1	8/30/2012 6:38:00 PM		
cis-1 2-Dichloroethene	ND	0.0193		ma/Ka-dry	1	8/30/2012 6·38·00 PM		
Chloroform	ND	0.0193		ma/Ka-dry	1	8/30/2012 6:38:00 PM		
1 1 1-Trichloroethane (TCA)	ND	0.0103		ma/Ka-dry	1	8/30/2012 6:38:00 PM		
1 1-Dichloropropene		0.0103		ma/Ka_dry	1	8/30/2012 6:38:00 PM		
Carbon tetrachloride		0.0100		mg/Kg-dry	1	8/30/2012 6·38·00 PM		
1 2-Dichloroethane (EDC)		0.0195		mg/Kg-dry	י 1	8/30/2012 6:38:00 PM		
		0.0209		mg/Kg dg/	1	8/30/2012 6.30.00 FIVI		
Trichloroethene (TCE)		0.0193		mg/Kg dg/	1	8/30/2012 6.30.00 FIVI		
	UN	0.0209		my/rxy-ury	I	013012012 0.30.00 FIVI		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Project: Former Pace Kirkland: Lab ID: 1208108-029 Matrix: Soil Client Sample ID: GP-10-2.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 309 Analyst: EM 1,2-Dichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6.38.00 PM Bromodichloromethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6.38.00 PM Dibromomethene ND 0.0193 mg/Kg-dry 1 8/30/2012 6.38.00 PM trans-1.3-Dichloropropylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6.38.00 PM 1,3-Dichloropropylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6.38.00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6.38.00 PM 1,2-Dibromochloromethane ND 0.0481 mg/Kg-dry 1 8/30/2012 6.38.00 PM 1,2-Dibromochloromethane ND 0.0193 mg/Kg-dry </th <th>Client: PES Environmental, Inc.</th> <th></th> <th colspan="8">Collection Date: 8/17/2012 1:10:00 PM</th>	Client: PES Environmental, Inc.		Collection Date: 8/17/2012 1:10:00 PM							
Lab ID: 1208108-029 Matrix: Soil Client Sample ID: GP-10-2.5 Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 309 Analyst: EM 12-Dichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Diromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Diromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tolene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tolene ND 0.0229 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2.Trichioroethane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2.Trichioroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Diromochloromethane (EDB) ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2.Trichachoroethane	Project: Former Pace Kirkland									
Client Sample ID: GP-10-2.5 Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3091 Analyst: EM 1.2-Dichioropropane ND 0.0193 mg/kg-dry 1 8/30/2012 6.38.00 PM Dibromoethane ND 0.0193 mg/kg-dry 1 8/30/2012 6.38.00 PM Dibromoethane ND 0.0193 mg/kg-dry 1 8/30/2012 6.38.00 PM Dibromoethane ND 0.0193 mg/kg-dry 1 8/30/2012 6.38.00 PM Toluene ND 0.0193 mg/kg-dry 1 8/30/2012 6.38.00 PM 1.3-Dichloropropene ND 0.0289 mg/kg-dry 1 8/30/2012 6.38.00 PM 1.3-Dichloropropane ND 0.0481 mg/kg-dry 1 8/30/2012 6.38.00 PM 1.3-Dichloropropane ND 0.0481 mg/kg-dry 1 8/30/2012 6.38.00 PM 1.3-Dichloropropane ND 0.0289 mg/kg-dry 1 8/30/2012 6.38.00 PM 1.3-Dichlorophane (EDB) ND	Lab ID: 1208108-029				Matrix: So	bil				
Analyses Result RL Qual Units DF Date Analyzed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3091 Analyst: EM 1.2-Dichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromodichloromethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Cist-13-Dichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Toulene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1.2-Trichloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1.2-Trichloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1.2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1.2-Tetrachloroethane N	Client Sample ID: GP-10-2 5									
Analyses Result RL Guai Drite Date Analysed Volatile Organic Compounds by EPA Method 8260 Batch ID: 3091 Analyst: EM 1,2-Dichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Toluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromochioromethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1-2-Dibromochiane (EDB) ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1-2-Dibromochiane ND 0.0289	Analyses	Beault	ום	Qual	Unito	DE	Data Analyzad			
Volatile Organic Compounds by EPA Method 8260 Bath D: 309 Analys: EM 1.2-Dickloropropane ND 0.0193 mg/Kg-dy 1 8/30/2012 6/38.00 PM Biromodichloromethane ND 0.0193 mg/Kg-dy 1 8/30/2012 6/38.00 PM Cist ND 0.0193 mg/Kg-dy 1 8/30/2012 6/38.00 PM Cist ND 0.0193 mg/Kg-dy 1 8/30/2012 6/38.00 PM Cist ND 0.0193 mg/Kg-dy 1 8/30/2012 6/38.00 PM Tanse ND 0.0289 mg/Kg-dy 1 8/30/2012 6/38.00 PM 1,3-Dichloropropane ND 0.0289 mg/Kg-dy 1 8/30/2012 6/38.00 PM 1,3-Dichloropropane ND 0.0193 mg/Kg-dy 1 8/30/2012 6/38.00 PM 1,3-Dichloropropane ND 0.0289 mg/Kg-dy 1 8/30/2012 6/38.00 PM 1,1-Dictorethane ND 0.0289 mg/Kg-dy 1 8/30/2012 6/38.00 PM 1,1-Dictorethane ND 0.0193 mg/Kg-dy 1	Analyses	Result	KL	Quai	Units	DF	Date Analyzed			
Volatile Origanic Compounds by EPA Method 3220 Data (11.2, 3031 Principal 1.2-Dichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Toluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tatas-1.3-Dichloropropiene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1.1.2-Trichloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1.3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromochhane (PCE) ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1.1.2-Trichloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1.1.1.2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM mg/Kg-dry 1 <t< td=""><td>Volotilo Organio Compoundo hy E</td><td>DA Mathad</td><td>9260</td><td></td><td>Patel</td><td>2001 · TI</td><td>Applyst: EM</td></t<>	Volotilo Organio Compoundo hy E	DA Mathad	9260		Patel	2001 · TI	Applyst: EM			
1,2-Dichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromodichloromethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Toluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM trans-1,3-Dichloropropylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1.2-Tichloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1.2-Tichloroethane (PCE) ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromoethane (EDB) ND 0.00481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1.2-Tichloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1.2-Tictachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM	Volatile Organic Compounds by E	PA Method	0200		Datci	110. 3091	Analyst. Livi			
Bromodichloromethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromomethane ND 0.0385 mg/Kg-dry 1 8/30/2012 6:38:00 PM Toluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Toluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,12-Trichloropropylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1/2-Dibromochlane (EDB) ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromochlano (EDB) ND 0.0491 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1	1,2-Dichloropropane	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Dibromomethane ND 0.0385 mg/Kg-dry 1 8/30/2012 6.38:00 PM cis-1,3-Dichloropropene ND 0.0193 mg/Kg-dry 1 8/30/2012 6.38:00 PM trans-1,3-Dichloropropylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6.38:00 PM 1,3-Dichloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6.38:00 PM 1,3-Dichloroptpane ND 0.0289 mg/Kg-dry 1 8/30/2012 6.38:00 PM 1,3-Dichloroptpane ND 0.0481 mg/Kg-dry 1 8/30/2012 6.38:00 PM Tetrachloroethane (CDE) ND 0.0289 mg/Kg-dry 1 8/30/2012 6.38:00 PM 1,2-Dibromochlaroethane (EDB) ND 0.0289 mg/Kg-dry 1 8/30/2012 6.38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6.38:00 PM 1,1,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6.38:00 PM 1,2-Zitrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6.38:00 PM	Bromodichloromethane	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
cis-1,3-Dichloropropene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Toluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM trans-1,3-Dichloropropylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2-Trichloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tetrachoroethene (PCE) ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromoethane (EDB) ND 0.00481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2.Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2.Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2.Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 0-Xjene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM	Dibromomethane	ND	0.0385		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Toluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM trans-1,3-Dichloropropylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2-Trichloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tetrachloroethane (PCE) ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromochlaromethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1.2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1.2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 0.Xjene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 0.Xjene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 0.Xjene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM styrene	cis-1,3-Dichloropropene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
trans-1,3-Dichloropropylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tetrachloroethene (PCE) ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromochloromethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Chlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM L1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM L1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Chloroberzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1	Toluene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,1,2-Trichloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tetrachloroethene (PCE) ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromochloromethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromoethane (EDB) ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,12-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,12-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM thylperzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM lsopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM lsopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM	trans-1,3-Dichloropropylene	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,3-Dichloropropane ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Tetrachloroethene (PCE) ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Dibromochloromethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromoethane (EDB) ND 0.00481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 0-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 0-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 0-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-T	1,1,2-Trichloroethane	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Tetrachloroethene (PCE) ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM Dibromochloromethane ND 0.0289 mg/kg-dry 1 8/30/2012 6:38:00 PM 1.2-Dibromoethane (EDB) ND 0.00481 mg/kg-dry 1 8/30/2012 6:38:00 PM Chlorobenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM L1,1,2-Tetrachloroethane ND 0.0289 mg/kg-dry 1 8/30/2012 6:38:00 PM Ethylbenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM n.Propylbenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 1.3.5-Trimethylbenzene	1,3-Dichloropropane	ND	0.0481		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Dibromochloromethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromoethane (EDB) ND 0.00481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Chlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM thry,P-Xylene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM stopropylenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n,P-Propylenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n,P-Propylenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane	Tetrachloroethene (PCE)	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,2-Dibromoethane (EDB) ND 0.00481 mg/Kg-dry 1 8/30/2012 6:38:00 PM Chlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Ethylbenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM m,p-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND	Dibromochloromethane	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Chlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Ethylbenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM m,p-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND <td>1,2-Dibromoethane (EDB)</td> <td>ND</td> <td>0.00481</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>8/30/2012 6:38:00 PM</td>	1,2-Dibromoethane (EDB)	ND	0.00481		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,1,1,2-Tetrachloroethane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM Ethylbenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM m,p-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n.Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichlorobluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropenzene	Chlorobenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Ethylbenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM m,p-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromoform ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chiorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND	1,1,1,2-Tetrachloroethane	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
m,p-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromoform ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND	Ethylbenzene	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
o-Xylene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Styrene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0170 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromoform ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND	m,p-Xylene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Styrene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM Isopropylbenzene ND 0.0770 mg/kg-dry 1 8/30/2012 6:38:00 PM Bromoform ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM Bromobenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene	o-Xylene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Isopropylbenzene ND 0.0770 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromoform ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromobenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlo	Styrene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Bromoform ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,1,2,2-Tetrachloroethane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromobenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM sec-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenz	Isopropylbenzene	ND	0.0770		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
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n-Propylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM Bromobenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM sec-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorob	1,1,2,2-Tetrachloroethane	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
Bromobenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-lsopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobe	n-Propylbenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,3,5-Trimethylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM tert-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Isopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 <td< td=""><td>Bromobenzene</td><td>ND</td><td>0.0289</td><td></td><td>mg/Kg-dry</td><td>1</td><td>8/30/2012 6:38:00 PM</td></td<>	Bromobenzene	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
2-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM tert-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM sec-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Isopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-	1,3,5-Trimethylbenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
4-Chlorotoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM tert-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM sec-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Isopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012	2-Chlorotoluene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
tert-ButylbenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,2,3-TrichloropropaneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,2,4-TrichlorobenzeneND0.0481mg/Kg-dry18/30/2012 6:38:00 PMsec-ButylbenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM4-IsopropyltolueneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,3-DichlorobenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,4-DichlorobenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,4-DichlorobenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,2-DichlorobenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,2-DichlorobenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,2-DichlorobenzeneND0.0193mg/Kg-dry18/30/2012 6:38:00 PM1,2-Dibromo-3-chloropropaneND0.0289mg/Kg-dry18/30/2012 6:38:00 PM	4-Chlorotoluene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,2,3-Trichloropropane ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2,4-Trichlorobenzene ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM sec-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Isopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8	tert-Butylbenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,2,4-Trichlorobenzene ND 0.0481 mg/Kg-dry 1 8/30/2012 6:38:00 PM sec-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Isopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	1,2,3-Trichloropropane	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
sec-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 4-Isopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	1,2,4-Trichlorobenzene	ND	0.0481		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
4-Isopropyltoluene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	sec-Butylbenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,3-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	4-Isopropyltoluene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,4-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM n-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	1,3-Dichlorobenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
n-Butylbenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	1,4-Dichlorobenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,2-Dichlorobenzene ND 0.0193 mg/Kg-dry 1 8/30/2012 6:38:00 PM 1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	n-Butylbenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
1,2-Dibromo-3-chloropropane ND 0.0289 mg/Kg-dry 1 8/30/2012 6:38:00 PM	1,2-Dichlorobenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM			
	1,2-Dibromo-3-chloropropane	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM			

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 1:10:00 PM							
Project: Former Pace Kirkland								
Lab ID: 1208108-029	Matrix: Soil							
Client Sample ID: GP-10-2.5								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed		
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 309′	1 Analyst: EM		
1,2,4-Trimethylbenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM		
Hexachlorobutadiene	ND	0.0963		mg/Kg-dry	1	8/30/2012 6:38:00 PM		
Naphthalene	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM		
1,2,3-Trichlorobenzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM		
Surr: 1-Bromo-4-fluorobenzene	99.7	63.1-141		%REC	1	8/30/2012 6:38:00 PM		
Surr: Dibromofluoromethane	97.2	67.6-119		%REC	1	8/30/2012 6:38:00 PM		
Surr: Toluene-d8	107	78.5-126		%REC	1	8/30/2012 6:38:00 PM		
Sample Moisture (Percent Moiste	<u>ure)</u>			Batch	n ID: R55	36 Analyst: MC		
Percent Moisture	7.94			wt%	1	8/30/2012 12:25:04 PM		

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	7/2012 1:25:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208108-030				Matrix: So	bil	
Client Sample ID: GP-10-14.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
_						-
Diesel and Heavy Oil by NWTPH-D	0x/Dx Ext.			Batch	n ID: 3009	Analyst: BR
Diesel (Fuel Oil)	5,890	211	D	mg/Kg-dry	10	8/22/2012 6:01:00 PM
Diesel Range Organics (C12-C24)	ND	21.1		mg/Kg-dry	1	8/22/2012 2:57:00 AM
Heavy Oil	ND	52.7		mg/Kg-dry	1	8/22/2012 2:57:00 AM
Surr: 2-Fluorobiphenyl	102	50-150		%REC	1	8/22/2012 2:57:00 AM
Surr: o-Terphenyl	83.0	50-150		%REC	1	8/22/2012 2:57:00 AM
Gasoline by NWTPH-Gx				Batch	n ID: R547	7 Analyst: EM
Gasoline	ND	4,44		ma/Ka-drv	1	8/23/2012 3:22:00 PM
Gasoline Range Organics C6-C12	6.070	444	D	ma/Ka-drv	100	8/27/2012 3:44:00 PM
Surr: 1.2-Dichloroethane-d4	68.9	65-135		%REC	1	8/23/2012 3:22:00 PM
Surr: Fluorobenzene	94.8	65-135		%REC	1	8/23/2012 3:22:00 PM
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0532		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Chloromethane	ND	0.0532		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Vinyl chloride	ND	0.00177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Bromomethane	ND	0.0798		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0444		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Chloroethane	ND	0.0532		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,1-Dichloroethene	ND	0.0444		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Methylene chloride	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
trans-1,2-Dichloroethene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0444		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,1-Dichloroethane	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
2,2-Dichloropropane	ND	0.0444		mg/Kg-dry	1	8/23/2012 3:22:00 PM
cis-1,2-Dichloroethene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Chloroform	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1.1.1-Trichloroethane (TCA)	ND	0.0177		ma/Ka-drv	1	8/23/2012 3:22:00 PM
1.1-Dichloropropene	ND	0.0177		ma/Ka-drv	1	8/23/2012 3:22:00 PM
Carbon tetrachloride	ND	0.0177		mg/Ka-drv	1	8/23/2012 3:22:00 PM
1.2-Dichloroethane (FDC)	ND	0.0266		ma/Ka-drv	1	8/23/2012 3:22·00 PM
Benzene	ND	0 0177		ma/Ka-drv	1	8/23/2012 3:22:00 PM
Trichloroethene (TCE)	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
·						

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	7/2012 1:25:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208108-030				Matrix: So	bil	
Client Sample ID: GP-10-14.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batcl	n ID: 3029	Analyst: EM
1,2-Dichloropropane	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Bromodichloromethane	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Dibromomethane	ND	0.0355		mg/Kg-dry	1	8/23/2012 3:22:00 PM
cis-1,3-Dichloropropene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Toluene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
trans-1,3-Dichloropropylene	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,1,2-Trichloroethane	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,3-Dichloropropane	ND	0.0444		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Tetrachloroethene (PCE)	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Dibromochloromethane	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,2-Dibromoethane (EDB)	ND	0.00444		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Chlorobenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Ethylbenzene	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
m,p-Xylene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
o-Xylene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Styrene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Isopropylbenzene	2.28	0.710	D	mg/Kg-dry	10	8/27/2012 4:16:00 PM
Bromoform	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
n-Propylbenzene	6.54	0.177	D	mg/Kg-dry	10	8/27/2012 4:16:00 PM
Bromobenzene	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,3,5-Trimethylbenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
2-Chlorotoluene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
4-Chlorotoluene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
tert-Butylbenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,2,3-Trichloropropane	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,2,4-Trichlorobenzene	ND	0.0444		mg/Kg-dry	1	8/23/2012 3:22:00 PM
sec-Butylbenzene	4.35	0.177	D	mg/Kg-dry	10	8/27/2012 4:16:00 PM
4-Isopropyltoluene	3.52	0.177	D	mg/Kg-dry	10	8/27/2012 4:16:00 PM
1,3-Dichlorobenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,4-Dichlorobenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
n-Butylbenzene	5.47	0.177	D	mg/Kg-dry	10	8/27/2012 4:16:00 PM
1,2-Dichlorobenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date:	8/17/2012 1:25:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208108-030				Matrix: Sc	bil	
Client Sample ID: GP-10-14.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	29 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Hexachlorobutadiene	ND	0.0887		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Naphthalene	ND	0.0266		mg/Kg-dry	1	8/23/2012 3:22:00 PM
1,2,3-Trichlorobenzene	ND	0.0177		mg/Kg-dry	1	8/23/2012 3:22:00 PM
Surr: 1-Bromo-4-fluorobenzene	114	63.1-141		%REC	1	8/23/2012 3:22:00 PM
Surr: Dibromofluoromethane	94.4	67.6-119		%REC	1	8/23/2012 3:22:00 PM
Surr: Toluene-d8	114	78.5-126		%REC	1	8/23/2012 3:22:00 PM
Sample Moisture (Percent Moiste	ure)			Batch	n ID: R5	402 Analyst: SC
Percent Moisture	16.0			wt%	1	8/21/2012 1:05:09 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	7/2012 2:00:00 PM
Project: Former Pace Kirkland						
I ab ID: 1208108-032				Matrix: So	.il	
Client Sample ID: GB 10.22					~	
			<u> </u>			.
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	n ID: 3009	Analyst: BR
Diesel (Fuel Oil)	ND	22.1		ma/Ka-dry	1	8/22/2012 3·53·00 AM
Diesel Range Organics (C12-C24)	ND	22.1		mg/Kg-dry	1	8/22/2012 3:53:00 AM
Heavy Oil	ND	55.2		mg/Kg-dry	1	8/22/2012 3:53:00 AM
Surr: 2-Eluorobiphenyl	87.6	50-150		%RFC	1	8/22/2012 3:53:00 AM
Surr: o-Terphenyl	83.9	50-150		%REC	1	8/22/2012 3:53:00 AM
Gasoline by NWTPH-Gx				Batch	n ID: R547	7 Analyst: EM
Casoline		4 57		ma/Ka_dn/	1	8/23/2012 2:10:00 PM
Gasoline Pango Organics C6 C12		4.57		mg/Kg-dry	1	8/23/2012 2:19:00 FM
Surr: 1.2 Dichloroothano d4	74.0	4.J7 65 135			1	8/23/2012 2:19:00 FM
Surr: Eluerobonzono	74.9	65 125		%REC	1	0/23/2012 2.19.00 FW
Sun. Fluorobenzene	99.9	00-100		70REC	I	0/23/2012 2.19.00 FW
Volatile Organic Compounds by E	PA Method	<u>8260</u>		Batch	n ID: 3029	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0549		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Chloromethane	ND	0.0549		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Vinyl chloride	ND	0.00183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Bromomethane	ND	0.0823		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0457		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Chloroethane	ND	0.0549		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,1-Dichloroethene	ND	0.0457		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Methylene chloride	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
trans-1,2-Dichloroethene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0457		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,1-Dichloroethane	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
2,2-Dichloropropane	ND	0.0457		mg/Kg-dry	1	8/23/2012 2:19:00 PM
cis-1,2-Dichloroethene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Chloroform	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1.1-Dichloropropene	ND	0.0183		ma/Ka-drv	1	8/23/2012 2:19:00 PM
Carbon tetrachloride	ND	0.0183		mg/Ka-drv	1	8/23/2012 2:19:00 PM
1.2-Dichloroethane (EDC)	ND	0.0274		mg/Ka-drv	1	8/23/2012 2:19:00 PM
Benzene	ND	0.0183		ma/Ka-drv	1	8/23/2012 2:19:00 PM
Trichloroethene (TCE)	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
				,		

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

D Dilution was required

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

RL Reporting Limit

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.				Collection	Date: 8/1	7/2012 2:00:00 PM
Project: Former Pace Kirkland						
Lab ID: 1208108-032				Matrix: So	bil	
Client Sample ID: GP-10-22						
Analyses	Beault	ום	Qual	Unito	DE	Data Analyzad
Analyses	Result	KL	Quai	Units	DF	Date Analyzed
				Detal	- 10, 2000	
Volatile Organic Compounds by E	PA Method	8260		Batch	n ID: 3029	Analyst: EM
1,2-Dichloropropane	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Bromodichloromethane	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Dibromomethane	ND	0.0366		mg/Kg-dry	1	8/23/2012 2:19:00 PM
cis-1,3-Dichloropropene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Toluene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
trans-1,3-Dichloropropylene	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,1,2-Trichloroethane	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,3-Dichloropropane	ND	0.0457		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Tetrachloroethene (PCE)	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Dibromochloromethane	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,2-Dibromoethane (EDB)	ND	0.00457		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Chlorobenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Ethylbenzene	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
m,p-Xylene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
o-Xylene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Styrene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Isopropylbenzene	ND	0.0732		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Bromoform	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
n-Propylbenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Bromobenzene	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,3,5-Trimethylbenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
2-Chlorotoluene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
4-Chlorotoluene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
tert-Butylbenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,2,3-Trichloropropane	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,2,4-Trichlorobenzene	ND	0.0457		mg/Kg-dry	1	8/23/2012 2:19:00 PM
sec-Butylbenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
4-Isopropyltoluene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,3-Dichlorobenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,4-Dichlorobenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
n-Butylbenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,2-Dichlorobenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,2-Dibromo-3-chloropropane	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1208108** Date Reported: **9/11/2012**

Client: PES Environmental, Inc.	Collection Date: 8/17/2012 2:00:00 PM					
Project: Former Pace Kirkland						
Lab ID: 1208108-032				Matrix: Sc	oil	
Client Sample ID: GP-10-22						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by	EPA Method	<u>8260</u>		Batch	n ID: 30	029 Analyst: EM
1,2,4-Trimethylbenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Hexachlorobutadiene	ND	0.0915		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Naphthalene	ND	0.0274		mg/Kg-dry	1	8/23/2012 2:19:00 PM
1,2,3-Trichlorobenzene	ND	0.0183		mg/Kg-dry	1	8/23/2012 2:19:00 PM
Surr: 1-Bromo-4-fluorobenzene	96.1	63.1-141		%REC	1	8/23/2012 2:19:00 PM
Surr: Dibromofluoromethane	95.6	67.6-119		%REC	1	8/23/2012 2:19:00 PM
Surr: Toluene-d8	103	78.5-126		%REC	1	8/23/2012 2:19:00 PM
Sample Moisture (Percent Moist	ure)			Batch	ID: R	5402 Analyst: SC
Percent Moisture	20.4			wt%	1	8/21/2012 1:05:09 PM

Qualifiers: B

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit



Work Order:	1208108									00.9			
CLIENT:	PES Enviror	nmental, In	C.										
Project:	Former Pace	e Kirkland							Diesel a	and Heavy (Dil by NW	「PH-Dx/D)x Ext.
Sample ID: 12081	08-001BDUP	SampType	DUP			Units: mg/Kg	J-dry	Prep Date	e: 8/21/20	12	RunNo: 542	20	
Client ID: GP-1-	1	Batch ID:	3009					Analysis Date	e: 8/21/20	12	SeqNo: 106	5157	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	22.4						0	0	30	
Diesel Range Orga	nics (C12-C24)		ND	22.4						0	0	30	
Heavy Oil			ND	56.1						0	0	30	
Surr: 2-Fluorobip	bhenyl		19.0		22.44		84.7	50	150		0		
Surr: o-Terpheny	/I		18.1		22.44		80.8	50	150		0		
Sample ID: LCS-3	009	SampType	LCS			Units: mg/Kg		Prep Date	e: 8/21/20	12	RunNo: 542	20	
Client ID: LCSS		Batch ID:	3009					Analysis Date	e: 8/21/20	12	SeqNo: 106	5173	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			447	20.0	500.0	0	89.4	65	135				
Surr: 2-Fluorobip	bhenyl		16.1		20.00		80.6	50	150				
Surr: o-Terpheny	/I		16.0		20.00		79.8	50	150				
Sample ID: MB-30	09	SampType	MBLK			Units: mg/Kg		Prep Date	e: 8/21/20	12	RunNo: 542	20	
Client ID: MBLK	S	Batch ID:	3009					Analysis Date	e: 8/21/20	12	SeqNo: 106	\$174	
Analyte		I	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	20.0									
Diesel Range Orga	nics (C12-C24)		ND	20.0									
Heavy Oil			ND	50.0									
Surr: 2-Fluorobip	ohenyl		16.2		20.00		81.2	50	150				
Surr: o-Terpheny	/l		15.8		20.00		79.0	50	150				

В Qualifiers:

н

- Analyte detected in the associated Method Blank
- Dilution was required D
- Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- J Analyte detected below quantitation limits
- Reporting Limit RL

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Work Order:	1208108									00.5			ORT
CLIENT:	PES Environ	mental, In	С.										
Project:	Former Pace	Kirkland						[Diesel a	Ind Heavy (Dil by NWT	PH-Dx/D	x Ext.
Sample ID: 120810	8-029BDUP	SampType:	DUP			Units: mg/Kg-	dry	Prep Date:	8/30/20	12	RunNo: 555	4	
Client ID: GP-10-2	2.5	Batch ID:	3088					Analysis Date:	8/31/20	12	SeqNo: 109	266	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	20.3						0	0	30	
Diesel Range Organ	nics (C12-C24)		ND	20.3						0	0	30	
Heavy Oil			ND	50.8						0	0	30	
Surr: 2-Fluorobiph	henyl		24.0		20.30		118	50	150		0		
Surr: o-Terphenyl			22.8		20.30		112	50	150		0		
Sample ID: LCS-30)88	SampType:	LCS			Units: mg/Kg		Prep Date:	8/30/20	12	RunNo: 555	4	
Client ID: LCSS		Batch ID:	3088					Analysis Date:	8/30/20	12	SeqNo: 109	273	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			504	20.0	500.0	0	101	65	135				
Surr: 2-Fluorobiph	henyl		24.4		20.00		122	50	150				
Surr: o-Terphenyl			23.5		20.00		118	50	150				
Sample ID: MB-308	38	SampType:	MBLK			Units: mg/Kg		Prep Date:	8/30/20	12	RunNo: 555	4	
Client ID: MBLKS	6	Batch ID:	3088					Analysis Date:	8/30/20	12	SeqNo: 109	274	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)			ND	20.0									
Diesel Range Organ	nics (C12-C24)		ND	20.0									
Heavy Oil			ND	50.0									
Surr: 2-Fluorobiph	henyl		24.9		20.00		124	50	150				
Surr: o-Terphenyl			24.3		20.00		122	50	150				

В Qualifiers:

н

- Analyte detected in the associated Method Blank
- Dilution was required D
- Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- J Analyte detected below quantitation limits
- Reporting Limit RL

- Е Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Work Order: 1208108								QC S	SUMMA	RY REF	ORT
CLIENT: PES Enviror	nmental, Inc.								Gasoline	by NWT	PH-Gx
Project: Former Pace	e Kirkland								Guoomio	Sy Mirin	
Sample ID: 1208108-032ADUP	SampType: DUP			Units: mg/Kg-	dry	Prep Dat	e: 8/22/20	12	RunNo: 547	7	
Client ID: GP-10-22	Batch ID: R5477					Analysis Dat	e: 8/23/20	12	SeqNo: 107	404	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.57						0	0	30	
Gasoline Range Organics C6-C12	ND	4.57						0	0	30	
Surr: 1,2-Dichloroethane-d4	0.342		0.4574		74.8	65	135		0		
Surr: Fluorobenzene	0.455		0.4574		99.5	65	135		0		
Sample ID: LCS-R5477	SampType: LCS			Units: mg/Kg		Prep Dat	e: 8/22/20	12	RunNo: 547	7	
Client ID: LCSS	Batch ID: R5477					Analysis Dat	e: 8/23/20	12	SeqNo: 107	407	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.4	5.00	25.00	0	105	65	135				
Surr: 1,2-Dichloroethane-d4	0.417		0.5000		83.4	65	135				
Surr: Fluorobenzene	0.512		0.5000		102	65	135				
Sample ID: MB-R5477	SampType: MBLK			Units: mg/Kg		Prep Dat	e: 8/22/20	12	RunNo: 547	7	
Client ID: MBLKS	Batch ID: R5477					Analysis Dat	e: 8/23/20	12	SeqNo: 107	408	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Gasoline Range Organics C6-C12	ND	5.00									
Surr: 1,2-Dichloroethane-d4	0.344		0.5000		68.7	65	135				
Surr: Fluorobenzene	0.433		0.5000		86.6	65	135				
Sample ID: 1208208-003ADUP	SampType: DUP			Units: mg/Kg-	dry	Prep Dat	e: 9/4/201	2	RunNo: 559)4	
Client ID: BATCH	Batch ID: 3130					Analysis Dat	e: 9/5/201	2	SeqNo: 110	070	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.71						0	0	30	
Qualifiers: B Analyte detected in the Holding times for pre R RPD outside accepte	ne associated Method Blank paration or analysis exceeded rd recovery limits		D Dilution wa J Analyte det RL Reporting I	s required tected below quantitation lin .imit	nits		E Value ND Not de S Spike	above quantitation rate the Report recovery outside acc	ange ing Limit cepted recovery limit	s	



Work Order:12081CLIENT:PES EProject:Formed	08 Environmental, Inc. er Pace Kirkland							QC S	SUMMAI Gasoline	BY REP	PORT PH-Gx
Sample ID: 1208208-003AE	SampType:	DUP		Units: mg/Kg-o	lry	Prep Date	e: 9/4/2012	2	RunNo: 559)4	
Client ID: BATCH	Batch ID:	3130				Analysis Date	e: 9/5/2012	2	SeqNo: 110	070	
Analyte	Re	esult RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics C	6-C12	ND 6.71						0	0	30	
Surr: 1,2-Dichloroethane-o	14 0	.654	0.6705		97.5	65	135		0		
Surr: Fluorobenzene	0	.662	0.6705		98.8	65	135		0		
Sample ID: LCS-3130	SampType:	LCS		Units: mg/Kg		Prep Date	e: 9/4/2012	2	RunNo: 559)4	
Client ID: LCSS	Batch ID:	3130				Analysis Date	e: 9/5/2012	2	SeqNo: 110	074	
Analyte	Re	esult RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline		25.5 5.00	25.00	0	102	65	135				
Surr: 1,2-Dichloroethane-o	14 0.	.506	0.5000		101	65	135				
Surr: Fluorobenzene	0	.505	0.5000		101	65	135				
Sample ID: MB-3130	SampType:	MBLK		Units: mg/Kg		Prep Date	e: 9/4/2012	2	RunNo: 559)4	
Client ID: MBLKS	Batch ID:	3130				Analysis Date	e: 9/5/2012	2	SeqNo: 110	075	
Analyte	Re	esult RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline		ND 5.00									
Gasoline Range Organics Co	6-C12	ND 5.00									
Surr: 1,2-Dichloroethane-o	14 0	.499	0.5000		99.7	65	135				
Surr: Fluorobenzene	0	.498	0.5000		99.6	65	135				

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



CLIENT: PES Environmental, Inc.

Project: Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208128-003AMS	SampType: MS			Units: mg/K	g-dry	Prep Dat	te: 8/22/20	12	RunNo: 542	?6	
Client ID: BATCH	Batch ID: 3029					Analysis Dat	te: 8/23/20	12	SeqNo: 106	285	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.572	0.0670	1.117	0	51.3	43.5	121				
Chloromethane	0.897	0.0670	1.117	0	80.4	45	130				
Vinyl chloride	0.887	0.00223	1.117	0	79.4	51.2	146				
Bromomethane	0.753	0.101	1.117	0	67.5	70	130				S
Trichlorofluoromethane (CFC-11)	0.208	0.0558	1.117	0	18.7	52.2	132				S
Chloroethane	0.310	0.0670	1.117	0	27.8	43.8	117				S
1,1-Dichloroethene	0.711	0.0558	1.117	0	63.7	61.9	141				
Methylene chloride	0.905	0.0223	1.117	0	81.0	54.7	142				
trans-1,2-Dichloroethene	0.979	0.0223	1.117	0	87.7	52	136				
Methyl tert-butyl ether (MTBE)	0.893	0.0558	1.117	0	80.0	54.4	132				
1,1-Dichloroethane	0.975	0.0223	1.117	0	87.3	51.8	141				
2,2-Dichloropropane	0.833	0.0558	1.117	0	74.6	36	123				
cis-1,2-Dichloroethene	1.07	0.0223	1.117	0	95.4	58.6	136				
Chloroform	1.11	0.0223	1.117	0	99.3	53.2	129				
1,1,1-Trichloroethane (TCA)	1.05	0.0223	1.117	0	94.1	58.3	145				
1,1-Dichloropropene	1.06	0.0223	1.117	0	95.2	55.1	138				
Carbon tetrachloride	1.08	0.0223	1.117	0	96.5	53.3	144				
1,2-Dichloroethane (EDC)	0.975	0.0335	1.117	0	87.4	51.3	139				
Benzene	1.06	0.0223	1.117	0	95.0	63.5	133				
Trichloroethene (TCE)	1.08	0.0335	1.117	0	96.6	68.6	132				
1,2-Dichloropropane	1.09	0.0223	1.117	0	97.3	59	136				
Bromodichloromethane	1.05	0.0223	1.117	0	93.6	50.7	141				
Dibromomethane	1.04	0.0447	1.117	0	93.2	50.6	137				
cis-1,3-Dichloropropene	0.742	0.0223	1.117	0	66.4	52.3	129				
Toluene	1.14	0.0223	1.117	0	102	67.8	129				
trans-1,3-Dichloropropylene	0.742	0.0335	1.117	0	66.4	52.2	138				
1,1,2-Trichloroethane	1.04	0.0335	1.117	0	93.0	51.6	137				
1,3-Dichloropropane	1.06	0.0558	1.117	0	94.8	53.1	134				
Tetrachloroethene (PCE)	1.11	0.0223	1.117	0	99.8	44.1	141				
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution wa	s required			E Value	above quantitation ra	nge		

Qualifiers: B Analyte detected in the associated Me

Dilution was required

Reporting Limit

RL

E value abov

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

 ND
 Not detected at the Reporting Limit

 S
 Spike recovery outside accepted recovery limits

R RPD outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208128-003AMS	SampType: MS			Units: mg/K	g-dry	Prep Dat	te: 8/22/20	12	RunNo: 5426		
Client ID: BATCH	Batch ID: 3029					Analysis Dat	te: 8/23/20	12	SeqNo: 106	3285	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.07	0.0335	1.117	0	95.9	55.3	140				
1,2-Dibromoethane (EDB)	0.999	0.00558	1.117	0	89.5	50.4	136				
Chlorobenzene	1.06	0.0223	1.117	0	95.2	60	133				
1,1,1,2-Tetrachloroethane	1.01	0.0335	1.117	0	90.9	53.1	142				
Ethylbenzene	1.02	0.0335	1.117	0	91.6	54.5	134				
m,p-Xylene	2.02	0.0223	2.233	0	90.2	53.1	132				
o-Xylene	0.975	0.0223	1.117	0	87.4	53.3	139				
Styrene	1.05	0.0223	1.117	0	94.3	51.1	132				
Isopropylbenzene	1.06	0.0893	1.117	0	95.2	58.9	138				
Bromoform	0.908	0.0223	1.117	0	81.4	57.9	130				
1,1,2,2-Tetrachloroethane	0.911	0.0223	1.117	0	81.6	51.9	131				
n-Propylbenzene	1.02	0.0223	1.117	0	91.4	53.6	140				
Bromobenzene	1.04	0.0335	1.117	0	93.2	54.2	140				
1,3,5-Trimethylbenzene	1.05	0.0223	1.117	0	94.3	51.8	136				
2-Chlorotoluene	0.994	0.0223	1.117	0	89.0	51.6	136				
4-Chlorotoluene	0.998	0.0223	1.117	0	89.4	50.1	139				
tert-Butylbenzene	1.01	0.0223	1.117	0	90.2	50.5	135				
1,2,3-Trichloropropane	0.935	0.0223	1.117	0	83.7	50.5	131				
1,2,4-Trichlorobenzene	0.959	0.0558	1.117	0	85.9	50.8	130				
sec-Butylbenzene	0.986	0.0223	1.117	0	88.3	52.6	141				
4-Isopropyltoluene	1.05	0.0223	1.117	0	93.9	52.9	134				
1,3-Dichlorobenzene	1.09	0.0223	1.117	0	97.2	52.6	131				
1,4-Dichlorobenzene	1.02	0.0223	1.117	0	91.1	52.9	129				
n-Butylbenzene	0.994	0.0223	1.117	0	89.0	52.6	130				
1,2-Dichlorobenzene	1.04	0.0223	1.117	0	93.0	55.8	129				
1,2-Dibromo-3-chloropropane	0.822	0.0335	1.117	0	73.6	53	129				
1,2,4-Trimethylbenzene	1.01	0.0223	1.117	0	90.6	50.6	137				
Hexachlorobutadiene	0.969	0.112	1.117	0	86.8	51.5	130				
Naphthalene	0.951	0.0335	1.117	0	85.2	52.3	124				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nge		

Н Holding times for preparation or analysis exceeded

Analyte detected below quantitation limits J

R RPD outside accepted recovery limits

Reporting Limit

RL

ND Not detected at the Reporting Limit



CLIENT: PES Environmental, Inc.

Project: Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208128-003AMS	SampType: MS			Units: mg/k	(g-dry	Prep Dat	e: 8/22/20	12	RunNo: 542	6	
Client ID: BATCH	Batch ID: 3029					Analysis Dat	e: 8/23/20	12	SeqNo: 106	285	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	0.925	0.0223	1.117	0	82.8	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.529		0.5584		94.8	63.1	141				
Surr: Dibromofluoromethane	0.540		0.5584		96.7	67.6	119				
Surr: Toluene-d8	0.586		0.5584		105	78.5	126				

NOTES:

S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Sample ID: LCS-3029	SampType: LCS			Units: mg/Kg		Prep Dat	e: 8/22/20	12	RunNo: 542	:6	
Client ID: LCSS	Batch ID: 3029					Analysis Dat	e: 8/23/20	12	SeqNo: 106	288	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.750	0.0600	1.000	0	75.0	41.5	132				
Chloromethane	0.954	0.0600	1.000	0	95.4	52.3	129				
Vinyl chloride	0.900	0.00200	1.000	0	90.0	51.1	134				
Bromomethane	1.29	0.0900	1.000	0	129	54.6	148				
Trichlorofluoromethane (CFC-11)	0.906	0.0500	1.000	0	90.7	59.7	131				
Chloroethane	1.15	0.0600	1.000	0	115	53.9	135				
1,1-Dichloroethene	0.966	0.0500	1.000	0	96.6	58	139				
Methylene chloride	1.07	0.0200	1.000	0	107	58.7	141				
trans-1,2-Dichloroethene	1.00	0.0200	1.000	0	100	70	130				
Methyl tert-butyl ether (MTBE)	0.992	0.0500	1.000	0	99.2	70	130				
1,1-Dichloroethane	1.00	0.0200	1.000	0	100	67.6	127				
2,2-Dichloropropane	0.880	0.0500	1.000	0	88.0	40.1	133				
cis-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	70	130				
Chloroform	1.07	0.0200	1.000	0	107	64	127				
1,1,1-Trichloroethane (TCA)	0.991	0.0200	1.000	0	99.0	68.9	132				
1,1-Dichloropropene	0.992	0.0200	1.000	0	99.2	70	130				
Carbon tetrachloride	1.02	0.0200	1.000	0	102	56.3	141				
1,2-Dichloroethane (EDC)	0.983	0.0300	1.000	0	98.2	69.4	131				

Qualifiers: B Analyte detected in the associated Method Blank

R

Dilution was required

D

J Analyte detected below quantitation limits

E Value above quantitation range

H Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

RL Reporting Limit

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3029	SampType: LCS			Units: mg/Kg		Prep Da	te: 8/22/20	12	RunNo: 542	:6	
Client ID: LCSS	Batch ID: 3029					Analysis Dat	te: 8/23/20	12	SeqNo: 106	288	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.980	0.0200	1.000	0	98.0	72.3	125				
Trichloroethene (TCE)	1.04	0.0300	1.000	0	104	73.5	130				
1,2-Dichloropropane	1.01	0.0200	1.000	0	101	70	130				
Bromodichloromethane	1.04	0.0200	1.000	0	104	70	130				
Dibromomethane	1.02	0.0400	1.000	0	102	70	130				
cis-1,3-Dichloropropene	0.870	0.0200	1.000	0	87.1	58.7	141				
Toluene	1.01	0.0200	1.000	0	101	73.6	126				
trans-1,3-Dichloropropylene	0.870	0.0300	1.000	0	87.1	55.3	142				
1,1,2-Trichloroethane	0.986	0.0300	1.000	0	98.6	70	130				
1,3-Dichloropropane	0.998	0.0500	1.000	0	99.8	70	130				
Tetrachloroethene (PCE)	1.06	0.0200	1.000	0	106	55.2	151				
Dibromochloromethane	1.03	0.0300	1.000	0	103	71.5	142				
1,2-Dibromoethane (EDB)	0.996	0.00500	1.000	0	99.6	70	130				
Chlorobenzene	1.01	0.0200	1.000	0	101	74.2	122				
1,1,1,2-Tetrachloroethane	1.02	0.0300	1.000	0	102	70	130				
Ethylbenzene	0.975	0.0300	1.000	0	97.5	70	130				
m,p-Xylene	2.02	0.0200	2.000	0	101	70	130				
o-Xylene	0.950	0.0200	1.000	0	95.0	70	130				
Styrene	1.06	0.0200	1.000	0	106	70	130				
Isopropylbenzene	1.05	0.0800	1.000	0	105	70	130				
Bromoform	1.09	0.0200	1.000	0	109	70.9	147				
1,1,2,2-Tetrachloroethane	0.968	0.0200	1.000	0	96.8	61.9	136				
n-Propylbenzene	1.00	0.0200	1.000	0	100	70	130				
Bromobenzene	1.07	0.0300	1.000	0	107	52.7	146				
1,3,5-Trimethylbenzene	1.03	0.0200	1.000	0	103	70	130				
2-Chlorotoluene	1.02	0.0200	1.000	0	102	70	130				
4-Chlorotoluene	1.00	0.0200	1.000	0	100	70	130				
tert-Butylbenzene	0.940	0.0200	1.000	0	94.0	70	130				
1,2,3-Trichloropropane	1.01	0.0200	1.000	0	101	61.7	138				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution was	s required			E Value	above quantitation ra	nae		

Qualifiers: В Analyte detected in the associated Method Blank Dilution was required

Analyte detected below quantitation limits J

Е Value above quantitation range

н Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits RL Reporting Limit ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3029	SampType: LCS			Units: mg/Kg		Prep Date	e: 8/22/2012	RunNo: 5426	
Client ID: LCSS	Batch ID: 3029					Analysis Date	e: 8/23/2012	SeqNo: 106288	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	%RPD RPDLimi	it Qual
1,2,4-Trichlorobenzene	1.06	0.0500	1.000	0	106	57.5	138		
sec-Butylbenzene	1.02	0.0200	1.000	0	102	70	130		
4-Isopropyltoluene	0.997	0.0200	1.000	0	99.7	52	149		
1,3-Dichlorobenzene	1.02	0.0200	1.000	0	102	70	130		
1,4-Dichlorobenzene	0.957	0.0200	1.000	0	95.7	70	130		
n-Butylbenzene	0.973	0.0200	1.000	0	97.3	59.2	136		
1,2-Dichlorobenzene	1.01	0.0200	1.000	0	101	70	130		
1,2-Dibromo-3-chloropropane	1.03	0.0300	1.000	0	103	60.6	137		
1,2,4-Trimethylbenzene	1.03	0.0200	1.000	0	103	70	130		
Hexachlorobutadiene	1.02	0.100	1.000	0	102	54.7	137		
Naphthalene	1.01	0.0300	1.000	0	101	53.2	136		
1,2,3-Trichlorobenzene	1.01	0.0200	1.000	0	101	51	140		
Surr: 1-Bromo-4-fluorobenzene	0.494		0.5000		98.7	63.1	141		
Surr: Dibromofluoromethane	0.501		0.5000		100	67.6	119		
Surr: Toluene-d8	0.508		0.5000		102	78.5	126		
Sample ID: MB-3029	SampType: MBLK			Units: mg/Kg		Prep Date	e: 8/22/2012	RunNo: 5426	
Client ID: MBLKS	Batch ID: 3029					Analysis Date	e: 8/23/2012	SeqNo: 106289	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	%RPD RPDLimi	it Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600							
Chloromethane	ND	0.0600							
Vinyl chloride	ND	0.00200							
Bromomethane	ND	0.0900							
Trichlorofluoromethane (CFC-11)	ND	0.0500							
Chloroethane	ND	0.0600							
1,1-Dichloroethene	ND	0.0500							
Methylene chloride	ND	0.0200							
Qualifiers: B Analyte detected in t	the associated Method Blank		D Dilution wa	is required			E Value above quantitation	range	
H Holding times for pre	eparation or analysis exceeded		J Analyte de	tected below quantitation lim	its		ND Not detected at the Repo	orting Limit	
R RPD outside accepte	ed recovery limits		RL Reporting	_imit			S Spike recovery outside ad	ccepted recovery limits	
									F





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3029	SampType: MBLK			Units: mg/Kg		Prep Date	8/22/20	12	RunNo: 542	6	
Client ID: MBLKS	Batch ID: 3029					Analysis Date	: 8/23/20	12	SeqNo: 106	289	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND 0.	.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution wa	s required			E Value	e above quantitation ra	nge		
H Holding times for prepa	aration or analysis exceeded		J Analyte det	ected below quantitation lim	its		ND Not o	etected at the Reportin	ng Limit		
R RPD outside accepted	recovery limits	F	RL Reporting I	_imit			S Spike	e recovery outside acce	epted recovery limits	5	

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Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3029	SampType: MBLK			Units: mg/Kg		Prep Da	te: 8/22/20	12	RunNo: 542	6	
Client ID: MBLKS	Batch ID: 3029					Analysis Da	te: 8/23/20	12	SeqNo: 106	289	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.523		0.5000		105	63.1	141				
Surr: Dibromofluoromethane	0.496		0.5000		99.2	67.6	119				
Surr: Toluene-d8	0.548		0.5000		110	78.5	126				

Qualifiers: B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

н

R

- d Blank D Dilution was required
 - J Analyte detected below quantitation limits
 - RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208108-032ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/22/20	12	RunNo: 542	26	
Client ID: GP-10-22	Batch ID: 3029					Analysis Da	te: 8/23/20	12	SeqNo: 107	389	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0549						0	0	30	
Chloromethane	ND	0.0549						0	0	30	
Vinyl chloride	ND	0.00183						0	0	30	
Bromomethane	ND	0.0823						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0457						0	0	30	
Chloroethane	ND	0.0549						0	0	30	
1,1-Dichloroethene	ND	0.0457						0	0	30	
Methylene chloride	ND	0.0183						0	0	30	
trans-1,2-Dichloroethene	ND	0.0183						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0457						0	0	30	
1,1-Dichloroethane	ND	0.0183						0	0	30	
2,2-Dichloropropane	ND	0.0457						0	0	30	
cis-1,2-Dichloroethene	ND	0.0183						0	0	30	
Chloroform	ND	0.0183						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0183						0	0	30	
1,1-Dichloropropene	ND	0.0183						0	0	30	
Carbon tetrachloride	ND	0.0183						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0274						0	0	30	
Benzene	ND	0.0183						0	0	30	
Trichloroethene (TCE)	ND	0.0274						0	0	30	
1,2-Dichloropropane	ND	0.0183						0	0	30	
Bromodichloromethane	ND	0.0183						0	0	30	
Dibromomethane	ND	0.0366						0	0	30	
cis-1,3-Dichloropropene	ND	0.0183						0	0	30	
Toluene	ND	0.0183						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0274						0	0	30	
1,1,2-Trichloroethane	ND	0.0274						0	0	30	
1,3-Dichloropropane	ND	0.0457						0	0	30	
Tetrachloroethene (PCE)	ND	0.0183						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	is required	limite		E Value	above quantitation ra	nge		

R RPD outside accepted recovery limits

Analyte detected below quantitation limits

RL Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Former Pace Kirkland

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208108-032ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/22/20	12	RunNo: 542	26	
Client ID: GP-10-22	Batch ID: 3029					Analysis Da	te: 8/23/20	12	SeqNo: 107	7389	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0274						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00457						0	0	30	
Chlorobenzene	ND	0.0183						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0274						0	0	30	
Ethylbenzene	ND	0.0274						0	0	30	
m,p-Xylene	ND	0.0183						0	0	30	
o-Xylene	ND	0.0183						0	0	30	
Styrene	ND	0.0183						0	0	30	
Isopropylbenzene	ND	0.0732						0	0	30	
Bromoform	ND	0.0183						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0183						0	0	30	
n-Propylbenzene	ND	0.0183						0	0	30	
Bromobenzene	ND	0.0274						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0183						0	0	30	
2-Chlorotoluene	ND	0.0183						0	0	30	
4-Chlorotoluene	ND	0.0183						0	0	30	
tert-Butylbenzene	ND	0.0183						0	0	30	
1,2,3-Trichloropropane	ND	0.0183						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0457						0	0	30	
sec-Butylbenzene	ND	0.0183						0	0	30	
4-Isopropyltoluene	ND	0.0183						0	0	30	
1,3-Dichlorobenzene	ND	0.0183						0	0	30	
1,4-Dichlorobenzene	ND	0.0183						0	0	30	
n-Butylbenzene	ND	0.0183						0	0	30	
1,2-Dichlorobenzene	ND	0.0183						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0274						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0183						0	0	30	
Hexachlorobutadiene	ND	0.0915						0	0	30	
Naphthalene	ND	0.0274						0	0	30	
Qualifiers: B Analyte detected in th	e associated Method Blank		D Dilution wa	s required			E Value	e above quantitation rar	nge		
H Holding times for prep	paration or analysis exceeded		J Analyte de	ected below quantitation	n limits		ND Not d	etected at the Reportin	ng Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



Work Order:	1208108									00.9			
CLIENT:	PES Enviror	nmental, Inc.											
Project:	Former Pace	e Kirkland						Volatil	e Organi	ic Compou	nds by EP	A Metho	d 8260
Sample ID: 120810	08-032ADUP	SampType:	DUP			Units: mg	/Kg-dry	Prep Da	te: 8/22/20	12	RunNo: 542	26	
Client ID: GP-10	-22	Batch ID:	3029					Analysis Da	te: 8/23/20	12	SeqNo: 107	389	
Analyte		Re	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenz	zene		ND	0.0183						0	0	30	
Surr: 1-Bromo-4-	-fluorobenzene	0.	.442		0.4574		96.6	63.1	141		0		
Surr: Dibromoflu	oromethane	0.	.443		0.4574		96.9	67.6	119		0		
Surr: Toluene-d8	3	0.	.463		0.4574		101	78.5	126		0		
Sample ID: LCS-3	091	SampType:	LCS			Units: mg	/Kg	Prep Da	te: 8/29/20	12	RunNo: 553	38	
Client ID: LCSS		Batch ID:	3091					Analysis Da	te: 8/30/20	12	SeqNo: 108	3770	
Analyte		Re	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromet	thane (CFC-12)		1.12	0.0600	1.000	0	112	37.7	136				
Chloromethane	, , , , , , , , , , , , , , , , , , ,		1.16	0.0600	1.000	0	116	38.8	132				
Vinyl chloride			1.18	0.00200	1.000	0	118	56.1	130				
Bromomethane			1.27	0.0900	1.000	0	127	44.3	149				
Trichlorofluorometh	ane (CFC-11)		1.23	0.0500	1.000	0	123	61.8	130				
Chloroethane			1.29	0.0600	1.000	0	129	52.2	131				
1,1-Dichloroethene			1.24	0.0500	1.000	0	124	64.6	134				
Methylene chloride			1.32	0.0200	1.000	0	132	60.6	140				
trans-1,2-Dichloroe	thene		1.21	0.0200	1.000	0	121	68.7	127				
Methyl tert-butyl eth	ner (MTBE)		1.17	0.0500	1.000	0	117	73.4	128				
1,1-Dichloroethane			1.20	0.0200	1.000	0	120	65.5	132				
2,2-Dichloropropan	e		1.21	0.0500	1.000	0	121	28.1	149				
cis-1,2-Dichloroethe	ene		1.18	0.0200	1.000	0	118	71.6	123				
Chloroform			1.18	0.0200	1.000	0	118	67.5	129				
1,1,1-Trichloroetha	ne (TCA)		1.18	0.0200	1.000	0	118	74.4	130				
1,1-Dichloropropen	e		1.20	0.0200	1.000	0	120	72.7	131				
Carbon tetrachloride	e		1.21	0.0200	1.000	0	121	73	136				
1,2-Dichloroethane	(EDC)		1.10	0.0300	1.000	0	110	68.7	133				
Benzene			1.12	0.0200	1.000	0	112	74.6	124				
Qualifiers: B	Analyte detected in th	ne associated Method	d Blank		D Dilution wa	s required			E Value	e above quantitation ra	ange		

H Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

R

J Analyte detected below quantitation limits RL Reporting Limit ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: LCS-3091	SampType: LCS			Units: mg/Kg		Prep Dat	te: 8/29/201	12	RunNo: 553	8	
Client ID: LCSS	Batch ID: 3091					Analysis Dat	te: 8/30/201	12	SeqNo: 108	770	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.18	0.0300	1.000	0	118	71.5	134				
1,2-Dichloropropane	1.13	0.0200	1.000	0	113	72.7	133				
Bromodichloromethane	1.13	0.0200	1.000	0	113	76.1	136				
Dibromomethane	1.09	0.0400	1.000	0	109	70	130				
cis-1,3-Dichloropropene	1.16	0.0200	1.000	0	116	59.1	143				
Toluene	1.14	0.0200	1.000	0	114	81.1	123				
trans-1,3-Dichloropropylene	1.16	0.0300	1.000	0	116	49.2	149				
1,1,2-Trichloroethane	1.14	0.0300	1.000	0	114	74.5	129				
1,3-Dichloropropane	1.15	0.0500	1.000	0	115	70	130				
Tetrachloroethene (PCE)	1.18	0.0200	1.000	0	118	64.4	150				
Dibromochloromethane	1.12	0.0300	1.000	0	112	70.6	144				
1,2-Dibromoethane (EDB)	1.11	0.00500	1.000	0	111	70	130				
Chlorobenzene	1.10	0.0200	1.000	0	110	76.1	123				
1,1,1,2-Tetrachloroethane	1.11	0.0300	1.000	0	111	74.8	131				
Ethylbenzene	1.12	0.0300	1.000	0	112	74	129				
m,p-Xylene	2.16	0.0200	2.000	0	108	79.8	128				
o-Xylene	1.11	0.0200	1.000	0	111	77.3	128				
Styrene	1.13	0.0200	1.000	0	113	76.8	130				
Isopropylbenzene	1.14	0.0800	1.000	0	114	70	130				
Bromoform	1.10	0.0200	1.000	0	110	67	154				
1,1,2,2-Tetrachloroethane	1.08	0.0200	1.000	0	108	61.9	139				
n-Propylbenzene	1.10	0.0200	1.000	0	110	78	130				
Bromobenzene	1.04	0.0300	1.000	0	104	49.2	144				
1,3,5-Trimethylbenzene	1.14	0.0200	1.000	0	114	79.7	128				
2-Chlorotoluene	1.08	0.0200	1.000	0	108	76.7	129				
4-Chlorotoluene	1.11	0.0200	1.000	0	111	77.5	125				
tert-Butylbenzene	1.02	0.0200	1.000	0	102	74.2	128				
1,2,3-Trichloropropane	1.05	0.0200	1.000	0	105	67.9	136				
1,2,4-Trichlorobenzene	1.07	0.0500	1.000	0	107	65.6	137				
Qualifiers: B Analyte detected in the	associated Method Blank		D Dilution was	s required			E Value	above quantitation rar	nge		

Qualifiers: В Analyte detected in the associated Method Blank

R

Dilution was required Analyte detected below quantitation limits J

Value above quantitation range E

н Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

RL Reporting Limit ND Not detected at the Reporting Limit



CLIENT: PES Environmental, Inc.

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Project: Former Pac	e Kirkland					volatii	e Organ	ic Compou	nas by EP	A Metho	a 8260	
Sample ID: LCS-3091	SampType: LCS			Units: mg/Kg		Prep Da	nte: 8/29/20	12	RunNo: 553	38		
Client ID: LCSS	Batch ID: 3091					Analysis Da	ite: 8/30/20	12	SeqNo: 108	8770		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
sec-Butylbenzene	1.12	0.0200	1.000	0	112	75.6	133					
4-Isopropyltoluene	1.10	0.0200	1.000	0	110	76.8	131					
1,3-Dichlorobenzene	1.16	0.0200	1.000	0	116	72.8	128					
1,4-Dichlorobenzene	1.25	0.0200	1.000	0	125	72.6	126					
n-Butylbenzene	1.18	0.0200	1.000	0	118	65.3	136					
1,2-Dichlorobenzene	1.18	0.0200	1.000	0	118	72.8	126					
1,2-Dibromo-3-chloropropane	1.17	0.0300	1.000	0	117	64.3	135					
1,2,4-Trimethylbenzene	1.10	0.0200	1.000	0	110	77.5	129					
Hexachlorobutadiene	1.05	0.100	1.000	0	105	42	151					
Naphthalene	1.16	0.0300	1.000	0	116	64	130					
1,2,3-Trichlorobenzene	1.16	0.0200	1.000	0	116	62.1	140					
Surr: 1-Bromo-4-fluorobenzene	0.502		0.5000		100	63.1	141					
Surr: Dibromofluoromethane	0.509		0.5000		102	67.6	119					
Surr: Toluene-d8	0.506		0.5000		101	78.5	126					
Sample ID: MB-3091	SampType: MBLK			Units: mg/Kg		Prep Da	ite: 8/29/20	12	RunNo: 55:	38		
Client ID: MBLKS	Batch ID: 3091					Analysis Da	ite: 8/30/20	12	SeqNo: 108	8771		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Dichlorodifluoromethane (CFC-12)	ND	0.0600										
Chloromethane	ND	0.0600										
Vinyl chloride	ND	0.00200										
Bromomethane	ND	0.0900										
Trichlorofluoromethane (CFC-11)	ND	0.0500										
Chloroethane	ND	0.0600										
1,1-Dichloroethene	ND	0.0500										
Methylene chloride	ND	0.0200										
trans-1,2-Dichloroethene	ND	0.0200										
Qualifiers: B Analyte detected in t	the associated Method Blank	D Dilution was required E V					E Value	Value above quantitation range				
H Holding times for pre	eparation or analysis exceeded	1	J Analyte de	etected below quantitation lin	mits		ND Not o	letected at the Report	ing Limit			
R RPD outside accepte	ed recovery limits		RL Reporting	Limit			S Spike	e recovery outside acc	epted recovery limit	ts		





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3091	SampType: MBLK			Units: mg/Kg		Prep Date:	8/29/20	12	RunNo: 553	8	
Client ID: MBLKS	Batch ID: 3091					Analysis Date:	8/30/20	12	SeqNo: 108	3771	
Analyte	Result	S	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND 0.050	0									
1,1-Dichloroethane	ND 0.020	D									
2,2-Dichloropropane	ND 0.050	C									
cis-1,2-Dichloroethene	ND 0.020	C									
Chloroform	ND 0.020	D									
1,1,1-Trichloroethane (TCA)	ND 0.020	D									
1,1-Dichloropropene	ND 0.020	C									
Carbon tetrachloride	ND 0.020	D									
1,2-Dichloroethane (EDC)	ND 0.030	D									
Benzene	ND 0.020	D									
Trichloroethene (TCE)	ND 0.030	C									
1,2-Dichloropropane	ND 0.020	C									
Bromodichloromethane	ND 0.020	C									
Dibromomethane	ND 0.040	C									
cis-1,3-Dichloropropene	ND 0.020	D									
Toluene	ND 0.020	D									
trans-1,3-Dichloropropylene	ND 0.030	D									
1,1,2-Trichloroethane	ND 0.030	D									
1,3-Dichloropropane	ND 0.050	D									
Tetrachloroethene (PCE)	ND 0.020	D									
Dibromochloromethane	ND 0.030	D									
1,2-Dibromoethane (EDB)	ND 0.0050	0									
Chlorobenzene	ND 0.020	D									
1,1,1,2-Tetrachloroethane	ND 0.030	D									
Ethylbenzene	ND 0.030	D									
m,p-Xylene	ND 0.020	D									
o-Xylene	ND 0.020	C									
Styrene	ND 0.020	C									
Isopropylbenzene	ND 0.080	D									
Qualifiers: B Analyte detected in the	associated Method Blank	D	Dilution wa	as required			E Valu	e above quantitation ra	inge		
H Holding times for prepa	aration or analysis exceeded	J	Analyte de	tected below quantitation lim	nits		ND Not o	letected at the Reporti	ng Limit		
R RPD outside accepted	recovery limits	RL	Reporting I	Limit			S Spike	e recovery outside acco	epted recovery limit	s	





Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: MB-3091	SampType: MBLK			Units: mg/Kg	Prep Date: 8/29/2012			RunNo: 5538			
Client ID: MBLKS	Batch ID: 3091				Analysis Date: 8/30/2012			SeqNo: 108771			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.516		0.5000		103	63.1	141				
Surr: Dibromofluoromethane	0.503		0.5000		101	67.6	119				
Surr: Toluene-d8	0.500		0.5000		100	78.5	126				

Qualifiers: B Analyte dete

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits


Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208108-002ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/29/20	12	RunNo: 553	38	
Client ID: GP-1-7.5	Batch ID: 3091					Analysis Da	te: 8/30/20	12	SeqNo: 109	936	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0743						0	0	30	
Chloromethane	ND	0.0743						0	0	30	
Vinyl chloride	ND	0.00248						0	0	30	
Bromomethane	ND	0.112						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0620						0	0	30	
Chloroethane	ND	0.0743						0	0	30	
1,1-Dichloroethene	ND	0.0620						0	0	30	
Methylene chloride	ND	0.0248						0	0	30	
trans-1,2-Dichloroethene	ND	0.0248						0	0	30	
Methyl tert-butyl ether (MTBE)	ND	0.0620						0	0	30	
1,1-Dichloroethane	ND	0.0248						0	0	30	
2,2-Dichloropropane	ND	0.0620						0	0	30	
cis-1,2-Dichloroethene	ND	0.0248						0	0	30	
Chloroform	ND	0.0248						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0248						0	0	30	
1,1-Dichloropropene	ND	0.0248						0	0	30	
Carbon tetrachloride	ND	0.0248						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0372						0	0	30	
Benzene	ND	0.0248						0	0	30	
Trichloroethene (TCE)	ND	0.0372						0	0	30	
1,2-Dichloropropane	ND	0.0248						0	0	30	
Bromodichloromethane	ND	0.0248						0	0	30	
Dibromomethane	ND	0.0496						0	0	30	
cis-1,3-Dichloropropene	ND	0.0248						0	0	30	
Toluene	ND	0.0248						0	0	30	
trans-1,3-Dichloropropylene	ND	0.0372						0	0	30	
1,1,2-Trichloroethane	ND	0.0372						0	0	30	
1,3-Dichloropropane	ND	0.0620						0	0	30	
Tetrachloroethene (PCE)	ND	0.0248						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	as required			E Value	e above quantitation ran	ge		
H Holding times for prep	aration or analysis exceeded		J Analyte de	tected below quantitation	limits		ND Not d	etected at the Reporting	g Limit		

R RPD outside accepted recovery limits

RL Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208108-002ADUP	SampType: DUP			Units: mg/K	g-dry	Prep Da	te: 8/29/20	12	RunNo: 553	8	
Client ID: GP-1-7.5	Batch ID: 3091					Analysis Dat	te: 8/30/20	12	SeqNo: 109	936	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0372						0	0	30	
1,2-Dibromoethane (EDB)	ND	0.00620						0	0	30	
Chlorobenzene	ND	0.0248						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0372						0	0	30	
Ethylbenzene	ND	0.0372						0	0	30	
m,p-Xylene	ND	0.0248						0	0	30	
o-Xylene	ND	0.0248						0	0	30	
Styrene	ND	0.0248						0	0	30	
Isopropylbenzene	ND	0.0991						0	0	30	
Bromoform	ND	0.0248						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0248						0	0	30	
n-Propylbenzene	ND	0.0248						0	0	30	
Bromobenzene	ND	0.0372						0	0	30	
1,3,5-Trimethylbenzene	ND	0.0248						0	0	30	
2-Chlorotoluene	ND	0.0248						0	0	30	
4-Chlorotoluene	ND	0.0248						0	0	30	
tert-Butylbenzene	ND	0.0248						0	0	30	
1,2,3-Trichloropropane	ND	0.0248						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0620						0	0	30	
sec-Butylbenzene	ND	0.0248						0	0	30	
4-Isopropyltoluene	ND	0.0248						0	0	30	
1,3-Dichlorobenzene	ND	0.0248						0	0	30	
1,4-Dichlorobenzene	ND	0.0248						0	0	30	
n-Butylbenzene	ND	0.0248						0	0	30	
1,2-Dichlorobenzene	ND	0.0248						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0372						0	0	30	
1,2,4-Trimethylbenzene	ND	0.0248						0	0	30	
Hexachlorobutadiene	ND	0.124						0	0	30	
Naphthalene	ND	0.0372						0	0	30	
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required	n limite		E Value	above quantitation ran	nge a Limit		

RL Reporting Limit

R RPD outside accepted recovery limits



Work Order:	1208108								200	SUMMAI	RY REF	PORT
CLIENT:	PES Enviror	nmental, Inc.						•				
Project:	Former Pace	e Kirkland					Volatil	e Organi	ic Compou	nds by EP	A Metho	d 8260
Sample ID: 120810	08-002ADUP	SampType: DUP			Units: mg/	Kg-dry	Prep Da	te: 8/29/20	12	RunNo: 553	38	
Client ID: GP-1-7	7.5	Batch ID: 3091					Analysis Da	te: 8/30/20	12	SeqNo: 109	936	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenz	ene	ND	0.0248						0	0	30	
Surr: 1-Bromo-4-	fluorobenzene	0.646		0.6196		104	63.1	141		0		
Surr: Dibromoflue	oromethane	0.600		0.6196		96.9	67.6	119		0		
Surr: Toluene-d8	3	0.669		0.6196		108	78.5	126		0		
Sample ID: 120810	08-021AMS	SampType: MS			Units: mg/	Kg-dry	Prep Da	te: 8/29/20	12	RunNo: 553	38	
Client ID: GP-8-7	,	Batch ID: 3091			-		Analysis Da	te: 8/30/20	12	SeqNo: 109	938	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromet	hane (CFC-12)	0.755	0.0601	1.002	0	75.4	43.5	121				
Chloromethane		0.898	0.0601	1.002	0	89.7	45	130				
Vinyl chloride		0.974	0.00200	1.002	0	97.3	51.2	146				
Bromomethane		0.551	0.0901	1.002	0	55.1	70	130				S
Trichlorofluorometh	ane (CFC-11)	0.207	0.0501	1.002	0	20.7	52.2	132				S
Chloroethane		0.426	0.0601	1.002	0	42.5	43.8	117				S
1,1-Dichloroethene		0.704	0.0501	1.002	0	70.3	61.9	141				
Methylene chloride		0.858	0.0200	1.002	0	85.7	54.7	142				
trans-1,2-Dichloroet	thene	0.875	0.0200	1.002	0	87.4	52	136				
Methyl tert-butyl eth	er (MTBE)	0.873	0.0501	1.002	0	87.2	54.4	132				
1,1-Dichloroethane		0.803	0.0200	1.002	0	80.2	51.8	141				
2,2-Dichloropropane	e	0.606	0.0501	1.002	0	60.6	36	123				
cis-1,2-Dichloroethe	ene	0.917	0.0200	1.002	0.003505	91.2	58.6	136				
Chloroform		0.912	0.0200	1.002	0	91.1	53.2	129				
1,1,1-Trichloroethar	ne (TCA)	0.904	0.0200	1.002	0	90.3	58.3	145				
1,1-Dichloropropene	e	0.903	0.0200	1.002	0	90.2	55.1	138				
Carbon tetrachloride	e	0.820	0.0200	1.002	0	81.9	53.3	144				
1,2-Dichloroethane	(EDC)	0.931	0.0300	1.002	0	93.0	51.3	139				
Benzene		0.917	0.0200	1.002	0	91.6	63.5	133				
Qualifiers: ^B	Analyte detected in th	e associated Method Blank		D Dilution wa	s required			E Value	e above quantitation ra	ange		

H Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

R

J Analyte detected below quantitation limits RL Reporting Limit

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208108-021AMS	SampType: MS			Units: mg/K	g-dry	Prep Da	te: 8/29/20	12	RunNo: 553	18	
Client ID: GP-8-7	Batch ID: 3091					Analysis Dat	te: 8/30/20	12	SeqNo: 109	1938	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	0.936	0.0300	1.002	0	93.5	68.6	132				
1,2-Dichloropropane	0.946	0.0200	1.002	0	94.5	59	136				
Bromodichloromethane	0.873	0.0200	1.002	0	87.2	50.7	141				
Dibromomethane	0.894	0.0401	1.002	0	89.3	50.6	137				
cis-1,3-Dichloropropene	0.796	0.0200	1.002	0	79.5	52.3	129				
Toluene	0.953	0.0200	1.002	0	95.2	67.8	129				
trans-1,3-Dichloropropylene	0.796	0.0300	1.002	0	79.5	52.2	138				
1,1,2-Trichloroethane	0.923	0.0300	1.002	0	92.2	51.6	137				
1,3-Dichloropropane	0.928	0.0501	1.002	0	92.7	53.1	134				
Tetrachloroethene (PCE)	0.708	0.0200	1.002	0	70.7	44.1	141				
Dibromochloromethane	0.814	0.0300	1.002	0	81.3	55.3	140				
1,2-Dibromoethane (EDB)	0.930	0.00501	1.002	0	92.9	50.4	136				
Chlorobenzene	0.936	0.0200	1.002	0	93.5	60	133				
1,1,1,2-Tetrachloroethane	0.811	0.0300	1.002	0	81.0	53.1	142				
Ethylbenzene	0.941	0.0300	1.002	0	94.0	54.5	134				
m,p-Xylene	1.77	0.0200	2.003	0	88.4	53.1	132				
o-Xylene	0.896	0.0200	1.002	0	89.5	53.3	139				
Styrene	0.873	0.0200	1.002	0	87.2	51.1	132				
Isopropylbenzene	0.893	0.0801	1.002	0	89.2	58.9	138				
Bromoform	0.710	0.0200	1.002	0	70.9	57.9	130				
1,1,2,2-Tetrachloroethane	0.945	0.0200	1.002	0	94.4	51.9	131				
n-Propylbenzene	0.903	0.0200	1.002	0	90.2	53.6	140				
Bromobenzene	0.821	0.0300	1.002	0	82.0	54.2	140				
1,3,5-Trimethylbenzene	0.846	0.0200	1.002	0	84.5	51.8	136				
2-Chlorotoluene	0.854	0.0200	1.002	0	85.3	51.6	136				
4-Chlorotoluene	0.858	0.0200	1.002	0	85.7	50.1	139				
tert-Butylbenzene	0.875	0.0200	1.002	0	87.4	50.5	135				
1,2,3-Trichloropropane	0.852	0.0200	1.002	0	85.1	50.5	131				
1,2,4-Trichlorobenzene	0.990	0.0501	1.002	0	98.9	50.8	130				
Qualifiers: B Analyte detected in the	e associated Method Blank		D Dilution wa	s required			E Value	above quantitation ra	inge		

н Holding times for preparation or analysis exceeded

R

Analyte detected below quantitation limits J

RPD outside accepted recovery limits

Reporting Limit RL

ND Not detected at the Reporting Limit



Project:

CLIENT: PES Environmental, Inc.

Former Pace Kirkland

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: 1208108-021AMS	SampType: MS			Units: mg/	Kg-dry	Prep Da	te: 8/29/20	12	RunNo: 553	38	
Client ID: GP-8-7	Batch ID: 3091					Analysis Da	te: 8/30/20	12	SeqNo: 109	938	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	0.897	0.0200	1.002	0	89.6	52.6	141				
4-Isopropyltoluene	0.894	0.0200	1.002	0	89.3	52.9	134				
1,3-Dichlorobenzene	0.934	0.0200	1.002	0	93.3	52.6	131				
1,4-Dichlorobenzene	1.05	0.0200	1.002	0	105	52.9	129				
n-Butylbenzene	0.940	0.0200	1.002	0	93.9	52.6	130				
1,2-Dichlorobenzene	0.959	0.0200	1.002	0	95.8	55.8	129				
1,2-Dibromo-3-chloropropane	0.875	0.0300	1.002	0	87.4	53	129				
1,2,4-Trimethylbenzene	0.830	0.0200	1.002	0	82.9	50.6	137				
Hexachlorobutadiene	1.09	0.100	1.002	0	109	51.5	130				
Naphthalene	0.901	0.0300	1.002	0	90.0	52.3	124				
1,2,3-Trichlorobenzene	0.974	0.0200	1.002	0	97.3	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.500		0.5008		99.9	63.1	141				
Surr: Dibromofluoromethane	0.488		0.5008		97.4	67.6	119				
Surr: Toluene-d8	0.519		0.5008		104	78.5	126				

NOTES:

S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Qualifiers: B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

- D Dilution was required
- J Analyte detected below quantitation limits
- RL Reporting Limit

- E Value above quantitation range
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Clier	nt Name: PES	Work Order Number:	1208108	
Logo	jed by: Troy Zehr	Date Received:	8/17/2012 3:03:00 PM	N
Cha	ain of Custody			
1	Were custodial seals present?	Yes		wired 🗸
ו. כ	le Chain of Custody complete?	Voc 🗸		
2.	How was the sample delivered?			
3.	now was the sample delivered?	Courier		
Log	<u>y In</u>			
4.	Coolers are present?	Yes 🗹	No 🗌	
5.	Was an attempt made to cool the samples?	Yes 🗹	No 📖	NA
6	Were all coolers received at a temperature of $>0^{\circ}$ C to 10.0° C	Yes 🗸	Νο	
0.	· · · · · · · · · · · · · · · · · · ·			
7.	Sample(s) in proper container(s)?	Yes 🔽	No 🗌	
8.	Sufficient sample volume for indicated test(s)?	Yes 🔽	No 🗌	
9.	Are samples properly preserved?	Yes 🔽	No 🗌	
10.	Was preservative added to bottles?	Yes	No 🔽	NA 🗌
11.	Is there headspace present in VOA vials?	Yes	No 🗌	NA 🔽
12.	Did all sample containers arrive in good condition?(unbroken)	Yes 🗹	No 🗌	
13.	Does paperwork match bottle labels?	Yes	No 🖌	
11	Are matrices correctly identified on Chain of Custody?	Ves 🗸		
14.	Is it clear what analyses were requested?			
10. 16	Were all holding times able to be met?	Ves V		
10.	Were an holding times able to be met:			
Sne	ecial Handling (if applicable)			
17	Was client notified of all discrepancies with this order?	Yes 🔽	No 🗆	
	Person Notified: Leora Dat	e:	8/17/2012	
	By Whom: Troy Zehr Via	eMail 🗌 Phor	ne 🗌 Fax 🗌 In Pers	on
	Regarding: GP-10-7 no sample, yet it is on COC.			
	Client Instructions: Should have been left off Chain, it was it	not sampled.		

18. Additional remarks/Disrepancies

Item Information

Item #	Temp °C	Condition			
Cooler 1	1.9	Good			
Cooler 2	2.4	Good			





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Distribution White - Lab, Yallow - Fila, Pink - Originator

From:	Kelly Rankich
То:	Michael C. Ridgeway;
Subject:	FW: Your new Fremont Analytical, Inc. report for WO# 1208108, Former Pace Kirkland.
Date:	Wednesday, August 29, 2012 9:13:37 AM

Mike, could you please run the following samples that are on hold:

GP-1-7.5 for BTEX with 8260 GP-8-7 for VOCs GP-8-15 for VOCs GP-10-2.5 for GRO, DRO with silica gel, and VOCs

Thanks, Kelly

MEMORANDUM

то:	Project File	DATE:	September 10, 2012
FROM:	Jerry Harris		
SUBJECT:	Laboratory Data Validation Review		
PROJECT:	Former Pace Facility Kirkland, WA		
PROJECT #:	1006.008.01.003		
TASK:	August 17, 2012 Soil Samples		
LAB:	Fremont Analytical Service Request No. 12	08108	

Soil sampling was conducted at the former Pace facility in Kirkland, Washington on August 17, 2012. Thirty-four (34) soil samples were collected from the site. In addition, one trip blank was prepared and shipped with the samples.

Selected soil samples were analyzed for total petroleum hydrocarbons (TPH) as diesel (fuel oil), diesel-range organics (DRO), and heavy oil (HO) by the Northwest TPH Dx (NWTPH-Dx) method, TPH as gasoline by the NWTPH-Gx method, and volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260. The TPH-Dx analyses were performed in two analysis groups (IDs 3009 and 3088); the TPH-Gx analyses were performed in two analysis groups (IDs 5477 and 3031); and the VOC analyses were performed in two primary analysis groups (IDs 3029 and 3091). Laboratory analytical services were provided by Fremont Analytical (FA) of Seattle, Washington. FA Project number: 1208108.

The quality assurance review of the groundwater samples data is summarized below.

DATA QUALIFICATIONS

Guidelines established by USEPA for review of analytical data were used to validate the data. The comments presented in this memorandum refer to the laboratory's performance in meeting the quality control criteria outlined in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999).

DATA VALIDATION

Completeness

All samples were collected and analyzed as requested.

Sample Collection and Preservation

The samples were collected in appropriately preserved containers supplied by the analytical laboratory. The laboratory reported that the samples were received in good condition. The laboratory received the samples in two coolers at temperatures of 1.9 and 2.4 degrees centigrade (°C). The latter cooler temperature was within the USEPA recommended temperature range of $4^{\circ} \pm 2^{\circ}$ C. The former cooler temperature was 0.1°C below the recommended range. The samples in both coolers were appropriately preserved with ice and no shipping anomalies were identified by the laboratory. The samples were received by the laboratory on the day of sample collection within 0.75 hrs of the completion of the sample collection effort. Based upon this information, the 0.1°C exceedance in the first cooler is not considered sufficient cause to warrant qualification of the data because the samples were properly preserved and immediately transported directly to the laboratory on the day of sampling. No data qualifications were warranted based upon the laboratory receipt temperatures.

Holding Times

NWTPH-Dx

The extractions and analyses for the NWTPH-Dx method were performed within the recommended 14 day holding time limit for soil samples.

NWTPH-Gx

The analyses for the NWTPH Gx method were performed within the recommended 14 day holding time limit for soil samples except for sample GP-10-2.5, which was analyzed 19 days after collection. Based upon this exceedance, the NWTPH-Gx result for sample GP-10-2.5 is qualified as estimated and assigned a J flag. The laboratory report page showing the qualification is attached. The five-day exceedance was not considered sufficient cause to warrant rejection of the data due to proper preservation while at the laboratory. No other qualifications were warranted.

USEPA Method 8260

The analyses for VOCS were performed within the recommended 14 day holding time limit for soil samples. No data were qualified based upon holding times.

Initial Calibration

Hard copies of the initial calibration verification (ICV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in initial calibration results associated with the project analyses if they occur. No discrepancies were reported; therefore no data qualifications were warranted.

Continuing Calibration

Hard copies of the continuing calibration verification (CCV) data for this project are not required in the data deliverable. The laboratory is required to discuss discrepancies in continuing calibration results associated with the project analyses. No discrepancies were reported; therefore no data qualifications were warranted.

Method Blank Results

NWTPH-Dx

Two method blanks were analyzed with the two analysis groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the Method Reporting Limits (MRLs). No data qualifications were warranted.

NWTPH-Gx

Two method blanks were analyzed with the two analysis groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

USEPA Method 8260

Two method blanks were analyzed with the two primary analysis groups. This meets the required method blank frequency for the analytical method. The method blank results did not report any compounds at concentrations at or above the MRLs. No data qualifications were warranted.

Trip Blank Results

A trip blank was prepared and shipped with the samples but was not analyzed. Trip blank analyses were not required for this sampling event.

Field Duplicate Analyses

No field duplicates were required or collected during this field event.

Laboratory Duplicate Analyses

NWTPH-Dx

The laboratory prepared one duplicate soil sample for analysis group 3009 from project sample GP-1-1 and one duplicate for analysis group 3088 from sample GP-10-2.5. The primary and laboratory duplicate pairs were analyzed by the NWTPH Dx method. The relative percent differences (RPD) for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

NWTPH-Gx

The laboratory prepared two duplicate soil samples; one for each of the two analysis groups. For analysis group 5477, a duplicate was prepared from primary sample GP-10-22. For analysis group 3031, the duplicate was prepared from a batch (non-project) sample. The primary and laboratory duplicate pairs were analyzed by the NWTPH Gx method. The RPD for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data were qualified.

USEPA Method 8260

The laboratory prepared a duplicate soil sample for batch 3029; the duplicate was prepared from

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project sample GP-10-22. The RPDs for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. For batch 3091, one duplicate was prepared from project sample GP-10-22. The RPDs for all target analyte pairs in the primary and duplicate samples were within the laboratory control criteria of 30 RPD. No data qualifications were warranted.

Surrogate Recoveries

NWTPH-Dx

The surrogate percent recovery (%R) results for all NWTPH Dx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 50 to 150%R.

NWTPH-Gx

The surrogate %R results for all NWTPH Gx soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits of 65 to 135%. No data qualifications were warranted.

USEPA Method 8260

The surrogate %R results for all USEPA Method 8260 soil samples, laboratory control samples, matrix spikes, duplicates and method blanks were within the laboratory surrogate control limits. No data qualifications were warranted.

Laboratory Control Samples

NWTPH-Dx

Two laboratory control samples (LCS) were prepared and analyzed; one for each analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

NWTPH-Gx

Two laboratory control samples (LCS) were prepared and analyzed; one for each analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted.

USEPA Method 8260

Two LCSs were prepared and analyzed; one for each analytical batch. The LCS %Rs for all target analytes were within the laboratory control limits. No qualifications were warranted. For the re-analysis batches (5418 and 5611), the primary LCS results apply. The laboratory reported CCV results for batch 5418 and ICV results for batch 5611. These results are discussed in the CCV and ICV sections above.

Matrix Spike/Matrix Spike Duplicates

NWTPH-Dx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Dx method.

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NWTPH-Gx

Matrix spikes and matrix spike duplicates (MS/MSD) are not required for the NWTPH Gx method.

USEPA Method 8260

Two soil MSs were prepared and analyzed with the project samples; one for each of the analytical batches. Sample duplicates were analyzed in lieu of MSDs for the samples. This is acceptable. The MS %Rs for all target analytes in analytical batch 3029 were within the laboratory control limits except for bromomethane, trichlorofluoromethane and chloroethane. The %Rs for these compounds were below the lower control limit, indicating a potential matrixinduced variability in sample results for these compounds. However, because the MS for this batch was prepared from a batch (non-project) sample, the compounds were not detected in any project samples, and because there were no other quality control issues associated with these compounds in the remaining quality control data, the MS exceedances are not considered sufficient cause to warrant qualification of the data. No data in analytical group 3029 were qualified. For analytical batch 3091, the MS %Rs for all target analytes were within the laboratory control limits except for bromomethane, trichlorofluoromethane and chloroethane. These compounds were not detected in any project samples and because there were no other quality control issues associated with these compounds in the remaining quality control data, the MS exceedances are not considered sufficient cause to warrant qualification of the data. No data in analytical group 3091 were qualified. No other qualifications were warranted.

Other Quality Control Issues

No other laboratory quality control issues were identified in the laboratory report.

Quantitation Limits

The MRLs were acceptable for the project; therefore, no data qualifiers were assigned.

Data Assessment

The NWTPH-Gx result for sample GP-10-2.5 is qualified as estimated and assigned a J flag. The laboratory report page with the indicated qualifier is attached. All data, including the J qualified data, are judged to be acceptable for their intended use. No data was rejected.



Analytical Report

WO#: **1208108** Date Reported: **9/6/2012**

Client: PES Environmental, Inc. Project: Former Pace Kirkland				Collection	Date: 8/1	17/2012 1:10:00 PM
Lab ID: 1208108-029				Matrix: Sc	oil	
Client Sample ID: GP-10-2.5						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-D)x/Dx Ext.			Batch	n ID: 3088	Analyst: BR
Diesel (Fuel Oil)	ND	18.7		mg/Kg-dry	1	8/31/2012 2:41:00 AM
Heavy Oil	ND	46.7		mg/Kg-dry	1	8/31/2012 2:41:00 AM
Surr: 2-Fluorobiphenyl	115	50-150		%REC	1	8/31/2012 2:41:00 AM
Surr: o-Terphenyl	111	50-150		%REC	1	8/31/2012 2:41:00 AM
Gasoline by NWTPH-Gx				Batch	n ID: 3130	Analyst: EM
Gasoline	ND J	4.05	Н	mg/Kg-dry	1	9/5/2012 11:32:00 AM
Surr: 1,2-Dichloroethane-d4	97.6	65-135	Н	%REC	1	9/5/2012 11:32:00 AM
Surr: Fluorobenzene	97.5	65-135	н	%REC	1	9/5/2012 11:32:00 AM
Volatile Organic Compounds by E	PA Method 8	260		Batch	n ID: 3091	Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0578		ma/Ka-drv	1	8/30/2012 6:38:00 PM
Chloromethane	ND	0.0578		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Vinvl chloride	ND	0.00193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Bromomethane	ND	0.0866		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0481		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Chloroethane	ND	0.0578		mg/Kg-dry	1	8/30/2012 6:38:00 PM
1,1-Dichloroethene	ND	0.0481		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Methylene chloride	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
trans-1,2-Dichloroethene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.0481		mg/Kg-dry	1	8/30/2012 6:38:00 PM
1,1-Dichloroethane	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
2,2-Dichloropropane	ND	0.0481		mg/Kg-dry	1	8/30/2012 6:38:00 PM
cis-1,2-Dichloroethene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Chloroform	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
1,1-Dichloropropene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Carbon tetrachloride	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
1,2-Dichloroethane (EDC)	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Benzene	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Trichloroethene (TCE)	ND	0.0289		mg/Kg-dry	1	8/30/2012 6:38:00 PM
1,2-Dichloropropane	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM
Bromodichloromethane	ND	0.0193		mg/Kg-dry	1	8/30/2012 6:38:00 PM

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit