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August 18, 2016

Ms. Karel Detterman
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

I, Michael Waltz, hereby authorize ERAS Environmental, Inc. to submit the Limited Phase II Subsurface Investigation for 1814-1818 Everett Street & 2514-2516 Clement Avenue, Alameda, California, dated August 16, 2016 to the Alameda County Health Care Services Agency.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Signature: Michael Waltz

Printed Name: Michael Waltz

Mr. Michael Waltz
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LIMITED PHASE II SUBSURFACE INVESTIGATION

AT

1814-1818 Everett Street
2514-2516 Clement Avenue
Alameda, California 94501

ERAS PROJECT NUMBER: 16-001-02
Alameda County Fuel Leak Case No. RO0003193
GeoTracker Global ID T10000007934

Prepared for

Mr. Michael Waltz
Michael J. Waltz Trust
9524 West Cottonwood Drive
Sun City, Arizona 85373

August 16, 2016

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CERTIFICATION

This **Limited Phase II Subsurface Investigation** at 1814-1818 Everett Street and 2514-2516 Clement Avenue in Alameda, California, has been prepared by ERAS Environmental, Inc. (ERAS) under the professional supervision of the Registered Professional Geologist whose signature appears hereon.

This report was prepared in general accordance with the accepted standard of practice that exists in Northern California at the time the investigation was performed. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the conditions present. More extensive studies, including additional environmental investigations, can tend to reduce the inherent uncertainties associated with such studies.

Our firm has prepared this work plan for the Client's exclusive use for this particular project and in accordance with generally accepted professional practices within the area at the time of our investigation. No other representations, expressed or implied, and no warranty or guarantee is included or intended.

This report may be used only by the client and only for the purposes stated within a reasonable time from its issuance. Land use, site conditions (both on-site and off-site) or other factors may change over time, and additional work may be required with the passage of time. Any party other than the client who wishes to use this report shall notify ERAS of such intended use. Based on the intended use of report, ERAS may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release ERAS from any liability resulting from the use of this report by any unauthorized party.

Sincerely,
ERAS Environmental, Inc.

Curtis Payton
California Registered Professional Geologist 5608

Andrew Savage
Project Geologist

August 16, 2016

1.0 INTRODUCTION

The following report presents the results of the collection of soil and groundwater samples at a commercial site located at 1814-1818 Everett Street and 2514-2516 Clement Avenue in Alameda, California (the "Property").

Two underground storage tanks (USTs) (500-gallon waste oil UST and 2,000-gallon gasoline UST) were removed from the Property in 2015 along with three underground hydraulic lifts. At the time of removal concentrations of contamination were found to be present above regulatory limits in soil and groundwater samples collected from the vicinity of the former USTs and hydraulic lifts.

This investigation was conducted to further assess the extent of contamination near the former USTs and hydraulic lifts so that an environmental site case closure can be obtained from the Alameda County Environmental Health Care Services Agency (ACHCSA). This investigation was proposed to ACHCSA by ERAS in a work plan dated March 4, 2016 which was approved by ACHCSA in correspondence dated May 10, 2016.

The Property consists of two parcels with the Alameda County Assessor's numbers 70-166-27 and 70-166-2 located on the south corner of the intersection between Everett Street and Clement Avenue in the southeastern portion of the City of Alameda. The Property is located approximately 750 feet southwest of the tidal channel which connects the San Francisco Bay and Oakland Inner Harbor to San Leandro Bay.

The location of the Property is shown on **Figure 1**. The layout of the Property is shown on **Figure 2**.

1.1 BACKGROUND

The history and the description of the Property is based on information obtained during a Phase 1 Environmental Site Assessment (ESA) project performed by ERAS in 2015. The Property was located in an area of commercial land use and was occupied by an auto body shop, a residence and concrete paved parking and outside storage areas.

The Property appeared to have been used for residences from at least 1897 through at least 1950. All dwellings on the Property were demolished except for 1818 Everett Street and the remainder of the Property was developed for commercial uses from the early 1960's, including a gift shop and auto service garages. By 1972, Alameda Auto Body occupied the commercial portion of the Property.

1814 Everett Street

A residential building at 1814 Everett Street was demolished in 1963 and was replaced with the current garage and office. By 1972 Alameda Auto Body occupied the 1814 Everett Street building.

1818 Everett Street

A residential building was not identified on the Property until after 1950. A block fence was added between the residence at 1818 Everett Street and 2514 Clement Avenue in 1970.

2514 Clement Avenue

In 1911, a single story, 5 room dwelling was developed on the 2514 Clement Avenue parcel. In 1926, a garage was developed on the parcel. In 1948 and 1950, a dwelling was located on the parcel. In 1986 the building on the parcel was demolished.

2516 Clement Avenue

In 1897 a dwelling was located on this parcel. In 1948 and 1950 the building on the parcel was identified as a dwelling. In 1960 partitions were removed from a building, which was identified as a gift shop in 1962. In 1964 a warehouse on the parcel was demolished and in 1965 the current service garage was constructed.

1.2 PREVIOUS SUBSURFACE INVESTIGATIONS

During the ESA project ERAS identified the presence of a 500-gallon waste oil UST, 2,000-gallon gasoline UST, and three underground hydraulic lifts. Environmental Restoration Services (Enrest) performed the removal of these five items in August and September of 2015.

Groundwater was encountered in the gasoline UST excavation at a depth of 7.5 feet below ground surface (bgs). A groundwater sample collected from the base of the excavation was analyzed for volatile organic compounds (VOCs) by EPA Method 8260 and total petroleum hydrocarbons quantified as gasoline range organics (TPH-gro[1]), total petroleum hydrocarbons quantified as diesel range organics (TPH-dro), and oil range organics (TPH-oro) by EPA method 8015, and dissolved lead.

A soil sample was collected from below the base of the waste oil UST from a depth of 7 feet bgs and was analyzed for VOCs by EPA Method 8260, TPH-gro, TPH-dro, and TPH-oro by EPA method 8015, polychlorinated biphenyls (PCBs) by EPA method 8082, semi volatile organic compounds (SVOCs) by EPA method 8270, and LUFT 5 metals.

Soil samples were also collected from a depth of 8 feet bgs by Enrest from beneath each of the lifts after removal. The samples were analyzed for petroleum hydrocarbons in the TPH-dro and oro range which also includes hydraulic oil. No testing of the soil for PCBs was conducted. These soil samples also appear to have been collected from the groundwater bearing zone yet no groundwater sample was collected by Enrest.

[1] TPH-gro, TPH-dro, and TPH-oro are methods that compare analytical results to standards for gasoline, diesel and motor oil, respectively. Therefore, analytical results are estimates of quantities based on what would be expected for the range of hydrocarbon results for the standard. Gasoline range organics (gro) are those hydrocarbon compounds that are in the range of C6 to C10, diesel range organics (dro) are those hydrocarbon compounds that are in the range of C10 to C23, and oil range organics (oro) are those hydrocarbon compounds that are in the range of C18 to C36. There can be overlap in reporting methods as well as identification of compounds that fall within the standard that may not necessarily be derived from gasoline, diesel, or oil.

The results of the soil and groundwater sampling are included as **Tables 1-5**. The results of the soil sampling indicated the former presence of the gasoline UST and underground hydraulic lifts on the Property impacted the subsurface environmental conditions beneath the Property with contaminants at concentrations above the environmental screening limits (ESLs) set forth by the Regional Water Quality Control Board (RWQCB) as of December 2013.

2.0 REGIONAL GEOLOGY/HYDROLOGY

The Property is in the southeastern part of the City of Alameda, in the eastern part of the San Francisco Bay Area. The San Francisco Bay Area occupies the central part of the Santa Clara Valley, a broad alluvial valley that slopes gently northward toward San Francisco Bay and is flanked by alluvial fans deposited at the foot of the Diablo Range to the east and the Santa Cruz Mountains to the west (Goldman, 1967). The upland surfaces rising abruptly approximately 2.5 miles to the northeast of the Property are known as the East Bay Hills.

Surface topography in the vicinity of the Property slopes gently to the northeast. The Property is at an elevation of approximately 15-20 feet above Mean Sea Level according to the United States Geological Survey (USGS) Oakland East Quadrangle California 7.5 Minute Series topographic map. Regionally, topography in the area of the Property slopes down to the east toward the Tidal Canal between the San Leandro Bay and Oakland Inner Harbor portion of the San Francisco Bay.

The sediments in the vicinity of the Property are fine-grained alluvial sediments that represent distal deposits of alluvial fans that were deposited by rivers draining upland surfaces to the east of the Property. These sediments were deposited in a low energy environment on the margins of San Francisco Bay (Helley, et al, 1974). At shallow depths beneath these sediments are a series of Recent-age (<10,000 years) blue clay layers that become increasingly thicker toward San Francisco Bay. These clay layers are known as the Bay Mud and were deposited in San Francisco Bay during higher stands of sea level. In the vicinity of the Property it is likely that these sediments overlie bedrock of the Jurassic-aged Franciscan Assemblage.

The subject site is located on the San Francisco Bay Plain in the northernmost part of the Santa Clara Valley Groundwater Basin, (RWQCB, 1986), the surface of which slopes gently down toward San Francisco Bay. The regional groundwater flow follows the topography, moving from areas of higher elevation to areas of lower elevation. In this area the groundwater flow direction is inferred to be to the northeast toward the tidal channel although the gradient is expected to be very low and may be variable due to local influences on groundwater.

3.0 WORK PERFORMED

3.1 SCOPE OF INVESTIGATION

The scope of work conducted by ERAS for this investigation was as follows.

- Obtained a permit for drilling from the Alameda County Public Works Department (ACPWD).

- Cleared the boring locations for the presence of utilities by notifying Underground Service Alert and employing a private underground locating/clearance service.

- Advanced four borings using a direct push sample rig to approximately 12 feet in the vicinity of the former gasoline USTs. These borings were continuously logged by a field geologist.

- Advanced three borings using a direct push sample rig to approximately 12 feet in the vicinity of the former underground hydraulic lifts. These borings were continuously logged by a field geologist.

- Advanced one boring using a direct push sample rig to approximately 12 feet in the vicinity of the former waste oil tank.

- Collected soil samples from approximately 0-5 feet below ground surface (bgs) and 5-10 feet bgs for analysis.

- Collected groundwater samples from each boring for analysis.

- Analyzed the soil and groundwater samples collected from the vicinity of the former gasoline UST for TPH-dro and TPH-oro by EPA method 8015, TPH-gro and the full VOC list by EPA Method 8260.

- Analyzed the soil and groundwater samples in the vicinity of the former underground hydraulic lifts and waste oil UST for TPH-ho, TPH-dro, and TPH-oro by EPA method 8015, SVOCs by EPA Method 8270, along with PAHs by Select Ion Monitoring (SIM) Mode, VOCs by EPA method 8260, and polychlorinated biphenyls (PCBs) by EPA method 8082.

- Conducted a well survey and sensitive receptor survey.

- Prepared a report detailing the field procedures and results of the investigation.

3.2 FIELD WORK COORDINATION

ERAS procured a drilling permit from the ACPWD prior to drilling activities, a copy of the permit is included as **Appendix A**.

The boring locations were marked with paint and Underground Service Alert notified at least 48 hours in advance to give owners of underground utilities an opportunity to mark their lines. Prior to drilling, each boring location will be cleared using a private underground utility locator.

3.3 BORING LOCATIONS AND SAMPLING

Groundwater Sampling

The locations of the borings are shown on **Figure 2**. The Standard Operating Procedures for direct-push sampling is included in **Appendix B**.

Four borings (B-1, B-2, B-3, and B-4) were advanced using a direct push sample rig to 12 feet bgs in the vicinity of the former gasoline UST in an attempt to horizontally delineate the extent of the contamination.

One boring (B-5) was advanced using a direct push sample rig to 12 feet in the vicinity of the former waste oil UST in an attempt to determine potential environmental impact.

Three borings (B-6, B-7, and B-8) were advanced using a direct push sample rig to 12 feet in the vicinity of the former underground hydraulic lifts.

All borings were advanced by Environmental Control Associates (ECA) of Aptos, California, on July 7, 2016. Soil was continuously cored for lithologic logging and monitored using an organic vapor meter (OVM) for indications of contamination. The soil cores were logged by ERAS geologist Andrew Savage.

A soil sample was collected from approximately 0-5 feet below ground surface (bgs) and 5-10 feet bgs for analysis from each boring along with a groundwater sample. The soil and groundwater samples were kept chilled pending transport under chain-of-custody procedures to a California certified environmental analytical laboratory.

The lithology encountered beneath the asphalt/concrete surface consisted of 0.5-1.5 feet of base rock underlain by silty sand. Groundwater was encountered at depths ranging from 5.25-6.25 feet bgs. No evidence of VOC or petroleum hydrocarbon impact was observed in the form of strong odors, discoloration or elevated OVM readings. The lithologic logs are included in **Appendix C**.

3.4 ANALYTICAL RESULTS

The soil and groundwater samples collected from the vicinity of the former gasoline UST were analyzed for TPH-dro and TPH-oro by EPA method 8015, TPH-gro and the full VOC list by EPA Method 8260.

The soil and groundwater samples in the vicinity of the former underground hydraulic lifts and waste oil UST were analyzed for TPH-ho, TPH-dro, and TPH-oro by EPA method 8015, SVOCs by EPA Method 8270, along with PAHs by Select Ion Monitoring (SIM) Mode, VOCs by EPA method 8260, and polychlorinated biphenyls (PCBs) by EPA method 8082.

Soil

The only detected contaminants detected in soil above their respective ESL's were phenol and

benzo (a) pyrene. The tabulated results are displayed on **Table 1**, **Table 2**, and **Table 3**.

Phenol was detected at concentrations ranging from 0.59-2.7 mg/Kg in soil samples collected from borings B-5, B-6, B-7, and B-8. These concentrations exceeded the Tier 1 ESL for phenol of 0.076 mg/Kg. The Tier 1 ESL for phenol was based on the potential for leaching to groundwater. The concentrations detected in these borings are below the ESL for direct exposure.

One sample from a depth of 2.5-3 feet bgs in boring B-8 was found to contain benzo (a) pyrene at a concentration of 0.075 mg/Kg which exceeds the ESL for direct exposure of 0.016 mg/Kg. No concentration of benzo (a) pyrene was detected above the method detection limit in the deeper soil sample collected from 5.5-6 feet bgs.

No concentrations of TPH-oro, TPH-dro, TPH-gro, or VOCs were detected above their respective ESL's in the soil samples collected from the vicinity of the former gasoline UST.

No concentrations of TPH-ho, TPH-dro, TPH-oro, VOCs, and PCBs were detected above their respective ESL's in the soil samples collected from the vicinity of the former waste oil UST and hydraulic lifts.

Groundwater

TPH-gro was detected in the groundwater ranging from 16 µg/L to 270 µg/L. The only borings which contained concentrations of TPH-gro above the ESL of 100 µg/L were borings B-7 (170 µg/L) and boring B-8 (270 µg/L). These were the two borings located in the vicinity of the former hydraulic lifts on the eastern corner of the Property. The ESL for TPH-gro is based on odor nuisance.

A concentration of TPH-dro at 280 µg/L was also detected in the sample collected from boring B-7. No other concentrations of TPH-dro were found to be present in groundwater exceeding the ESL. The ESL for TPH-dro is based on odor nuisance.

A concentration of TPH-oro/ho was only found to be present in the groundwater above the ESL in boring B-7 at a concentration of 740 µg/L which exceed the ESL of 100 µg/L.

No concentrations of VOCs in groundwater were found to exceed their respective ESLs with the exception of naphthalene which was detected at a concentration of 5.1 µg/L in boring B-6 and 1.4 µg/L in boring B-7. Both of these concentrations exceeded the ESL for naphthalene of 0.17 µg/L which is based on direct exposure but were below the ESL of 170 µg/L for a vapor concern.

The tabulated results for the analysis of groundwater are displayed on **Table 4** and **5**.

4.0 UPDATED SITE CONCEPTUAL MODEL

A summary of the current site conceptual model is included on **Table 6** and the current data gaps and proposed investigation are summarized on **Table 7**.

4.1 HYDROGEOLOGIC SETTING

Shallow groundwater has been observed approximately 5.25 to 7.50 feet bgs. The shallow water-bearing zone appears to be located in silty sand and likely is tidally influenced. The base of the shallow water bearing zone has not been determined.

ERAS performed research to assess whether groundwater in the area of the Property would be considered potable or non-potable drinking water.

At the Xtra Oil leak site at 1701 Park Street, located approximately 900 feet to the west, electrical conductivity measurements indicate values in groundwater that range from less than 10 to greater than 20,000 micro Siemens per centimeter (µS/cm). Most of the measurements are more than 500 to more than 1,200 µS/cm (P&D Environmental, Inc., 2014). These measurements are at the upper end of electrical conductivity for potable water in the United States of 30-1,500 µS/cm (RWQCB, 2004).

At the Alameda Point Naval Air Station, the OU-5/FISCA IR-02 study site, the average measured values of total dissolved solids (TDS) was reported to be 16,075 mg/L, above the State Water Resources Control Board criterion of 3,000 mg/L for drinking water (Department of the Navy, 2015).

Based on this off-site data it appears likely the groundwater beneath the Property would be considered to be non-potable or just marginally potable groundwater for the purposes of consumption. It should be noted too that the Property location is even closer to the Oakland Inner Channel than the locations of some of these water quality measurements.

4.2 EXTENT OF CONTAMINATION

Gasoline UST

Groundwater in the vicinity of the former gasoline UST was previously determined (at the time the UST was removed) to have been impacted by TPH-gro (738 µg/L) and TPH-oro (112 µg/L) at concentrations above their respective ESLs. Benzene (51.2 µg/L), toluene (75 µg/L), and xylene (110 µg/L) were also detected above their respective ESL's.

No concentrations of TPH-dro, TPH-oro, TPH-gro, and VOC were detected above their respective ESLs in the soil and groundwater samples collected from borings B-1, B-2, B-3, and B-4.

The extent of this contamination has been adequately characterized by borings B-1, B-2, B-3, and B-4. The contamination associated with the former gasoline UST appears to be very limited in extent in a close vicinity to the former UST location.

Waste Oil UST

No concentrations of the contaminants of concern were determined to be present in the soil beneath the former waste oil UST above their respective ESLs at the time of removal.

During the most recent investigation the soil and groundwater samples in the vicinity of the former waste oil UST were analyzed for TPH-ho, TPH-dro, TPH-oro, SVOCs, PAHs, VOCs, and PCBs.

Soil samples collected during this investigation only contained a concentration of phenol above the ESL. Phenol was detected at a concentration of 0.69 mg/Kg at a depth of 3.5-4 feet bgs and <0.96 mg/Kg at a depth of 4.5-5 feet bgs. The ESL for phenol in soil is 0.076 mg/Kg and is based on potential leaching to groundwater. The extent of this contaminant appears to be limited in extent. Moreover, since groundwater results for SVOCs in the same borings indicate that only 1 boring (B-5) yielded results for phenol above the reporting limit and well below the groundwater ESL of 5 µg/L, the soil results need not be used to predict groundwater risk. Therefore, the extent of contamination has been adequately characterized for Phenol and other contaminants of concern.

No concentrations of the contaminants of concern were detected in groundwater above their respective ESLs.

Underground Hydraulic Lifts

No concentrations of petroleum hydrocarbons were determined to be present in the soil samples collected from beneath the former underground hydraulic lifts above their respective ESLs at the time of removal. No analysis for PCBs in the soil beneath the hydraulic lifts was conducted at the time of removal. These soil samples also appear to have been collected from the groundwater bearing zone yet no groundwater sample was collected.

During the most recent investigation the soil and groundwater samples in the vicinity of the former hydraulic lifts were analyzed for TPH-ho, TPH-dro, TPH-oro, SVOCs, PAHs, VOCs, and PCBs.

Soil samples collected during this investigation only contained a concentration of phenol and benzo (a) pyrene above the ESL.

Phenol was detected at a concentration of 0.59-2.7 mg/Kg in the soil samples collected from borings B-6, B-7, and B-8. The ESL for phenol in soil is 0.076 mg/Kg and is based on potential leaching to groundwater. No concentrations were detected in groundwater indicating that this contaminant is limited in extent. Moreover, since groundwater results for SVOCs in the same borings indicate that only 1 boring (B-8) yielded results for phenol above the reporting limit and well below the groundwater ESL of 5 µg/L, the soil results need not be used to predict groundwater risk. Therefore, the extent of contamination has been adequately characterized

for phenol and other contaminants of concern.

One sample from a depth of 2.5-3 feet bgs in boring B-8 was found to contain benzo(a)pyrene at a concentration of 0.075 mg/Kg which exceeds the ESL for soil of 0.016 mg/Kg which is based on a residential soil exposure model. No concentration of benzo(a)pyrene was detected above the method detection limit in the deeper soil sample collected from 5.5-6 feet bgs. This contaminant appears to be limited in extent. Since this site is not likely to be used for residential purposes in the foreseeable future, the commercial industrial ESL for benzo(a)pyrene (0.29 mg/kg) is more appropriate for risk assessment. The benzo(a)pyrene results for the soil sample for B-8 fall below this ESL. Moreover, since groundwater results for SVOCs in the same boring indicates the groundwater sample did not yield results for benzo(a)pyrene above the reporting limit, the soil results need not be used to predict groundwater risk. Therefore, the extent of contamination has been adequately characterized for benzo(a)pyrene.

No concentrations of TPH-ho, TPH-dro, TPH-oro, VOCs, and PCBs were detected above their respective ESL's in the soil samples collected from the vicinity of the former hydraulic lifts.

During the most recent investigation the groundwater samples in the vicinity of the former hydraulic lifts were found to contain concentrations of TPH-gro, TPH-dro, TPH-oro, and TPH-ho above their respective ESL's

Borings B-7 and B-8 yielded concentrations of TPH-gro in groundwater above the ESL of 100 µg/L. Boring B-7 yielded 170 µg/L (TPH-gro) and boring B-8 yielded 270 µg/L (TPH-gro). These were the two borings located in the vicinity of the former hydraulic lifts on the eastern corner of the Property. The ESL for TPH-gro is based on odor nuisance.

A concentration of TPH-dro at 280 µg/L was also detected in the groundwater sample collected from boring B-7. No other concentrations of TPH-dro were found to be present exceeding the ESL. The ESL for TPH-dro is based on odor nuisance.

A concentration of TPH-oro/ho was only found to be present in groundwater above the ESL in boring B-7 at a concentration of 740 µg/L which exceed the ESL of 100 µg/L.

No concentrations of SVOC's in groundwater were found to exceed their respective ESLs with the exception of naphthalene which was detected at a concentration of 5.1 µg/L in boring B-6 and 1.4 µg/L in boring B-7. Both of these concentrations exceeded the ESL for naphthalene of 0.17 µg/L which is based on direct exposure. However, the shallow groundwater from which the samples were collected is generally recognized as unsuitable for consumption based on salinity and total dissolved solids (TDS). Therefore, the fresh water ecotoxicity or residential vapor intrusion ESL for naphthalene (24 and 20 mg/kg, respectively) would be the next more conservative ESL comparison tools for risk assessment. The naphthalene result for the groundwater samples for B-6 and B-7 fall below this ESL.

Proposed Work

As indicated on **Table 7** ERAS proposes that three additional borings be advanced in the

vicinity of the former hydraulic lifts in an attempt to characterize the extent of petroleum impacted groundwater.

4.3 WELL SURVEY

A well survey has been conducted for the Property. ERAS requested all well data for a 1,500-foot radius from the Alameda County Public Works Department and the State of California Department of Water Resources. Only one site was identified which contained a well for commercial or residential water supply. This site was Latitude: 37.777002 Longitude: -122.240624 in Oakland. This site was located approximately 2,800 feet to the northwest of the Property across the tidal channel. Based on the distance and direction contamination associated with the Property is unlikely to impact this well.

A table of identified wells within the 1,500-foot radius and a map displaying the location of Latitude: 37.777002 Longitude: -122.240624 in relation to the Property is included in **Appendix E**.

5.0 REFERENCES

Alameda County Environmental Health Services, Technical Report Request for Fuel Leak Case No. RO0003193 and GeoTracker Global ID T10000007934, Waltz Living Trust, 1818 Everett Street, Alameda, CA 94501, January 21, 2016.

Alameda County Environmental Health Services, Technical Report Request for Fuel Leak Case No. RO0003193 and GeoTracker Global ID T10000007934, Waltz Living Trust, 1818 Everett Street, Alameda, CA 94501, May 10, 2016.

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Department of the Navy, Amendment to the Record of Decision OU-5/FISCA IR-02 Groundwater, Alameda Point and FISCA, Alameda, California, April 2015.

Environmental Restoration Services, Underground Tank Technical Closure Report, 1814 Everett Street, Alameda, California, August 31, 2015.

Environmental Restoration Services, Report of Hydraulic Hoist Removals at 1814 Everett Street, Alameda, California, September 16, 2015.

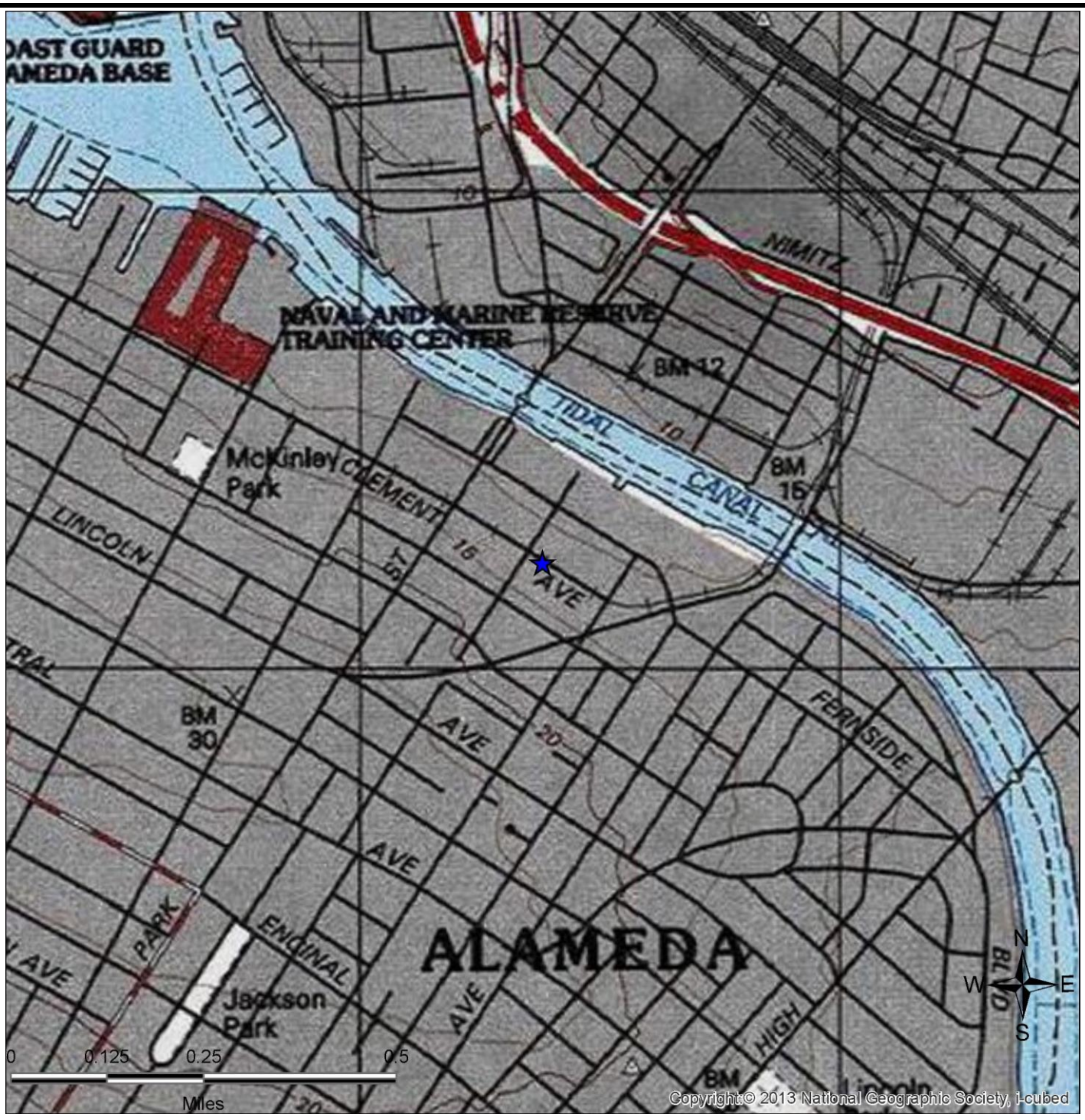
ERAS Environmental, Inc., Phase 1 Environmental Site Assessment, 1814-1818 Everett Street, 2514-2516 Clement Street, Alameda, California, May 22, 2015.

ERAS Environmental, Inc., Work Plan for Limited Phase II Subsurface Investigation, 1814-1818 Everett Street, 2514-2516 Clement Street, Alameda, California, March 4, 2016.

Goldman, Harold B., Geology of Burlingame Bay prepared for Burlingame Bay Conservation and Development Commission, February 1967.

P&D Environmental, Inc., Post-Sparging Pilot Test Rebound Evaluation Report Certification, County Case # RO 191, Xtra Oil Company, 1701 Park Street, Alameda, CA, November 13, 2014.

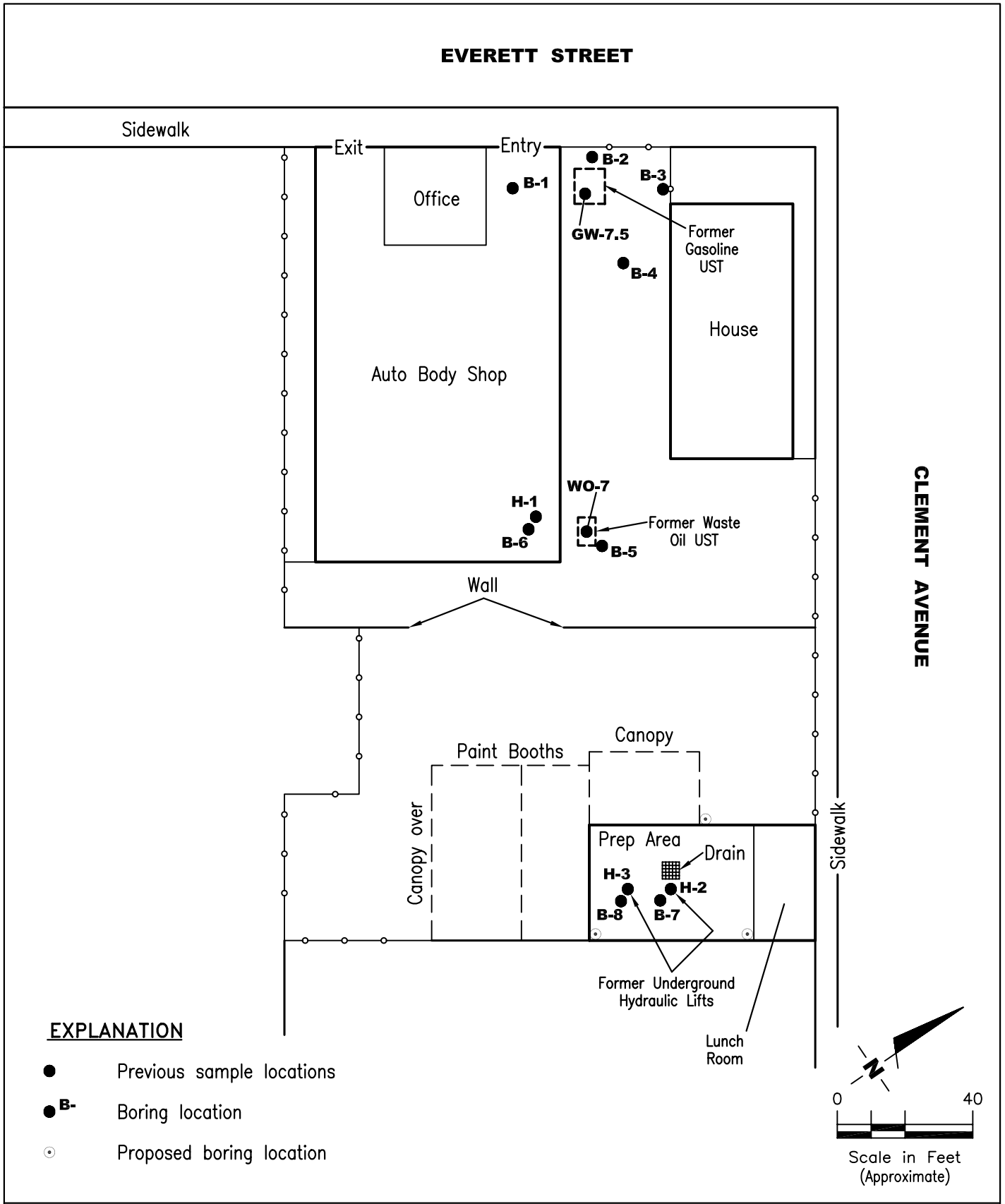
FIGURES AND TABLES



SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. Oakland East Quadrangle, 7.5 Minute Series

ERAS Environmental, Inc.	1814 Everett St. Alameda, CA	FIGURE: 1 JOB: 15095 DATE: 5/7/2015



BORING LOCATION MAP

DATE 07/18/2016 REVIEWED BY AS/DS	1814–1818 Everett St./2514–2516 Clement Ave. Alameda, California	JOB NUMBER 16–001–02 FIGURE 2

ERAS Environmental Inc.

ERAS 08-15-2016 Boring Location Map.dwg

TABLE 1. ANALYTICAL RESULTS - SOIL

1814 Everett Street, Alameda

Sample ID	Date	TPH-gro	TPH-dro	TPH-oro	VOCs	SVOCs	PAHs	PCBs	LUFT 5
	(mg/Kg)								
H-1	7-Sep-15	NA	92.6	167	NA	NA	NA	NA	NA
H-2	7-Sep-15	0.0942 J	83.8	56.6	See Table 2	NA	NA	NA	NA
H-3	7-Sep-15	NA	**128**	237	NA	NA	NA	NA	NA
WO-7	31-Aug-15	NA	<6.6	<13	See Table 2	ND	NA	ND	See Table 3
B-1, 3.5-4	7-Jul-16	0.43 J	<0.74	<2.1	See Table 2	NA	NA	NA	NA
B-1, 5.5-6	7-Jul-16	0.29 J	<0.74	<2.1	See Table 2	NA	NA	NA	NA
B-2, 3.5-4	7-Jul-16	0.32 J	<0.74	<2.1	See Table 2	NA	NA	NA	NA
B-2, 5.5-6	7-Jul-16	0.28 J	<0.74	<2.1	See Table 2	NA	NA	NA	NA
B-3, 3.5-4	7-Jul-16	0.31 J	<0.74	<2.1	See Table 2	NA	NA	NA	NA
B-3, 5.5-6	7-Jul-16	0.31 J	<0.74	<2.1	See Table 2	NA	NA	NA	NA
B-4, 3.5-4	7-Jul-16	0.33 J	<0.74	<2.1	See Table 2	NA	NA	NA	NA
B-4, 5.5-6	7-Jul-16	0.24 J	0.77 J	<2.1	See Table 2	NA	NA	NA	NA
B-5, 3.5-4	7-Jul-16	0.45 J	2.1	7.8	See Table 2	**Phenol**	BESL	ND	NA
B-5, 4.5-5	7-Jul-16	0.27 J	0.94	7.0	See Table 2	ND	BESL	ND	NA
B-6, 3.5-4	7-Jul-16	0.31 J	<0.74	<2.1	See Table 2	**Phenol**	ND	ND	NA
B-6, 5.5-6	7-Jul-16	0.41 J	<0.74	<2.1	See Table 2	**Phenol**	ND	ND	NA
B-7, 2.5-3	7-Jul-16	0.71 J	<0.74	2.7	See Table 2	**Phenol**	ND	ND	NA
B-7, 5-5.5	7-Jul-16	0.80 J	2.8	7.6	See Table 2	**Phenol**	ND	ND	NA
B-8, 2.5-3	7-Jul-16	0.41 J	1.1	7.5	See Table 2	**Phenol**	**Benzo (a)**	ND	NA
B-8, 5.5-6	7-Jul-16	0.34 J	1.5	6.7	See Table 2	**Phenol**	ND	ND	NA
ESL		500	110	500	-	-	-	-	-

Notes
NA = Not Analyzed
(mg/Kg) = Miligrams per Kilogram
TPH-gro = Total petroleum hydrocarbons quantified as gasoline range organics
TPH-dro = Total petroleum hydrocarbons quantified as diesel range organics
TPH-oro = Total petroleum hydrocarbons quantified as oil range organics
VOCs= volitile organic compounds
SVOCs = semivolitile organic compounds
PCBs = poly chlorinated biphenyls
PAHs = polynuclear aromatic hydrocarbons
LUFT 5 = cadmium, chromium, lead, nickel, and zinc
Benzo (a) = a concentration of benzo (a) pyrene was detected at a concentration of 0.075 mg/Kg which exceeded the ESL of 0.016 mg/Kg for a commercial Property
Phenol = a concentration of phenol was detected at a concentrations of 0.59-2.7 mg/Kg which exceeded the ESL of 0.076 mg/Kg for a commercial Property
ESL = environmental screening limits set forth by the RWQCQ for soil shallower than 3 meters on a commercial Property where groundwater is considered a potential source of drinking water
Bold Type Indicates Reported Value Above the ESL.
J indicates an estimated value between the reporting limit and the method detection limit

TABLE 2. ANALYTICAL RESULTS - SOIL - VOC

1814 Everett Street, Alameda

Sample ID	Date	Acetone	MEK	Carbon Tet	1,2,4-TMB	Toluene	Xylenes
		(mg/Kg)					
H-1	7-Sep-15	NA	NA	<0.005	NA	NA	NA
H-2	7-Sep-15	0.121	<0.02	<0.005	<0.005	<0.005	<0.01
H-3	7-Sep-15	NA	NA	<0.005	NA	NA	NA
WO-7	31-Aug-15	0.0656	0.0115 J	<0.0049	0.0024 J	0.00058 J	0.0011 J
B-1, 3.5-4	7-Jul-16	<0.071	<0.0099	<0.0031	<0.0020	<0.0040	<0.0046
B-1, 5.5-6	7-Jul-16	<0.060	<0.0083	<0.0026	<0.0037	<0.0034	<0.0038
B-2, 3.5-4	7-Jul-16	<0.069	<0.0095	<0.0030	<0.0042	<0.0039	<0.0044
B-2, 5.5-6	7-Jul-16	<0.069	<0.0096	<0.0030	<0.0042	<0.0039	<0.0044
B-3, 3.5-4	7-Jul-16	<0.070	<0.0097	<0.0031	<0.0043	<0.0040	<0.0045
B-3, 5.5-6	7-Jul-16	<0.062	<0.0086	<0.0027	<0.0038	<0.0035	<0.0040
B-4, 3.5-4	7-Jul-16	<0.060	<0.0083	<0.0026	<0.0037	<0.0034	<0.0039
B-4, 5.5-6	7-Jul-16	<0.062	<0.0086	<0.0027	<0.0038	<0.0035	<0.0040
B-5, 3.5-4	7-Jul-16	<0.060	<0.0084	<0.0026	<0.0037	<0.0034	<0.0039
B-5, 4.5-5	7-Jul-16	<0.064	<0.0089	<0.0028	<0.0040	<0.0036	<0.0041
B-6, 3.5-4	7-Jul-16	<0.070	<0.0097	<0.0030	<0.0043	<0.0039	<0.0045
B-6, 5.5-6	7-Jul-16	<0.064	<0.0089	<0.0028	<0.0040	<0.0036	<0.0041
B-7, 2.5-3	7-Jul-16	<0.086	<0.012	<0.0037	<0.0053	<0.0048	<0.0055
B-7, 5-5.5	7-Jul-16	<0.063	<0.0087	<0.0027	<0.0039	<0.0035	<0.0040
B-8, 2.5-3	7-Jul-16	<0.061	<0.0085	0.0029	<0.0017	<0.0034	<0.0039
B-8, 5.5-6	7-Jul-16	<0.060	<0.0083	<0.0026	<0.0037	<0.0034	<0.0039
ESL		0.5	4.5	0.048	-	2.9	2.3

Notes
NA = Not Analyzed
(mg/Kg) = Miligrams per Kilogram
MEK = methyl ethyl ketone
1,2,4-TMB = 1,2,4-trimethylbenzene
ESL = environmental screening limits set forth by the RWQCQ for soil shallower than 3 meters on a commercial Property where groundwater is considered a potential source of drinking water
J indicates an estimated value between the reporting limit and the method detection limit
Bold Type Indicates Reported Value Above the ESL.

TABLE 2. ANALYTICAL RESULTS - SOIL - VOC

1814 Everett Street, Alameda

TABLE 3. ANALYTICAL RESULTS - SOIL - METALS

1814 Everett Street, Alameda

Sample ID	Date	Cadmium	Chromium	Lead	Nickel	Zinc
		(mg/Kg)				
WO-7	31-Aug-15	<0.82	43	9	29	23
ESL		12	2,500	320	150	600

Notes
NA = Not Analyzed
(mg/Kg) = Miligrams per Kilogram
ESL = environmental screening limits set forth by the RWQCQ for soil shallower than 3 meters on a commercial Property where groundwater is considered a potential source of drinking water
Bold Type Indicates Reported Value Above the ESL.

TABLE 4. ANALYTICAL RESULTS - GROUNDWATER

1814 Everett Street, Alameda

Sample ID	Date	TPH-gro	TPH-dro	TPH-oro	VOC	SVOC	PAH	PCB	Total Lead
		µg/L							
GW-7.5	31-Aug-15	**738**	36	**112**	See Table 6	NA	NA	NA	**<10**
B-1	7-Jul-16	22	<50	77 J	See Table 6	NA	NA	NA	NA
B-2	7-Jul-16	16	<50	<250	See Table 6	NA	NA	NA	NA
B-3	7-Jul-16	18	<50	<250	See Table 6	NA	NA	NA	NA
B-4	7-Jul-16	16	<50	<250	See Table 6	NA	NA	NA	NA
B-5	7-Jul-16	20	<50	<250	See Table 6	BESL	BESL	ND	NA
B-6	7-Jul-16	24	<50	<250	See Table 6	**Napth (5.1 µg/L)**	ND	ND	NA
B-7	7-Jul-16	**170**	**280**	**740**	See Table 6	**Napth (1.4 µg/L)**	ND	ND	NA
B-8	7-Jul-16	**270**	95	<250	See Table 6	BESL	ND	ND	NA
ESL		100	100	100	-	-	-	-	2.5

Notes

NA = Not Analyzed

ND = Below laboratory detection limits

BESL = All concentrations detected were below the ESL

µg/L = Micrograms per liter

TPH-gro = Total petroleum hydrocarbons quantified as gasoline range organics

TPH-dro = Total petroleum hydrocarbons quantified as diesel range organics

TPH-oro = Total petroleum hydrocarbons quantified as oil range organics

VOC = Volitile organioc compounds

SVOC = semivolitile organic compounds

PCB = poly chlorinated biphenyls

PAH = polynuclear aromatic hydrocarbons

ESL = environmental screening limits set forth by the RWQCQ for drinking water

Bold Type Indicates Reported Value Above the ESL.

J indicates an estimated value between the reporting limit and the method detection limit

Napth - Naphthalene was detected at concentrations of 5.1 µg/L in boring B-6 and 1.4 µg/L in boring B-7 above the ESL of 0.17 µg/L

TABLE 5. ANALYTICAL RESULTS - GROUNDWATER - VOC

1814 Everett Street, Alameda

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Napth	Other VOCs
		µg/L						
GW-7.5	31-Aug-15	**51.2**	**75**	10.4	**110**	<1.0	1.8 J	BESL
B-1	7-Jul-16	<0.5	0.045 J	<0.5	<0.5	0.23 J	<0.50	BESL
B-2	7-Jul-16	<0.5	<0.50	<0.5	<0.5	<0.50	<0.50	BESL
B-3	7-Jul-16	<0.5	<0.50	<0.5	<0.5	0.3 J	<0.50	BESL
B-4	7-Jul-16	<0.5	<0.50	<0.5	<0.5	<0.50	<0.50	BESL
B-5	7-Jul-16	<0.5	<0.50	<0.5	<0.5	<0.50	<0.50	BESL
B-6	7-Jul-16	<0.5	<0.50	<0.5	<0.5	<0.50	<0.50	BESL
B-7	7-Jul-16	<0.5	0.12 J	<0.5	<0.5	<0.50	<0.50	BESL
B-8	7-Jul-16	<0.5	0.08 J	<0.5	<0.5	<0.50	<0.50	BESL
ESL		1	40	30	20	5	6.1	-

Notes

NA = Not Analyzed

ND = Below laboratory detection limits

BESL = All concentrations detected were below the ESL

µg/L = Micrograms per liter

MTBE = methyl tert butyl ether

Napth = naphthalene

VOCs = volitile organic compounds

BESL = all detected concentrations were below their respective ESLs

ESL = environmental screening limits set forth by the RWQCQ for drinking water

Bold Type Indicates Reported Value Above the ESL.

J indicates an estimated value between the reporting limit and the method detection limit

TABLE 6 - SITE CONCEPTUAL MODEL
1814 Everett Street, Alameda

CSM Element	CSM Sub-Element	Description	Potential Data Gap(s)
Geology and Hydrogeology	Regional	The Property is in the southeastern part of the City of Alameda, in the eastern part of the San Francisco Bay Area. The San Francisco Bay Area occupies the central part of the Santa Clara Valley, a broad alluvial valley that slopes gently northward toward San Francisco Bay and is flanked by alluvial fans deposited at the foot of the Diablo Range to the east and the Santa Cruz Mountains to the west (Goldman, 1967). The upland surfaces rising abruptly approximately 2.5 miles to the northeast of the Property are known as the East Bay Hills. Surface topography in the vicinity of the Property slopes gently to the northeast. The Property is at an elevation of approximately 17 feet above Mean Sea Level according to the United States Geological Survey (USGS) Oakland East Quadrangle California 7.5 Minute Series topographic map. Regionally, topography in the area of the Property slopes down to the east toward the Tidal Canal between the San Leandro Bay and Oakland Inner Harbor portion of the San Francisco Bay. The sediments in the vicinity of the Property are fine-grained alluvial sediments that represent distal deposits of alluvial fans that were deposited by rivers draining upland surfaces to the east of the Property. These sediments were deposited in a low energy environment on the margins of San Francisco Bay (Helley, et al, 1974). At shallow depths beneath these sediments are a series of Recent-age (<10,000 years) blue clay layers that become increasingly thicker toward San Francisco Bay. These clay layers are known as the Bay Mud and were deposited in San Francisco Bay during higher stands of sea level. In the vicinity of the Property it is likely that these sediments overlie bedrock of the Jurassic-aged Franciscan Assemblage. The subject site is located on the San Francisco Bay Plain in the northernmost part of the Santa Clara Valley Groundwater Basin, (RWQCB, 1986), the surface of which slopes gently down toward San Francisco Bay.	None
	Site	***Geology:*** Based on the lithology observed during the UST removal and most recent investigation the subsurface environmental conditions consist of silty sand to a depth of 12 feet bgs.	None
		Hydrogeology: Groundwater at the Property was encountered at a depth of 5.25 to 7.5 feet bgs in sandy silt.	None
Surface Water Bodies	--	The closest surface water bodies are the Brooklyn Basin and tidal channel which was located approximately 750 feet northeast of the Property.	None
Nearby Wells	--	Only one site was identified which contained a well for commercial or residential water supply. This site was Latitude: 37.777002 Longitude: -122.240624 in Oakland. This site was located approximately 2,800 feet to the northwest of the Property across the tidal channel. Based on the distance and direction contamination associated with the Property is unlikely to impact this well.	None
CSM Element	**CSM Sub-Element**	**Description**	**Potential Data Gap(s)**
Constituents of Concern	--	The constituents of concern in the vicinity of the former gasoline UST are TPH-dro, TPH-oro, TPH gro, and VOC. The constituents of concern in the vicinity of the former underground hydraulic lifts and waste oil UST are TPH-ho, TPH-dro, TPH-oro, SVOCs, PAHs, VOCs, and PCBs.	None
Potential Sources	On-site	The Property formerly contained two USTs (gasoline and waste oil) along with three underground hydraulic lifts.	None
CSM Element	**CSM Sub-Element**	**Description**	**Potential Data Gap(s)**
Nature and Extent of Environmental Impacts	Extent in Soil, TPH	A concentration of total petroleum hydrocarbons (128 mg/Kg) within the carbon range of hydraulic oil was found to be present above the ESL in the vicinity of the hydraulic lift (H-3) formerly located at 2514-2516 Clement Avenue. The soil sample was collected from beneath the former underground hydraulic lifts at the time of removal and appears to have been collected from the groundwater bearing zone. No soil samples were collected in the vicinity of the former gasoline UST due to shallow groundwater at the time of removal. There were no concentrations of petroleum hydrocarbons above their respective ESLs detected in the soil collected from beneath the former waste oil UST at the time of removal. During the most recent investigation no concentrations of TPH-oro, TPH-dro, or TPH gro were detected above their respective ESL's in the soil samples collected from the vicinity of the former gasoline UST. During the most recent investigation no concentrations of TPH-ho, TPH-dro, or TPH-oro were detected above their respective ESL's in the soil samples collected from the vicinity of the former waste oil UST and hydraulic lifts.	None

TABLE 6 - SITE CONCEPTUAL MODEL
1814 Everett Street, Alameda

Nature and Extent of Environmental Impacts	Extent in Soil, PCBs	The soil samples collected in the vicinity of the former waste oil tank and former hydraulic lifts were not found to contain concentrations of PCB's above the method detection limit.	None
	Extent in Soil, VOCs	No concentrations of VOCs in soil were detected above their respective ESLs in the vicinity of the former gasoline UST, hydraulic lifts, or waste oil tank.	None
	Extent in Soil, SVOCs	No concentrations of SVOCs in soil were detected above their respective ESLs in the vicinity of the waste oil tank at the time of removal. During this investigation phenol was detected at concentrations ranging from 0.59-2.7 mg/Kg in soil samples collected from borings B-5, B-6, B-7, and B-8 (waste oil UST and hydraulic lifts). These concentrations exceeded the Tier 1 ESL for phenol of 0.076 mg/Kg. The Tier 1 ESL for phenol was based on the potential for leaching to groundwater. However, the groundwater results for the same borings indicate that groundwater is not affected by Phenol above the groundwater ESL (discussed below). The concentrations detected in these borings are below the screening limit for direct exposure.	None
	Extent in Soil, PAHs	One concentration of benzo (a) pyrene was found to exceed the ESL. This sample was from a depth of 2.5-3 feet bgs in boring B-8 and was found to be 0.075 mg/Kg which exceeds the ESL of 0.016 mg/Kg. This ESL was based on direct exposure. No concentration of benzo (a) pyrene was detected above the method detection limit in the deeper soil sample collected from 5.5-6 feet bgs.	None
	Extent in Soil, Metals	No concentrations of LUFT 5 metals in soil were detected above their respective ESLs in the vicinity of the waste oil tank. No soil samples were collected in the vicinity of the former gasoline UST due to shallow groundwater.	None
	Extent in Groundwater, TPH	Petroleum hydrocarbons have been detected in the groundwater in the vicinity of the former gasoline UST at concentrations above the ESLs. TPH-gro was detected at a concentration of 738 µg/L and TPH-oro was detected at a concentration of 112 µg/L above the ESL of 100 µg/L. TPH-gro was detected in the groundwater ranging from 16 µg/L to 270 µg/L. The only borings which contained concentrations of TPH-gro above the ESL of 100 µg/L were borings B-7 (170 µg/L) and boring B-8 (270 µg/L) near the former hydraulic lifts on the eastern corner of the Property. The ESL for TPH-gro is based on odor nuisance. A concentration of TPH-dro at 280 µg/L was also detected in the sample collected from boring B-7. No other concentrations of TPH-dro were found to be present in groundwater exceeding the ESL. The ESL for TPH-dro is based on odor nuisance. A concentration of TPH-oro/ho was only found to be present in the groundwater above the ESL in boring B-7 at a concentration of 740 µg/L which exceed the ESL of 100 µg/L.	The full extent of TPH in the groundwater has not been determined in the vicinity of the former hydraulic lifts.
	Extent in Groundwater, VOC	Concentrations of benzene, toluene, and xylenes were detected above their respective ESLs at the time of the gasoline UST removal. No concentrations of VOC's were detected above their respective ESLs during the most recent investigation. The previously detected concentrations appear to be limited in extent.	None
	Extent in Groundwater, Lead	Only the groundwater sample in the vicinity of the former gasoline UST was analyzed for lead. No concentration was detected above the laboratory reporting limit.	None
	Extent in Groundwater SVOCs	During the latest investigation no concentrations of SVOCs in groundwater were found to exceed their respective ESLs with the exception of naphthalene which was detected at a concentration of 5.1 µg/L in boring B-6 and 1.4 µg/L in boring B-7. Both of these concentrations exceeded the ESL for naphthalene of 0.17 µg/L which is based on direct exposure (i.e. consuption of contaminated water). However, the shallow groundwater from which the samples were collected is generally recognized as unsuitable for consumption based on salinity and total dissolved solids (TDS). Therefore, the fresh water ecotoxicity or residential vapor intrusion ESL for naphthalene (24 and 20 mg/kg, respectively) would be the next more conservative ESL comparison tools for risk assessment. The naphthalene result for the groundwater samples for B-6 and B-7 fall below this ESL. The ESL for a vapor concern from naphthalene for shallow groundwater on a commercial site is 170 µg/L. It should also be noted that Phenol was detected only in the groundwater samples from B-5 and B-8 but at concentrations below the groundwater ESL of 5 µg/L. Therefore, the Phenol results yielded by the soil samples need not be compared to ESLs derrived for soil based on potential to affect groundwater since direct groundwater data has been acquired.	None
	Extent in Groundwater PAHs	No concentrations of PAHs were detected above their respective ESLs during the most recent sampling event.	None
	VOC Soil Vapor	Based on the concentrations of VOCs detected in the soil and groundwater a vapor threat is not present.	None
Migration Pathways	Potential Conduits	Based on the known locations of on-site utilities, including sanitary sewer laterals, water, gas, and electrical lines these limes are not considered to be migration pathways.	None
Potential Receptors/Risk	On-site	Potable water at the site currently is provided via municipal supply and will continue to be in the foreseeable future. As such, direct contact to groundwater is not contemplated.	None
Potential Receptors/Risk	Off-site	A well survey has been conducted.	None

TABLE 6 - SITE CONCEPTUAL MODEL
1814 Everett Street, Alameda

Notes

1. Environmental Restoration Services, Underground Tank Technical Closure Report, 1814 Everett Street, Alameda, California, August 31, 2015
2. Environmental Restoration Services, Report of Hydraulic Hoist Removals at 1814 Everett Street, Alameda, California, September 16, 2015.
3. ERAS Environmental, Inc., Phase 1 Environmental Site Assessment, 1814-1818 Everett Street, 2514-2516 Clement Street, Alameda, California, May 22, 2015.

Abbreviations

UST = underground storage tank
bgs = below ground surface
VOCs = volatile organic compounds
BTEX = benzene, toluene, ethylbenzene, xylene
SVOCs = semi volatile organic compounds
PCBs = poly chlorinated biphenyl's
PAH = polynuclear aromatic hydrocarbons
TPH-gro = total petroleum hydrocarbons quantified as gasoline range organics
TPH-dro = total petroleum hydrocarbons quantified as diesel range organics
TPH-oro = total petroleum hydrocarbons quantified as oil range organics
LUFT 5 = cadmium, chromium, lead, nickel, and zinc
mg/Kg = milligrams per kilogram
µg/L = micrograms per liter

TABLE 7 - DATA GAPS AND PROPOSED INVESTIGATION

1814 Everett Street, Alameda

Item	Data Gap	Proposed Investigation	Rational	Analysis
1	The full extent of TPH in the groundwater has not been determined in the vicinity of the former hydraulic lifts.	Advance three borings using a direct push sample rig to approximately 12 feet in the vicinity of the former hydraulic lifts on the eastern corner of the Property for the collection of groundwater samples.	Evaluate the extent of previously detected concentrations of TPH in the vicnity of the former hydraulic lifts.	Analyze the groundwater samples in the vicinity of the former underground hydraulic lifts for TPH-gro, TPH-dro, TPH-oro, and TPH-hro by EPA Method 8015.

Abbreviations
UST = underground storage tank
bgs = below ground surface
VOCs = volatile organic compounds
BTEX = benzene, toluene, ethylbenzene, xylene
SVOCs = semi volatile organic compounds
PCBs = poly chlorinated biphenyl's
TPH-gro = total petroleum hydrocarbons quantified as gasoline range organics
TPH-dro = total petroleum hydrocarbons quantified as diesel range organics
TPH-oro = total petroleum hydrocarbons quantified as oil range organics
LUFT 5 = cadmium, chromium, lead, nickel, and zinc

APPENDIX A

PERMIT

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/30/2016 By jamesy

Permit Numbers: W2016-0471
Permits Valid from 07/07/2016 to 07/07/2016

Application Id:	1466538456682	**City of Project Site:**	Alameda
Site Location:	1818 Everett Street, Alameda		
	eight borings to 12 feet for soil and groundwater samples		
Project Start Date:	07/07/2016	**Completion Date:**	07/07/2016
Assigned Inspector:	Contact Marcelino Valpando at (510) 670-5760 or Marcelino@acpwa.org		
Applicant:	ERAS Environmental, Inc. - Andrew Savage 1533 B Street, Hayward, CA 94541	**Phone:**	510-247-9885 x302
Property Owner:	Michael Waltz 9524 West Cottonwood Drive, Sun City, AZ 85373	**Phone:**	--
Client:	Michael Waltz 9524 West Cottonwood Drive, Sun City, AZ 85373	**Phone:**	--
Contact:	Andrew Savage	**Phone:** **Cell:**	510-247-9885 x302 925-330-8926

	Total Due:	$265.00
Receipt Number: WR2016-0329	**Total Amount Paid:**	$265.00
Payer Name : Andrew Savage	Paid By: MC	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 8 Boreholes
Driller: Environmental Control Associates (ECA) - Lic #: 695970 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2016-0471	06/30/2016	10/05/2016	8	2.75 in.	12.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

7. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX B

STANDARD OPERATING PROCEDURES

STANDARD OPERATING PROCEDURE – DIRECT PUSH BORINGS

SOIL CORING AND SAMPLING PROCEDURES

Prior to drilling, all boreholes will be hand dug to a depth of 4-5 feet below ground surface (bgs) to check for underground utilities.

Soil and groundwater samples are collected for lithologic and chemical analyses using a direct driven soil coring system. A hydraulic hammer drives sampling rods into the ground to collect continuous soil cores. As the rods are advanced, soil is driven into an approximately 2.5-inch-diamter sample barrel that is attached to the end of the rods. Soil samples are collected in sleeves inside the sample barrel as the rods are advanced. After being driven 4 to 5 feet into the ground, the rods are removed from the borehole. The sleeve containing the soil core is removed from the sample barrel, and can then be preserved for chemical analyses, or used for lithologic description. This process is repeated until the desired depth or instrument refusal is reached.

A soil core interval selected for analyses is cut from the sleeve using a pre-cleaned hacksaw. The ends of the tube are covered with aluminum foil or Teflon liner and sealed with plastic caps. The soil-filled liner is labeled with the bore number, sample depth, site location, date, and time. The samples are placed in bags and stored in a cooler containing ice. Soil from the core adjacent to the interval selected for analyses is placed in a plastic zip-top bag. The soil is allowed to volatilize for a period of time, depending on the ambient temperature. The soil is scanned with a flame-ionization detector (FID) or photo-ionization detector (PID).

All sample barrels, rods, and tools (e.g. hacksaw) are cleaned with Alconox or equivalent detergent and de-ionized water. All rinsate from the cleaning is contained in 55-gallon drums at the project site.

GROUNDWATER SAMPLING FROM DIRECT PUSH BORINGS

After the targeted water-bearing zone has been penetrated, the soil-sample barrel is removed from the borehole. Small-diameter well casing with 0.010-inch slotted well screen may be installed in the borehole to facilitate the collection of groundwater samples. Threaded sections of PVC are lowered into the borehole. Groundwater samples may then be collected with a bailer, peristaltic pump, submersible or other appropriate pump until adequate sample volume is obtained. Perstaltic pumps are not used in applications requiring a lift of greater than 1 foot of net head.

Groundwater samples are preserved, stored in an ice-filled cooler, and are delivered, under chain-of-custody, to a laboratory certified by the California Department of Health Services (DHS) for hazardous materials analysis.

BOREHOLE GROUTING FOR DIRECT PUSH BORINGS

Upon completion of soil and water sampling, boreholes will be abandoned with neat cement grout to the surface. If the borehole was advanced into groundwater, the grout is pumped through a grouting tube positioned at the bottom of the borehole.

APPENDIX C

LITHOLOGIC LOGS

ERAS Environmental	Log of Boring B-1
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Front inside Shop*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *6.25* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
							Silty Sand (SM), dark yellowish brown (10YR 3/4), damp, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
	4' 0							
5								
	6' 0					▽	at 6.25 feet, wet	
10								
	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

ERAS Environmental	Log of Boring B-2
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Entrance to Yard*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *6.25* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
							Silty Sand (SM), dark yellowish brown (10YR 3/4), damp, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
	4' 0							
5								
	6' 0					▽	at 6.25 feet, wet	
10								
	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

ERAS Environmental	Log of Boring B-3
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Near House*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *6.25* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
							Silty Sand (SM), dark yellowish brown (10YR 3/4), damp, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
	4' 0							
5								
	6' 0					▽	at 6.25 feet, wet	
10								
	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

ERAS Environmental	Log of Boring B-4
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Along Building*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *6.25* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
							Silty Sand (SM), dark yellowish brown (10YR 3/4), damp, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
	4' 0							
5								
	6' 0					▽	at 6.25 feet, wet	
10								
	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

ERAS Environmental	Log of Boring B-5
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Waste Oil Tank*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *5.25* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
							Silty Sand (SM), dark yellowish brown (10YR 3/4), damp, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
	4' 0							
5	5' 0					▽	at 5.25 feet, wet	
10								
	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

ERAS Environmental	Log of Boring B-6
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Front Shop Lift*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *6.25* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
							Silty Sand (SM), dark yellowish brown (10YR 3/4), damp, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
	4' 0							
5								
	6' 0					▽	at 6.25 feet, wet	
10								
	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

ERAS Environmental	Log of Boring B-7
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Back Building*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *6* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
	3' 0			NR			Gravely Sand (SW), dark yellowish brown (10YR 3/4), damp, medium dense, 60% fine to course well graded sand, 40% 1/8-1/2 inch gravel, no hydrocarbon (HC) odor	
				NR				
5	5.5' 0			NR		▽		
				NR				
				NR				
				NR				
				NR				
							Silty Sand (SM), dark yellowish brown (10YR 3/4), wet, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
10	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

ERAS Environmental	Log of Boring B-8
PROJECT: *16-001-02*	ADDRESS: *1818 Everett Street, Alameda*
JOB NUMBER: *16-001-02*	LOCATION: *Back Shop*
DATE STARTED: *07-07-2016*	First Water (ft. bgs.): *6.25* DATE: *07-07-2016*
DATE FINISHED: *07-07-2016*	TOTAL DEPTH: *12 feet*
DRILLING METHOD: *Hydraulic Push*	GEOLOGIST: *Andrew Savage*
DRILLING COMPANY: *ECA*	Reviewed By: ---

DEPTH ft.	PID (ppm)	BLOWS/ 1/2'	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION	WELL DIAGRAM
							Concrete + 3/4 inch base rock	
	3' 0			NR			Silty Sand (SM), dark yellowish brown (10YR 3/4), damp, medium dense, 35% fines, 65% fine to medium grain poorly graded sand, no hydrocarbon (HC) odor	
				NR				
5	6' 0					▽	at 6.25 feet, wet	
10	12' 0						Bottom of Boring 12 feet bgs, 07-07-2016	
15								
20								

APPENDIX D

ANALYTICAL RESULTS

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1607345

Report Created for: ERAS Environmental, Inc.

1533 B Street
Hayward, CA 94541

Project Contact: Andrew Savage
Project P.O.:
Project Name: 16-001-02; 1818 Everett St.

Project Received: 07/08/2016

Analytical Report reviewed & approved for release on 07/15/2016 by:

Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: ERAS Environmental, Inc.
Project: 16-001-02; 1818 Everett St.
WorkOrder: 1607345

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
e	spike reference value above calibration level
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: ERAS Environmental, Inc.
Project: 16-001-02; 1818 Everett St.
WorkOrder: 1607345

Analytical Qualifiers

B	analyte detected in the associated Method Blank and in the sample
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Surrogate spike recovery outside accepted recovery limits
a3	sample diluted due to high organic content.
a4	reporting limits raised due to the sample's matrix prohibiting a full volume extraction.
a9	reporting limit near, but not identical to, our standard reporting limit due to variable Encore/Solid sample weight
a19	reporting limit near, but not identical to our standard reporting limit due to variable water sample volume
b1	aqueous sample that contains greater than ~1 vol. % sediment
b6	lighter than water immiscible sheen/product is present
c2	surrogate recovery outside of the control limits due to matrix interference.
d7	strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
e2	diesel range compounds are significant; no recognizable pattern
e7	oil range compounds are significant
e8	kerosene/kerosene range/jet fuel range
e11/e4	stoddard solvent/mineral spirit (?); and/or gasoline range compounds are significant.
e11	stoddard solvent/mineral spirit (?)
h4	sulfuric acid permanganate (EPA 3665) cleanup

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validated the prep batch.

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/8/16	**Analytical Method:**	SW8082
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 3.5-4	1607345-017A	Soil	07/07/2016 10:33	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.0051	0.050	1	07/14/2016 08:57
Aroclor1221	ND	0.033	0.050	1	07/14/2016 08:57
Aroclor1232	ND	0.0032	0.050	1	07/14/2016 08:57
Aroclor1242	ND	0.0035	0.050	1	07/14/2016 08:57
Aroclor1248	ND	0.0036	0.050	1	07/14/2016 08:57
Aroclor1254	ND	0.0022	0.050	1	07/14/2016 08:57
Aroclor1260	ND	0.0085	0.050	1	07/14/2016 08:57
PCBs, total	ND	0.033	0.050	1	07/14/2016 08:57

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	91	70-130	07/14/2016 08:57

Analyst(s): CK Analytical Comments: h4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4.5-5	1607345-018A	Soil	07/07/2016 10:37	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.026	0.25	5	07/14/2016 09:35
Aroclor1221	ND	0.17	0.25	5	07/14/2016 09:35
Aroclor1232	ND	0.016	0.25	5	07/14/2016 09:35
Aroclor1242	ND	0.018	0.25	5	07/14/2016 09:35
Aroclor1248	ND	0.018	0.25	5	07/14/2016 09:35
Aroclor1254	ND	0.011	0.25	5	07/14/2016 09:35
Aroclor1260	ND	0.042	0.25	5	07/14/2016 09:35
PCBs, total	ND	0.17	0.25	5	07/14/2016 09:35

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	113	70-130	07/14/2016 09:35

Analyst(s): CK Analytical Comments: h4,a3

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/8/16	**Analytical Method:**	SW8082
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 3.5-4	1607345-019A	Soil	07/07/2016 11:09	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.0051	0.050	1	07/13/2016 02:18
Aroclor1221	ND	0.033	0.050	1	07/13/2016 02:18
Aroclor1232	ND	0.0032	0.050	1	07/13/2016 02:18
Aroclor1242	ND	0.0035	0.050	1	07/13/2016 02:18
Aroclor1248	ND	0.0036	0.050	1	07/13/2016 02:18
Aroclor1254	ND	0.0022	0.050	1	07/13/2016 02:18
Aroclor1260	ND	0.0085	0.050	1	07/13/2016 02:18
PCBs, total	ND	0.033	0.050	1	07/13/2016 02:18

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	101	70-130	07/13/2016 02:18

Analyst(s): CK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 5.5-6	1607345-020A	Soil	07/07/2016 11:13	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.0051	0.050	1	07/13/2016 00:26
Aroclor1221	ND	0.033	0.050	1	07/13/2016 00:26
Aroclor1232	ND	0.0032	0.050	1	07/13/2016 00:26
Aroclor1242	ND	0.0035	0.050	1	07/13/2016 00:26
Aroclor1248	ND	0.0036	0.050	1	07/13/2016 00:26
Aroclor1254	ND	0.0022	0.050	1	07/13/2016 00:26
Aroclor1260	ND	0.0085	0.050	1	07/13/2016 00:26
PCBs, total	ND	0.033	0.050	1	07/13/2016 00:26

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	96	70-130	07/13/2016 00:26

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/8/16	**Analytical Method:**	SW8082
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 2.5-3	1607345-021A	Soil	07/07/2016 11:57	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.0051	0.050	1	07/13/2016 02:56
Aroclor1221	ND	0.033	0.050	1	07/13/2016 02:56
Aroclor1232	ND	0.0032	0.050	1	07/13/2016 02:56
Aroclor1242	ND	0.0035	0.050	1	07/13/2016 02:56
Aroclor1248	ND	0.0036	0.050	1	07/13/2016 02:56
Aroclor1254	ND	0.0022	0.050	1	07/13/2016 02:56
Aroclor1260	ND	0.0085	0.050	1	07/13/2016 02:56
PCBs, total	ND	0.033	0.050	1	07/13/2016 02:56

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	104	70-130	07/13/2016 02:56

Analyst(s): CK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5-5.5	1607345-022A	Soil	07/07/2016 12:02	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.0051	0.050	1	07/13/2016 01:41
Aroclor1221	ND	0.033	0.050	1	07/13/2016 01:41
Aroclor1232	ND	0.0032	0.050	1	07/13/2016 01:41
Aroclor1242	ND	0.0035	0.050	1	07/13/2016 01:41
Aroclor1248	ND	0.0036	0.050	1	07/13/2016 01:41
Aroclor1254	ND	0.0022	0.050	1	07/13/2016 01:41
Aroclor1260	ND	0.0085	0.050	1	07/13/2016 01:41
PCBs, total	ND	0.033	0.050	1	07/13/2016 01:41

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	91	70-130	07/13/2016 01:41

Analyst(s): CK

(Cont.)

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/8/16	**Analytical Method:**	SW8082
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 2.5-3	1607345-023A	Soil	07/07/2016 12:28	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.0051	0.050	1	07/14/2016 15:56
Aroclor1221	ND	0.033	0.050	1	07/14/2016 15:56
Aroclor1232	ND	0.0032	0.050	1	07/14/2016 15:56
Aroclor1242	ND	0.0035	0.050	1	07/14/2016 15:56
Aroclor1248	ND	0.0036	0.050	1	07/14/2016 15:56
Aroclor1254	ND	0.0022	0.050	1	07/14/2016 15:56
Aroclor1260	ND	0.0061	0.050	1	07/14/2016 15:56
PCBs, total	ND	0.0040	0.050	1	07/14/2016 15:56

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	90	70-130	07/14/2016 15:56

Analyst(s): CK Analytical Comments: h4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 5.5-6	1607345-024A	Soil	07/07/2016 12:34	GC23	123440

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.0051	0.050	1	07/13/2016 01:03
Aroclor1221	ND	0.033	0.050	1	07/13/2016 01:03
Aroclor1232	ND	0.0032	0.050	1	07/13/2016 01:03
Aroclor1242	ND	0.0035	0.050	1	07/13/2016 01:03
Aroclor1248	ND	0.0036	0.050	1	07/13/2016 01:03
Aroclor1254	ND	0.0022	0.050	1	07/13/2016 01:03
Aroclor1260	ND	0.0085	0.050	1	07/13/2016 01:03
PCBs, total	ND	0.033	0.050	1	07/13/2016 01:03

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	93	70-130	07/13/2016 01:03

Analyst(s): CK

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C
Date Prepared:	7/8/16	**Analytical Method:**	SW8082
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	1607345-005E	Water	07/07/2016 10:59	GC20	123486

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.12	0.50	1	07/14/2016 02:11
Aroclor1221	ND	0.18	0.50	1	07/14/2016 02:11
Aroclor1232	ND	0.13	0.50	1	07/14/2016 02:11
Aroclor1242	ND	0.080	0.50	1	07/14/2016 02:11
Aroclor1248	ND	0.28	0.50	1	07/14/2016 02:11
Aroclor1254	ND	0.16	0.50	1	07/14/2016 02:11
Aroclor1260	ND	0.11	0.50	1	07/14/2016 02:11
PCBs, total	ND	0.50	0.50	1	07/14/2016 02:11

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	111	70-130	07/14/2016 02:11

Analyst(s): CK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	1607345-006E	Water	07/07/2016 11:46	GC20	123486

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.12	0.50	1	07/14/2016 03:15
Aroclor1221	ND	0.18	0.50	1	07/14/2016 03:15
Aroclor1232	ND	0.13	0.50	1	07/14/2016 03:15
Aroclor1242	ND	0.080	0.50	1	07/14/2016 03:15
Aroclor1248	ND	0.28	0.50	1	07/14/2016 03:15
Aroclor1254	ND	0.16	0.50	1	07/14/2016 03:15
Aroclor1260	ND	0.11	0.50	1	07/14/2016 03:15
PCBs, total	ND	0.50	0.50	1	07/14/2016 03:15

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	115	70-130	07/14/2016 03:15

Analyst(s): CK Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C
Date Prepared:	7/8/16	**Analytical Method:**	SW8082
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	**1607345-007E**	**Water**	**07/07/2016 12:22**	**GC20**	**123486**

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.12	0.50	1	07/14/2016 04:18
Aroclor1221	ND	0.18	0.50	1	07/14/2016 04:18
Aroclor1232	ND	0.13	0.50	1	07/14/2016 04:18
Aroclor1242	ND	0.080	0.50	1	07/14/2016 04:18
Aroclor1248	ND	0.28	0.50	1	07/14/2016 04:18
Aroclor1254	ND	0.16	0.50	1	07/14/2016 04:18
Aroclor1260	ND	0.11	0.50	1	07/14/2016 04:18
PCBs, total	ND	0.50	0.50	1	07/14/2016 04:18

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	119	70-130	07/14/2016 04:18

Analyst(s): CK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	**1607345-008E**	**Water**	**07/07/2016 12:58**	**GC20**	**123486**

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.12	0.50	1	07/14/2016 01:08
Aroclor1221	ND	0.18	0.50	1	07/14/2016 01:08
Aroclor1232	ND	0.13	0.50	1	07/14/2016 01:08
Aroclor1242	ND	0.080	0.50	1	07/14/2016 01:08
Aroclor1248	ND	0.28	0.50	1	07/14/2016 01:08
Aroclor1254	ND	0.16	0.50	1	07/14/2016 01:08
Aroclor1260	ND	0.11	0.50	1	07/14/2016 01:08
PCBs, total	ND	0.50	0.50	1	07/14/2016 01:08

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	113	70-130	07/14/2016 01:08

Analyst(s): CK Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 4	1607345-009B	Soil	07/07/2016 08:48	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.071	0.18	1	07/09/2016 12:18
tert-Amyl methyl ether (TAME)	ND	0.0018	0.0091	1	07/09/2016 12:18
Benzene	ND	0.0029	0.0091	1	07/09/2016 12:18
Bromobenzene	ND	0.0031	0.0091	1	07/09/2016 12:18
Bromochloromethane	ND	0.0027	0.0091	1	07/09/2016 12:18
Bromodichloromethane	ND	0.0022	0.0091	1	07/09/2016 12:18
Bromoform	ND	0.0015	0.0091	1	07/09/2016 12:18
Bromomethane	ND	0.0037	0.0091	1	07/09/2016 12:18
2-Butanone (MEK)	ND	0.0099	0.037	1	07/09/2016 12:18
t-Butyl alcohol (TBA)	ND	0.0097	0.091	1	07/09/2016 12:18
n-Butyl benzene	ND	0.0064	0.0091	1	07/09/2016 12:18
sec-Butyl benzene	ND	0.0062	0.0091	1	07/09/2016 12:18
tert-Butyl benzene	ND	0.0055	0.0091	1	07/09/2016 12:18
Carbon Disulfide	ND	0.0031	0.0091	1	07/09/2016 12:18
Carbon Tetrachloride	ND	0.0031	0.0091	1	07/09/2016 12:18
Chlorobenzene	ND	0.0033	0.0091	1	07/09/2016 12:18
Chloroethane	ND	0.0029	0.0091	1	07/09/2016 12:18
Chloroform	ND	0.0029	0.0091	1	07/09/2016 12:18
Chloromethane	ND	0.0031	0.0091	1	07/09/2016 12:18
2-Chlorotoluene	ND	0.0040	0.0091	1	07/09/2016 12:18
4-Chlorotoluene	ND	0.0038	0.0091	1	07/09/2016 12:18
Dibromochloromethane	ND	0.0020	0.0091	1	07/09/2016 12:18
1,2-Dibromo-3-chloropropane	ND	0.0022	0.0073	1	07/09/2016 12:18
1,2-Dibromoethane (EDB)	ND	0.0024	0.0073	1	07/09/2016 12:18
Dibromomethane	ND	0.0026	0.0091	1	07/09/2016 12:18
1,2-Dichlorobenzene	ND	0.0026	0.0091	1	07/09/2016 12:18
1,3-Dichlorobenzene	ND	0.0033	0.0091	1	07/09/2016 12:18
1,4-Dichlorobenzene	ND	0.0033	0.0091	1	07/09/2016 12:18
Dichlorodifluoromethane	ND	0.0020	0.0091	1	07/09/2016 12:18
1,1-Dichloroethane	ND	0.0031	0.0091	1	07/09/2016 12:18
1,2-Dichloroethane (1,2-DCA)	ND	0.0026	0.0091	1	07/09/2016 12:18
1,1-Dichloroethene	ND	0.0031	0.0091	1	07/09/2016 12:18
cis-1,2-Dichloroethene	ND	0.0027	0.0091	1	07/09/2016 12:18
trans-1,2-Dichloroethene	ND	0.0029	0.0091	1	07/09/2016 12:18
1,2-Dichloropropane	ND	0.0026	0.0091	1	07/09/2016 12:18
1,3-Dichloropropane	ND	0.0029	0.0091	1	07/09/2016 12:18
2,2-Dichloropropane	ND	0.0024	0.0091	1	07/09/2016 12:18

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 4	1607345-009B	Soil	07/07/2016 08:48	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0033	0.0091	1	07/09/2016 12:18
cis-1,3-Dichloropropene	ND	0.0027	0.0091	1	07/09/2016 12:18
trans-1,3-Dichloropropene	ND	0.0026	0.0091	1	07/09/2016 12:18
Diisopropyl ether (DIPE)	ND	0.0026	0.0091	1	07/09/2016 12:18
Ethylbenzene	ND	0.0037	0.0091	1	07/09/2016 12:18
Ethyl tert-butyl ether (ETBE)	ND	0.0024	0.0091	1	07/09/2016 12:18
Freon 113	ND	0.0029	0.0091	1	07/09/2016 12:18
Hexachlorobutadiene	ND	0.0091	0.0091	1	07/09/2016 12:18
Hexachloroethane	ND	0.0046	0.0091	1	07/09/2016 12:18
2-Hexanone	ND	0.0046	0.0091	1	07/09/2016 12:18
Isopropylbenzene	ND	0.0040	0.0091	1	07/09/2016 12:18
4-Isopropyl toluene	ND	0.0057	0.0091	1	07/09/2016 12:18
Methyl-t-butyl ether (MTBE)	ND	0.0024	0.0091	1	07/09/2016 12:18
Methylene chloride	ND	0.0066	0.0091	1	07/09/2016 12:18
4-Methyl-2-pentanone (MIBK)	ND	0.0015	0.0091	1	07/09/2016 12:18
Naphthalene	ND	0.0011	0.0091	1	07/09/2016 12:18
n-Propyl benzene	ND	0.0053	0.0091	1	07/09/2016 12:18
Styrene	ND	0.0026	0.0091	1	07/09/2016 12:18
1,1,1,2-Tetrachloroethane	ND	0.0029	0.0091	1	07/09/2016 12:18
1,1,2,2-Tetrachloroethane	ND	0.0024	0.0091	1	07/09/2016 12:18
Tetrachloroethene	ND	0.0042	0.0091	1	07/09/2016 12:18
Toluene	ND	0.0040	0.0091	1	07/09/2016 12:18
1,2,3-Trichlorobenzene	ND	0.0013	0.0091	1	07/09/2016 12:18
1,2,4-Trichlorobenzene	ND	0.0020	0.0091	1	07/09/2016 12:18
1,1,1-Trichloroethane	ND	0.0033	0.0091	1	07/09/2016 12:18
1,1,2-Trichloroethane	ND	0.0029	0.0091	1	07/09/2016 12:18
Trichloroethene	ND	0.0031	0.0091	1	07/09/2016 12:18
Trichlorofluoromethane	ND	0.0029	0.0091	1	07/09/2016 12:18
1,2,3-Trichloropropane	ND	0.0035	0.0091	1	07/09/2016 12:18
1,2,4-Trimethylbenzene	ND	0.0044	0.0091	1	07/09/2016 12:18
1,3,5-Trimethylbenzene	ND	0.0049	0.0091	1	07/09/2016 12:18
Vinyl Chloride	ND	0.0027	0.0091	1	07/09/2016 12:18
Xylenes, Total	ND	0.0046	0.0091	1	07/09/2016 12:18

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 4	**1607345-009B**	**Soil**	**07/07/2016 08:48**	**GC28**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	89		70-130		07/09/2016 12:18
Toluene-d8	103		70-130		07/09/2016 12:18
4-BFB	75		70-130		07/09/2016 12:18
Benzene-d6	90		60-140		07/09/2016 12:18
Ethylbenzene-d10	113		60-140		07/09/2016 12:18
1,2-DCB-d4	89		60-140		07/09/2016 12:18

Analyst(s): AK Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 6	1607345-010B	Soil	07/07/2016 08:54	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.060	0.15	1	07/09/2016 12:56
tert-Amyl methyl ether (TAME)	ND	0.0015	0.0076	1	07/09/2016 12:56
Benzene	ND	0.0024	0.0076	1	07/09/2016 12:56
Bromobenzene	ND	0.0026	0.0076	1	07/09/2016 12:56
Bromochloromethane	ND	0.0023	0.0076	1	07/09/2016 12:56
Bromodichloromethane	ND	0.0018	0.0076	1	07/09/2016 12:56
Bromoform	ND	0.0012	0.0076	1	07/09/2016 12:56
Bromomethane	ND	0.0031	0.0076	1	07/09/2016 12:56
2-Butanone (MEK)	ND	0.0083	0.031	1	07/09/2016 12:56
t-Butyl alcohol (TBA)	ND	0.0081	0.076	1	07/09/2016 12:56
n-Butyl benzene	ND	0.0054	0.0076	1	07/09/2016 12:56
sec-Butyl benzene	ND	0.0052	0.0076	1	07/09/2016 12:56
tert-Butyl benzene	ND	0.0046	0.0076	1	07/09/2016 12:56
Carbon Disulfide	ND	0.0026	0.0076	1	07/09/2016 12:56
Carbon Tetrachloride	ND	0.0026	0.0076	1	07/09/2016 12:56
Chlorobenzene	ND	0.0028	0.0076	1	07/09/2016 12:56
Chloroethane	ND	0.0024	0.0076	1	07/09/2016 12:56
Chloroform	ND	0.0024	0.0076	1	07/09/2016 12:56
Chloromethane	ND	0.0026	0.0076	1	07/09/2016 12:56
2-Chlorotoluene	ND	0.0034	0.0076	1	07/09/2016 12:56
4-Chlorotoluene	ND	0.0032	0.0076	1	07/09/2016 12:56
Dibromochloromethane	ND	0.0017	0.0076	1	07/09/2016 12:56
1,2-Dibromo-3-chloropropane	ND	0.0018	0.0061	1	07/09/2016 12:56
1,2-Dibromoethane (EDB)	ND	0.0020	0.0061	1	07/09/2016 12:56
Dibromomethane	ND	0.0021	0.0076	1	07/09/2016 12:56
1,2-Dichlorobenzene	ND	0.0021	0.0076	1	07/09/2016 12:56
1,3-Dichlorobenzene	ND	0.0028	0.0076	1	07/09/2016 12:56
1,4-Dichlorobenzene	ND	0.0028	0.0076	1	07/09/2016 12:56
Dichlorodifluoromethane	ND	0.0017	0.0076	1	07/09/2016 12:56
1,1-Dichloroethane	ND	0.0026	0.0076	1	07/09/2016 12:56
1,2-Dichloroethane (1,2-DCA)	ND	0.0021	0.0076	1	07/09/2016 12:56
1,1-Dichloroethene	ND	0.0026	0.0076	1	07/09/2016 12:56
cis-1,2-Dichloroethene	ND	0.0023	0.0076	1	07/09/2016 12:56
trans-1,2-Dichloroethene	ND	0.0024	0.0076	1	07/09/2016 12:56
1,2-Dichloropropane	ND	0.0021	0.0076	1	07/09/2016 12:56
1,3-Dichloropropane	ND	0.0024	0.0076	1	07/09/2016 12:56
2,2-Dichloropropane	ND	0.0020	0.0076	1	07/09/2016 12:56

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 6	1607345-010B	Soil	07/07/2016 08:54	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0028	0.0076	1	07/09/2016 12:56
cis-1,3-Dichloropropene	ND	0.0023	0.0076	1	07/09/2016 12:56
trans-1,3-Dichloropropene	ND	0.0021	0.0076	1	07/09/2016 12:56
Diisopropyl ether (DIPE)	ND	0.0021	0.0076	1	07/09/2016 12:56
Ethylbenzene	ND	0.0031	0.0076	1	07/09/2016 12:56
Ethyl tert-butyl ether (ETBE)	ND	0.0020	0.0076	1	07/09/2016 12:56
Freon 113	ND	0.0024	0.0076	1	07/09/2016 12:56
Hexachlorobutadiene	ND	0.0076	0.0076	1	07/09/2016 12:56
Hexachloroethane	ND	0.0038	0.0076	1	07/09/2016 12:56
2-Hexanone	ND	0.0038	0.0076	1	07/09/2016 12:56
Isopropylbenzene	ND	0.0034	0.0076	1	07/09/2016 12:56
4-Isopropyl toluene	ND	0.0047	0.0076	1	07/09/2016 12:56
Methyl-t-butyl ether (MTBE)	ND	0.0020	0.0076	1	07/09/2016 12:56
Methylene chloride	ND	0.0055	0.0076	1	07/09/2016 12:56
4-Methyl-2-pentanone (MIBK)	ND	0.0012	0.0076	1	07/09/2016 12:56
Naphthalene	ND	0.00092	0.0076	1	07/09/2016 12:56
n-Propyl benzene	ND	0.0044	0.0076	1	07/09/2016 12:56
Styrene	ND	0.0021	0.0076	1	07/09/2016 12:56
1,1,1,2-Tetrachloroethane	ND	0.0024	0.0076	1	07/09/2016 12:56
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0076	1	07/09/2016 12:56
Tetrachloroethene	ND	0.0035	0.0076	1	07/09/2016 12:56
Toluene	ND	0.0034	0.0076	1	07/09/2016 12:56
1,2,3-Trichlorobenzene	ND	0.0011	0.0076	1	07/09/2016 12:56
1,2,4-Trichlorobenzene	ND	0.0017	0.0076	1	07/09/2016 12:56
1,1,1-Trichloroethane	ND	0.0028	0.0076	1	07/09/2016 12:56
1,1,2-Trichloroethane	ND	0.0024	0.0076	1	07/09/2016 12:56
Trichloroethene	ND	0.0026	0.0076	1	07/09/2016 12:56
Trichlorofluoromethane	ND	0.0024	0.0076	1	07/09/2016 12:56
1,2,3-Trichloropropane	ND	0.0029	0.0076	1	07/09/2016 12:56
1,2,4-Trimethylbenzene	ND	0.0037	0.0076	1	07/09/2016 12:56
1,3,5-Trimethylbenzene	ND	0.0041	0.0076	1	07/09/2016 12:56
Vinyl Chloride	ND	0.0023	0.0076	1	07/09/2016 12:56
Xylenes, Total	ND	0.0038	0.0076	1	07/09/2016 12:56

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 6	**1607345-010B**	**Soil**	**07/07/2016 08:54**	**GC28**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	89		70-130		07/09/2016 12:56
Toluene-d8	102		70-130		07/09/2016 12:56
4-BFB	73		70-130		07/09/2016 12:56
Benzene-d6	92		60-140		07/09/2016 12:56
Ethylbenzene-d10	112		60-140		07/09/2016 12:56
1,2-DCB-d4	88		60-140		07/09/2016 12:56

Analyst(s): AK Analytical Comments: a9

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2, 4	1607345-011B	Soil	07/07/2016 09:18	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.069	0.18	1	07/09/2016 13:35
tert-Amyl methyl ether (TAME)	ND	0.0018	0.0088	1	07/09/2016 13:35
Benzene	ND	0.0028	0.0088	1	07/09/2016 13:35
Bromobenzene	ND	0.0030	0.0088	1	07/09/2016 13:35
Bromochloromethane	ND	0.0026	0.0088	1	07/09/2016 13:35
Bromodichloromethane	ND	0.0021	0.0088	1	07/09/2016 13:35
Bromoform	ND	0.0014	0.0088	1	07/09/2016 13:35
Bromomethane	ND	0.0035	0.0088	1	07/09/2016 13:35
2-Butanone (MEK)	ND	0.0095	0.035	1	07/09/2016 13:35
t-Butyl alcohol (TBA)	ND	0.0093	0.088	1	07/09/2016 13:35
n-Butyl benzene	ND	0.0062	0.0088	1	07/09/2016 13:35
sec-Butyl benzene	ND	0.0060	0.0088	1	07/09/2016 13:35
tert-Butyl benzene	ND	0.0053	0.0088	1	07/09/2016 13:35
Carbon Disulfide	ND	0.0030	0.0088	1	07/09/2016 13:35
Carbon Tetrachloride	ND	0.0030	0.0088	1	07/09/2016 13:35
Chlorobenzene	ND	0.0032	0.0088	1	07/09/2016 13:35
Chloroethane	ND	0.0028	0.0088	1	07/09/2016 13:35
Chloroform	ND	0.0028	0.0088	1	07/09/2016 13:35
Chloromethane	ND	0.0030	0.0088	1	07/09/2016 13:35
2-Chlorotoluene	ND	0.0039	0.0088	1	07/09/2016 13:35
4-Chlorotoluene	ND	0.0037	0.0088	1	07/09/2016 13:35
Dibromochloromethane	ND	0.0019	0.0088	1	07/09/2016 13:35
1,2-Dibromo-3-chloropropane	ND	0.0021	0.0070	1	07/09/2016 13:35
1,2-Dibromoethane (EDB)	ND	0.0023	0.0070	1	07/09/2016 13:35
Dibromomethane	ND	0.0025	0.0088	1	07/09/2016 13:35
1,2-Dichlorobenzene	ND	0.0025	0.0088	1	07/09/2016 13:35
1,3-Dichlorobenzene	ND	0.0032	0.0088	1	07/09/2016 13:35
1,4-Dichlorobenzene	ND	0.0032	0.0088	1	07/09/2016 13:35
Dichlorodifluoromethane	ND	0.0019	0.0088	1	07/09/2016 13:35
1,1-Dichloroethane	ND	0.0030	0.0088	1	07/09/2016 13:35
1,2-Dichloroethane (1,2-DCA)	ND	0.0025	0.0088	1	07/09/2016 13:35
1,1-Dichloroethene	ND	0.0030	0.0088	1	07/09/2016 13:35
cis-1,2-Dichloroethene	ND	0.0026	0.0088	1	07/09/2016 13:35
trans-1,2-Dichloroethene	ND	0.0028	0.0088	1	07/09/2016 13:35
1,2-Dichloropropane	ND	0.0025	0.0088	1	07/09/2016 13:35
1,3-Dichloropropane	ND	0.0028	0.0088	1	07/09/2016 13:35
2,2-Dichloropropane	ND	0.0023	0.0088	1	07/09/2016 13:35

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2, 4	1607345-011B	Soil	07/07/2016 09:18	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0032	0.0088	1	07/09/2016 13:35
cis-1,3-Dichloropropene	ND	0.0026	0.0088	1	07/09/2016 13:35
trans-1,3-Dichloropropene	ND	0.0025	0.0088	1	07/09/2016 13:35
Diisopropyl ether (DIPE)	ND	0.0025	0.0088	1	07/09/2016 13:35
Ethylbenzene	ND	0.0035	0.0088	1	07/09/2016 13:35
Ethyl tert-butyl ether (ETBE)	ND	0.0023	0.0088	1	07/09/2016 13:35
Freon 113	ND	0.0028	0.0088	1	07/09/2016 13:35
Hexachlorobutadiene	ND	0.0088	0.0088	1	07/09/2016 13:35
Hexachloroethane	ND	0.0044	0.0088	1	07/09/2016 13:35
2-Hexanone	ND	0.0044	0.0088	1	07/09/2016 13:35
Isopropylbenzene	ND	0.0039	0.0088	1	07/09/2016 13:35
4-Isopropyl toluene	ND	0.0054	0.0088	1	07/09/2016 13:35
Methyl-t-butyl ether (MTBE)	ND	0.0023	0.0088	1	07/09/2016 13:35
Methylene chloride	ND	0.0063	0.0088	1	07/09/2016 13:35
4-Methyl-2-pentanone (MIBK)	ND	0.0014	0.0088	1	07/09/2016 13:35
Naphthalene	ND	0.0011	0.0088	1	07/09/2016 13:35
n-Propyl benzene	ND	0.0051	0.0088	1	07/09/2016 13:35
Styrene	ND	0.0025	0.0088	1	07/09/2016 13:35
1,1,1,2-Tetrachloroethane	ND	0.0028	0.0088	1	07/09/2016 13:35
1,1,2,2-Tetrachloroethane	ND	0.0023	0.0088	1	07/09/2016 13:35
Tetrachloroethene	ND	0.0040	0.0088	1	07/09/2016 13:35
Toluene	ND	0.0039	0.0088	1	07/09/2016 13:35
1,2,3-Trichlorobenzene	ND	0.0012	0.0088	1	07/09/2016 13:35
1,2,4-Trichlorobenzene	ND	0.0019	0.0088	1	07/09/2016 13:35
1,1,1-Trichloroethane	ND	0.0032	0.0088	1	07/09/2016 13:35
1,1,2-Trichloroethane	ND	0.0028	0.0088	1	07/09/2016 13:35
Trichloroethene	ND	0.0030	0.0088	1	07/09/2016 13:35
Trichlorofluoromethane	ND	0.0028	0.0088	1	07/09/2016 13:35
1,2,3-Trichloropropane	ND	0.0033	0.0088	1	07/09/2016 13:35
1,2,4-Trimethylbenzene	ND	0.0042	0.0088	1	07/09/2016 13:35
1,3,5-Trimethylbenzene	ND	0.0047	0.0088	1	07/09/2016 13:35
Vinyl Chloride	ND	0.0026	0.0088	1	07/09/2016 13:35
Xylenes, Total	ND	0.0044	0.0088	1	07/09/2016 13:35

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2, 4	1607345-011B	Soil	07/07/2016 09:18	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	89		70-130		07/09/2016 13:35
Toluene-d8	102		70-130		07/09/2016 13:35
4-BFB	74		70-130		07/09/2016 13:35
Benzene-d6	95		60-140		07/09/2016 13:35
Ethylbenzene-d10	117		60-140		07/09/2016 13:35
1,2-DCB-d4	91		60-140		07/09/2016 13:35

Analyst(s): AK Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2,6	1607345-012B	Soil	07/07/2016 09:23	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.069	0.18	1	07/09/2016 14:14
tert-Amyl methyl ether (TAME)	ND	0.0018	0.0088	1	07/09/2016 14:14
Benzene	ND	0.0028	0.0088	1	07/09/2016 14:14
Bromobenzene	ND	0.0030	0.0088	1	07/09/2016 14:14
Bromochloromethane	ND	0.0027	0.0088	1	07/09/2016 14:14
Bromodichloromethane	ND	0.0021	0.0088	1	07/09/2016 14:14
Bromoform	ND	0.0014	0.0088	1	07/09/2016 14:14
Bromomethane	ND	0.0035	0.0088	1	07/09/2016 14:14
2-Butanone (MEK)	ND	0.0096	0.035	1	07/09/2016 14:14
t-Butyl alcohol (TBA)	ND	0.0094	0.088	1	07/09/2016 14:14
n-Butyl benzene	ND	0.0062	0.0088	1	07/09/2016 14:14
sec-Butyl benzene	ND	0.0060	0.0088	1	07/09/2016 14:14
tert-Butyl benzene	ND	0.0053	0.0088	1	07/09/2016 14:14
Carbon Disulfide	ND	0.0030	0.0088	1	07/09/2016 14:14
Carbon Tetrachloride	ND	0.0030	0.0088	1	07/09/2016 14:14
Chlorobenzene	ND	0.0032	0.0088	1	07/09/2016 14:14
Chloroethane	ND	0.0028	0.0088	1	07/09/2016 14:14
Chloroform	ND	0.0028	0.0088	1	07/09/2016 14:14
Chloromethane	ND	0.0030	0.0088	1	07/09/2016 14:14
2-Chlorotoluene	ND	0.0039	0.0088	1	07/09/2016 14:14
4-Chlorotoluene	ND	0.0037	0.0088	1	07/09/2016 14:14
Dibromochloromethane	ND	0.0019	0.0088	1	07/09/2016 14:14
1,2-Dibromo-3-chloropropane	ND	0.0021	0.0071	1	07/09/2016 14:14
1,2-Dibromoethane (EDB)	ND	0.0023	0.0071	1	07/09/2016 14:14
Dibromomethane	ND	0.0025	0.0088	1	07/09/2016 14:14
1,2-Dichlorobenzene	ND	0.0025	0.0088	1	07/09/2016 14:14
1,3-Dichlorobenzene	ND	0.0032	0.0088	1	07/09/2016 14:14
1,4-Dichlorobenzene	ND	0.0032	0.0088	1	07/09/2016 14:14
Dichlorodifluoromethane	ND	0.0019	0.0088	1	07/09/2016 14:14
1,1-Dichloroethane	ND	0.0030	0.0088	1	07/09/2016 14:14
1,2-Dichloroethane (1,2-DCA)	ND	0.0025	0.0088	1	07/09/2016 14:14
1,1-Dichloroethene	ND	0.0030	0.0088	1	07/09/2016 14:14
cis-1,2-Dichloroethene	ND	0.0027	0.0088	1	07/09/2016 14:14
trans-1,2-Dichloroethene	ND	0.0028	0.0088	1	07/09/2016 14:14
1,2-Dichloropropane	ND	0.0025	0.0088	1	07/09/2016 14:14
1,3-Dichloropropane	ND	0.0028	0.0088	1	07/09/2016 14:14
2,2-Dichloropropane	ND	0.0023	0.0088	1	07/09/2016 14:14

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2,6	1607345-012B	Soil	07/07/2016 09:23	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0032	0.0088	1	07/09/2016 14:14
cis-1,3-Dichloropropene	ND	0.0027	0.0088	1	07/09/2016 14:14
trans-1,3-Dichloropropene	ND	0.0025	0.0088	1	07/09/2016 14:14
Diisopropyl ether (DIPE)	ND	0.0025	0.0088	1	07/09/2016 14:14
Ethylbenzene	ND	0.0035	0.0088	1	07/09/2016 14:14
Ethyl tert-butyl ether (ETBE)	ND	0.0023	0.0088	1	07/09/2016 14:14
Freon 113	ND	0.0028	0.0088	1	07/09/2016 14:14
Hexachlorobutadiene	ND	0.0088	0.0088	1	07/09/2016 14:14
Hexachloroethane	ND	0.0044	0.0088	1	07/09/2016 14:14
2-Hexanone	ND	0.0044	0.0088	1	07/09/2016 14:14
Isopropylbenzene	ND	0.0039	0.0088	1	07/09/2016 14:14
4-Isopropyl toluene	ND	0.0055	0.0088	1	07/09/2016 14:14
Methyl-t-butyl ether (MTBE)	ND	0.0023	0.0088	1	07/09/2016 14:14
Methylene chloride	ND	0.0064	0.0088	1	07/09/2016 14:14
4-Methyl-2-pentanone (MIBK)	ND	0.0014	0.0088	1	07/09/2016 14:14
Naphthalene	ND	0.0011	0.0088	1	07/09/2016 14:14
n-Propyl benzene	ND	0.0051	0.0088	1	07/09/2016 14:14
Styrene	ND	0.0025	0.0088	1	07/09/2016 14:14
1,1,1,2-Tetrachloroethane	ND	0.0028	0.0088	1	07/09/2016 14:14
1,1,2,2-Tetrachloroethane	ND	0.0023	0.0088	1	07/09/2016 14:14
Tetrachloroethene	ND	0.0041	0.0088	1	07/09/2016 14:14
Toluene	ND	0.0039	0.0088	1	07/09/2016 14:14
1,2,3-Trichlorobenzene	ND	0.0012	0.0088	1	07/09/2016 14:14
1,2,4-Trichlorobenzene	ND	0.0019	0.0088	1	07/09/2016 14:14
1,1,1-Trichloroethane	ND	0.0032	0.0088	1	07/09/2016 14:14
1,1,2-Trichloroethane	ND	0.0028	0.0088	1	07/09/2016 14:14
Trichloroethene	ND	0.0030	0.0088	1	07/09/2016 14:14
Trichlorofluoromethane	ND	0.0028	0.0088	1	07/09/2016 14:14
1,2,3-Trichloropropane	ND	0.0034	0.0088	1	07/09/2016 14:14
1,2,4-Trimethylbenzene	ND	0.0042	0.0088	1	07/09/2016 14:14
1,3,5-Trimethylbenzene	ND	0.0048	0.0088	1	07/09/2016 14:14
Vinyl Chloride	ND	0.0027	0.0088	1	07/09/2016 14:14
Xylenes, Total	ND	0.0044	0.0088	1	07/09/2016 14:14

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2,6	**1607345-012B**	**Soil**	**07/07/2016 09:23**	**GC28**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	89		70-130		07/09/2016 14:14
Toluene-d8	101		70-130		07/09/2016 14:14
4-BFB	73		70-130		07/09/2016 14:14
Benzene-d6	91		60-140		07/09/2016 14:14
Ethylbenzene-d10	111		60-140		07/09/2016 14:14
1,2-DCB-d4	87		60-140		07/09/2016 14:14

Analyst(s): AK Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 4	1607345-013B	Soil	07/07/2016 09:42	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.070	0.18	1	07/09/2016 14:52
tert-Amyl methyl ether (TAME)	ND	0.0018	0.0090	1	07/09/2016 14:52
Benzene	ND	0.0029	0.0090	1	07/09/2016 14:52
Bromobenzene	ND	0.0031	0.0090	1	07/09/2016 14:52
Bromochloromethane	ND	0.0027	0.0090	1	07/09/2016 14:52
Bromodichloromethane	ND	0.0022	0.0090	1	07/09/2016 14:52
Bromoform	ND	0.0014	0.0090	1	07/09/2016 14:52
Bromomethane	ND	0.0036	0.0090	1	07/09/2016 14:52
2-Butanone (MEK)	ND	0.0097	0.036	1	07/09/2016 14:52
t-Butyl alcohol (TBA)	ND	0.0096	0.090	1	07/09/2016 14:52
n-Butyl benzene	ND	0.0063	0.0090	1	07/09/2016 14:52
sec-Butyl benzene	ND	0.0061	0.0090	1	07/09/2016 14:52
tert-Butyl benzene	ND	0.0054	0.0090	1	07/09/2016 14:52
Carbon Disulfide	ND	0.0031	0.0090	1	07/09/2016 14:52
Carbon Tetrachloride	ND	0.0031	0.0090	1	07/09/2016 14:52
Chlorobenzene	ND	0.0032	0.0090	1	07/09/2016 14:52
Chloroethane	ND	0.0029	0.0090	1	07/09/2016 14:52
Chloroform	ND	0.0029	0.0090	1	07/09/2016 14:52
Chloromethane	ND	0.0031	0.0090	1	07/09/2016 14:52
2-Chlorotoluene	ND	0.0040	0.0090	1	07/09/2016 14:52
4-Chlorotoluene	ND	0.0038	0.0090	1	07/09/2016 14:52
Dibromochloromethane	ND	0.0020	0.0090	1	07/09/2016 14:52
1,2-Dibromo-3-chloropropane	ND	0.0022	0.0072	1	07/09/2016 14:52
1,2-Dibromoethane (EDB)	ND	0.0023	0.0072	1	07/09/2016 14:52
Dibromomethane	ND	0.0025	0.0090	1	07/09/2016 14:52
1,2-Dichlorobenzene	ND	0.0025	0.0090	1	07/09/2016 14:52
1,3-Dichlorobenzene	ND	0.0032	0.0090	1	07/09/2016 14:52
1,4-Dichlorobenzene	ND	0.0032	0.0090	1	07/09/2016 14:52
Dichlorodifluoromethane	ND	0.0020	0.0090	1	07/09/2016 14:52
1,1-Dichloroethane	ND	0.0031	0.0090	1	07/09/2016 14:52
1,2-Dichloroethane (1,2-DCA)	ND	0.0025	0.0090	1	07/09/2016 14:52
1,1-Dichloroethene	ND	0.0031	0.0090	1	07/09/2016 14:52
cis-1,2-Dichloroethene	ND	0.0027	0.0090	1	07/09/2016 14:52
trans-1,2-Dichloroethene	ND	0.0029	0.0090	1	07/09/2016 14:52
1,2-Dichloropropane	ND	0.0025	0.0090	1	07/09/2016 14:52
1,3-Dichloropropane	ND	0.0029	0.0090	1	07/09/2016 14:52
2,2-Dichloropropane	ND	0.0023	0.0090	1	07/09/2016 14:52

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McCampbell Analytical, Inc.
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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 4	1607345-013B	Soil	07/07/2016 09:42	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0032	0.0090	1	07/09/2016 14:52
cis-1,3-Dichloropropene	ND	0.0027	0.0090	1	07/09/2016 14:52
trans-1,3-Dichloropropene	ND	0.0025	0.0090	1	07/09/2016 14:52
Diisopropyl ether (DIPE)	ND	0.0025	0.0090	1	07/09/2016 14:52
Ethylbenzene	ND	0.0036	0.0090	1	07/09/2016 14:52
Ethyl tert-butyl ether (ETBE)	ND	0.0023	0.0090	1	07/09/2016 14:52
Freon 113	ND	0.0029	0.0090	1	07/09/2016 14:52
Hexachlorobutadiene	ND	0.0090	0.0090	1	07/09/2016 14:52
Hexachloroethane	ND	0.0045	0.0090	1	07/09/2016 14:52
2-Hexanone	ND	0.0045	0.0090	1	07/09/2016 14:52
Isopropylbenzene	ND	0.0040	0.0090	1	07/09/2016 14:52
4-Isopropyl toluene	ND	0.0056	0.0090	1	07/09/2016 14:52
Methyl-t-butyl ether (MTBE)	ND	0.0023	0.0090	1	07/09/2016 14:52
Methylene chloride	ND	0.0065	0.0090	1	07/09/2016 14:52
4-Methyl-2-pentanone (MIBK)	ND	0.0014	0.0090	1	07/09/2016 14:52
Naphthalene	ND	0.0011	0.0090	1	07/09/2016 14:52
n-Propyl benzene	ND	0.0052	0.0090	1	07/09/2016 14:52
Styrene	ND	0.0025	0.0090	1	07/09/2016 14:52
1,1,1,2-Tetrachloroethane	ND	0.0029	0.0090	1	07/09/2016 14:52
1,1,2,2-Tetrachloroethane	ND	0.0023	0.0090	1	07/09/2016 14:52
Tetrachloroethene	ND	0.0042	0.0090	1	07/09/2016 14:52
Toluene	ND	0.0040	0.0090	1	07/09/2016 14:52
1,2,3-Trichlorobenzene	ND	0.0013	0.0090	1	07/09/2016 14:52
1,2,4-Trichlorobenzene	ND	0.0020	0.0090	1	07/09/2016 14:52
1,1,1-Trichloroethane	ND	0.0032	0.0090	1	07/09/2016 14:52
1,1,2-Trichloroethane	ND	0.0029	0.0090	1	07/09/2016 14:52
Trichloroethene	ND	0.0031	0.0090	1	07/09/2016 14:52
Trichlorofluoromethane	ND	0.0029	0.0090	1	07/09/2016 14:52
1,2,3-Trichloropropane	ND	0.0034	0.0090	1	07/09/2016 14:52
1,2,4-Trimethylbenzene	ND	0.0043	0.0090	1	07/09/2016 14:52
1,3,5-Trimethylbenzene	ND	0.0049	0.0090	1	07/09/2016 14:52
Vinyl Chloride	ND	0.0027	0.0090	1	07/09/2016 14:52
Xylenes, Total	ND	0.0045	0.0090	1	07/09/2016 14:52

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 4	1607345-013B	Soil	07/07/2016 09:42	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	90		70-130		07/09/2016 14:52
Toluene-d8	101		70-130		07/09/2016 14:52
4-BFB	73		70-130		07/09/2016 14:52
Benzene-d6	93		60-140		07/09/2016 14:52
Ethylbenzene-d10	113		60-140		07/09/2016 14:52
1,2-DCB-d4	89		60-140		07/09/2016 14:52

Analyst(s): AK Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 6	1607345-014B	Soil	07/07/2016 09:46	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.062	0.16	1	07/09/2016 15:31
tert-Amyl methyl ether (TAME)	ND	0.0016	0.0079	1	07/09/2016 15:31
Benzene	ND	0.0025	0.0079	1	07/09/2016 15:31
Bromobenzene	ND	0.0027	0.0079	1	07/09/2016 15:31
Bromochloromethane	ND	0.0024	0.0079	1	07/09/2016 15:31
Bromodichloromethane	ND	0.0019	0.0079	1	07/09/2016 15:31
Bromoform	ND	0.0013	0.0079	1	07/09/2016 15:31
Bromomethane	ND	0.0032	0.0079	1	07/09/2016 15:31
2-Butanone (MEK)	ND	0.0086	0.032	1	07/09/2016 15:31
t-Butyl alcohol (TBA)	ND	0.0084	0.079	1	07/09/2016 15:31
n-Butyl benzene	ND	0.0055	0.0079	1	07/09/2016 15:31
sec-Butyl benzene	ND	0.0054	0.0079	1	07/09/2016 15:31
tert-Butyl benzene	ND	0.0048	0.0079	1	07/09/2016 15:31
Carbon Disulfide	ND	0.0027	0.0079	1	07/09/2016 15:31
Carbon Tetrachloride	ND	0.0027	0.0079	1	07/09/2016 15:31
Chlorobenzene	ND	0.0029	0.0079	1	07/09/2016 15:31
Chloroethane	ND	0.0025	0.0079	1	07/09/2016 15:31
Chloroform	ND	0.0025	0.0079	1	07/09/2016 15:31
Chloromethane	ND	0.0027	0.0079	1	07/09/2016 15:31
2-Chlorotoluene	ND	0.0035	0.0079	1	07/09/2016 15:31
4-Chlorotoluene	ND	0.0033	0.0079	1	07/09/2016 15:31
Dibromochloromethane	ND	0.0017	0.0079	1	07/09/2016 15:31
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0063	1	07/09/2016 15:31
1,2-Dibromoethane (EDB)	ND	0.0021	0.0063	1	07/09/2016 15:31
Dibromomethane	ND	0.0022	0.0079	1	07/09/2016 15:31
1,2-Dichlorobenzene	ND	0.0022	0.0079	1	07/09/2016 15:31
1,3-Dichlorobenzene	ND	0.0029	0.0079	1	07/09/2016 15:31
1,4-Dichlorobenzene	ND	0.0029	0.0079	1	07/09/2016 15:31
Dichlorodifluoromethane	ND	0.0017	0.0079	1	07/09/2016 15:31
1,1-Dichloroethane	ND	0.0027	0.0079	1	07/09/2016 15:31
1,2-Dichloroethane (1,2-DCA)	ND	0.0022	0.0079	1	07/09/2016 15:31
1,1-Dichloroethene	ND	0.0027	0.0079	1	07/09/2016 15:31
cis-1,2-Dichloroethene	ND	0.0024	0.0079	1	07/09/2016 15:31
trans-1,2-Dichloroethene	ND	0.0025	0.0079	1	07/09/2016 15:31
1,2-Dichloropropane	ND	0.0022	0.0079	1	07/09/2016 15:31
1,3-Dichloropropane	ND	0.0025	0.0079	1	07/09/2016 15:31
2,2-Dichloropropane	ND	0.0021	0.0079	1	07/09/2016 15:31

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 6	1607345-014B	Soil	07/07/2016 09:46	GC28	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0029	0.0079	1	07/09/2016 15:31
cis-1,3-Dichloropropene	ND	0.0024	0.0079	1	07/09/2016 15:31
trans-1,3-Dichloropropene	ND	0.0022	0.0079	1	07/09/2016 15:31
Diisopropyl ether (DIPE)	ND	0.0022	0.0079	1	07/09/2016 15:31
Ethylbenzene	ND	0.0032	0.0079	1	07/09/2016 15:31
Ethyl tert-butyl ether (ETBE)	ND	0.0021	0.0079	1	07/09/2016 15:31
Freon 113	ND	0.0025	0.0079	1	07/09/2016 15:31
Hexachlorobutadiene	ND	0.0079	0.0079	1	07/09/2016 15:31
Hexachloroethane	ND	0.0040	0.0079	1	07/09/2016 15:31
2-Hexanone	ND	0.0040	0.0079	1	07/09/2016 15:31
Isopropylbenzene	ND	0.0035	0.0079	1	07/09/2016 15:31
4-Isopropyl toluene	ND	0.0049	0.0079	1	07/09/2016 15:31
Methyl-t-butyl ether (MTBE)	ND	0.0021	0.0079	1	07/09/2016 15:31
Methylene chloride	ND	0.0057	0.0079	1	07/09/2016 15:31
4-Methyl-2-pentanone (MIBK)	ND	0.0013	0.0079	1	07/09/2016 15:31
Naphthalene	ND	0.00095	0.0079	1	07/09/2016 15:31
n-Propyl benzene	ND	0.0046	0.0079	1	07/09/2016 15:31
Styrene	ND	0.0022	0.0079	1	07/09/2016 15:31
1,1,1,2-Tetrachloroethane	ND	0.0025	0.0079	1	07/09/2016 15:31
1,1,2,2-Tetrachloroethane	ND	0.0021	0.0079	1	07/09/2016 15:31
Tetrachloroethene	ND	0.0036	0.0079	1	07/09/2016 15:31
Toluene	ND	0.0035	0.0079	1	07/09/2016 15:31
1,2,3-Trichlorobenzene	ND	0.0011	0.0079	1	07/09/2016 15:31
1,2,4-Trichlorobenzene	ND	0.0017	0.0079	1	07/09/2016 15:31
1,1,1-Trichloroethane	ND	0.0029	0.0079	1	07/09/2016 15:31
1,1,2-Trichloroethane	ND	0.0025	0.0079	1	07/09/2016 15:31
Trichloroethene	ND	0.0027	0.0079	1	07/09/2016 15:31
Trichlorofluoromethane	ND	0.0025	0.0079	1	07/09/2016 15:31
1,2,3-Trichloropropane	ND	0.0030	0.0079	1	07/09/2016 15:31
1,2,4-Trimethylbenzene	ND	0.0038	0.0079	1	07/09/2016 15:31
1,3,5-Trimethylbenzene	ND	0.0043	0.0079	1	07/09/2016 15:31
Vinyl Chloride	ND	0.0024	0.0079	1	07/09/2016 15:31
Xylenes, Total	ND	0.0040	0.0079	1	07/09/2016 15:31

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 6	**1607345-014B**	**Soil**	**07/07/2016 09:46**	**GC28**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	90		70-130		07/09/2016 15:31
Toluene-d8	101		70-130		07/09/2016 15:31
4-BFB	73		70-130		07/09/2016 15:31
Benzene-d6	93		60-140		07/09/2016 15:31
Ethylbenzene-d10	114		60-140		07/09/2016 15:31
1,2-DCB-d4	89		60-140		07/09/2016 15:31

Analyst(s): AK Analytical Comments: a9

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Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 4	1607345-015B	Soil	07/07/2016 10:07	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.060	0.15	1	07/10/2016 00:09
tert-Amyl methyl ether (TAME)	ND	0.0015	0.0077	1	07/10/2016 00:09
Benzene	ND	0.0025	0.0077	1	07/10/2016 00:09
Bromobenzene	ND	0.0026	0.0077	1	07/10/2016 00:09
Bromochloromethane	ND	0.0023	0.0077	1	07/10/2016 00:09
Bromodichloromethane	ND	0.0019	0.0077	1	07/10/2016 00:09
Bromoform	ND	0.0012	0.0077	1	07/10/2016 00:09
Bromomethane	ND	0.0031	0.0077	1	07/10/2016 00:09
2-Butanone (MEK)	ND	0.0083	0.031	1	07/10/2016 00:09
t-Butyl alcohol (TBA)	ND	0.0082	0.077	1	07/10/2016 00:09
n-Butyl benzene	ND	0.0054	0.0077	1	07/10/2016 00:09
sec-Butyl benzene	ND	0.0053	0.0077	1	07/10/2016 00:09
tert-Butyl benzene	ND	0.0046	0.0077	1	07/10/2016 00:09
Carbon Disulfide	ND	0.0026	0.0077	1	07/10/2016 00:09
Carbon Tetrachloride	ND	0.0026	0.0077	1	07/10/2016 00:09
Chlorobenzene	ND	0.0028	0.0077	1	07/10/2016 00:09
Chloroethane	ND	0.0025	0.0077	1	07/10/2016 00:09
Chloroform	ND	0.0025	0.0077	1	07/10/2016 00:09
Chloromethane	ND	0.0026	0.0077	1	07/10/2016 00:09
2-Chlorotoluene	ND	0.0034	0.0077	1	07/10/2016 00:09
4-Chlorotoluene	ND	0.0032	0.0077	1	07/10/2016 00:09
Dibromochloromethane	ND	0.0017	0.0077	1	07/10/2016 00:09
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0062	1	07/10/2016 00:09
1,2-Dibromoethane (EDB)	ND	0.0020	0.0062	1	07/10/2016 00:09
Dibromomethane	ND	0.0022	0.0077	1	07/10/2016 00:09
1,2-Dichlorobenzene	ND	0.0022	0.0077	1	07/10/2016 00:09
1,3-Dichlorobenzene	ND	0.0028	0.0077	1	07/10/2016 00:09
1,4-Dichlorobenzene	ND	0.0028	0.0077	1	07/10/2016 00:09
Dichlorodifluoromethane	ND	0.0017	0.0077	1	07/10/2016 00:09
1,1-Dichloroethane	ND	0.0026	0.0077	1	07/10/2016 00:09
1,2-Dichloroethane (1,2-DCA)	ND	0.0022	0.0077	1	07/10/2016 00:09
1,1-Dichloroethene	ND	0.0026	0.0077	1	07/10/2016 00:09
cis-1,2-Dichloroethene	ND	0.0023	0.0077	1	07/10/2016 00:09
trans-1,2-Dichloroethene	ND	0.0025	0.0077	1	07/10/2016 00:09
1,2-Dichloropropane	ND	0.0022	0.0077	1	07/10/2016 00:09
1,3-Dichloropropane	ND	0.0025	0.0077	1	07/10/2016 00:09
2,2-Dichloropropane	ND	0.0020	0.0077	1	07/10/2016 00:09

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Analytical Report

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Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 4	1607345-015B	Soil	07/07/2016 10:07	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0028	0.0077	1	07/10/2016 00:09
cis-1,3-Dichloropropene	ND	0.0023	0.0077	1	07/10/2016 00:09
trans-1,3-Dichloropropene	ND	0.0022	0.0077	1	07/10/2016 00:09
Diisopropyl ether (DIPE)	ND	0.0022	0.0077	1	07/10/2016 00:09
Ethylbenzene	ND	0.0031	0.0077	1	07/10/2016 00:09
Ethyl tert-butyl ether (ETBE)	ND	0.0020	0.0077	1	07/10/2016 00:09
Freon 113	ND	0.0025	0.0077	1	07/10/2016 00:09
Hexachlorobutadiene	ND	0.0077	0.0077	1	07/10/2016 00:09
Hexachloroethane	ND	0.0039	0.0077	1	07/10/2016 00:09
2-Hexanone	ND	0.0039	0.0077	1	07/10/2016 00:09
Isopropylbenzene	ND	0.0034	0.0077	1	07/10/2016 00:09
4-Isopropyl toluene	ND	0.0048	0.0077	1	07/10/2016 00:09
Methyl-t-butyl ether (MTBE)	ND	0.0020	0.0077	1	07/10/2016 00:09
Methylene chloride	ND	0.0056	0.0077	1	07/10/2016 00:09
4-Methyl-2-pentanone (MIBK)	ND	0.0012	0.0077	1	07/10/2016 00:09
Naphthalene	ND	0.00093	0.0077	1	07/10/2016 00:09
n-Propyl benzene	ND	0.0045	0.0077	1	07/10/2016 00:09
Styrene	ND	0.0022	0.0077	1	07/10/2016 00:09
1,1,1,2-Tetrachloroethane	ND	0.0025	0.0077	1	07/10/2016 00:09
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0077	1	07/10/2016 00:09
Tetrachloroethene	ND	0.0036	0.0077	1	07/10/2016 00:09
Toluene	ND	0.0034	0.0077	1	07/10/2016 00:09
1,2,3-Trichlorobenzene	ND	0.0011	0.0077	1	07/10/2016 00:09
1,2,4-Trichlorobenzene	ND	0.0017	0.0077	1	07/10/2016 00:09
1,1,1-Trichloroethane	ND	0.0028	0.0077	1	07/10/2016 00:09
1,1,2-Trichloroethane	ND	0.0025	0.0077	1	07/10/2016 00:09
Trichloroethene	ND	0.0026	0.0077	1	07/10/2016 00:09
Trichlorofluoromethane	ND	0.0025	0.0077	1	07/10/2016 00:09
1,2,3-Trichloropropane	ND	0.0029	0.0077	1	07/10/2016 00:09
1,2,4-Trimethylbenzene	ND	0.0037	0.0077	1	07/10/2016 00:09
1,3,5-Trimethylbenzene	ND	0.0042	0.0077	1	07/10/2016 00:09
Vinyl Chloride	ND	0.0023	0.0077	1	07/10/2016 00:09
Xylenes, Total	ND	0.0039	0.0077	1	07/10/2016 00:09

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 4	**1607345-015B**	**Soil**	**07/07/2016 10:07**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	109		70-130		07/10/2016 00:09
Toluene-d8	114		70-130		07/10/2016 00:09
4-BFB	103		70-130		07/10/2016 00:09
Benzene-d6	117		60-140		07/10/2016 00:09
Ethylbenzene-d10	126		60-140		07/10/2016 00:09
1,2-DCB-d4	95		60-140		07/10/2016 00:09

Analyst(s): KF Analytical Comments: a9

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Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 6	1607345-016B	Soil	07/07/2016 10:11	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.062	0.16	1	07/10/2016 00:49
tert-Amyl methyl ether (TAME)	ND	0.0016	0.0079	1	07/10/2016 00:49
Benzene	ND	0.0025	0.0079	1	07/10/2016 00:49
Bromobenzene	ND	0.0027	0.0079	1	07/10/2016 00:49
Bromochloromethane	ND	0.0024	0.0079	1	07/10/2016 00:49
Bromodichloromethane	ND	0.0019	0.0079	1	07/10/2016 00:49
Bromoform	ND	0.0013	0.0079	1	07/10/2016 00:49
Bromomethane	ND	0.0032	0.0079	1	07/10/2016 00:49
2-Butanone (MEK)	ND	0.0086	0.032	1	07/10/2016 00:49
t-Butyl alcohol (TBA)	ND	0.0084	0.079	1	07/10/2016 00:49
n-Butyl benzene	ND	0.0055	0.0079	1	07/10/2016 00:49
sec-Butyl benzene	ND	0.0054	0.0079	1	07/10/2016 00:49
tert-Butyl benzene	ND	0.0048	0.0079	1	07/10/2016 00:49
Carbon Disulfide	ND	0.0027	0.0079	1	07/10/2016 00:49
Carbon Tetrachloride	ND	0.0027	0.0079	1	07/10/2016 00:49
Chlorobenzene	ND	0.0029	0.0079	1	07/10/2016 00:49
Chloroethane	ND	0.0025	0.0079	1	07/10/2016 00:49
Chloroform	ND	0.0025	0.0079	1	07/10/2016 00:49
Chloromethane	ND	0.0027	0.0079	1	07/10/2016 00:49
2-Chlorotoluene	ND	0.0035	0.0079	1	07/10/2016 00:49
4-Chlorotoluene	ND	0.0033	0.0079	1	07/10/2016 00:49
Dibromochloromethane	ND	0.0017	0.0079	1	07/10/2016 00:49
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0063	1	07/10/2016 00:49
1,2-Dibromoethane (EDB)	ND	0.0021	0.0063	1	07/10/2016 00:49
Dibromomethane	ND	0.0022	0.0079	1	07/10/2016 00:49
1,2-Dichlorobenzene	ND	0.0022	0.0079	1	07/10/2016 00:49
1,3-Dichlorobenzene	ND	0.0029	0.0079	1	07/10/2016 00:49
1,4-Dichlorobenzene	ND	0.0029	0.0079	1	07/10/2016 00:49
Dichlorodifluoromethane	ND	0.0017	0.0079	1	07/10/2016 00:49
1,1-Dichloroethane	ND	0.0027	0.0079	1	07/10/2016 00:49
1,2-Dichloroethane (1,2-DCA)	ND	0.0022	0.0079	1	07/10/2016 00:49
1,1-Dichloroethene	ND	0.0027	0.0079	1	07/10/2016 00:49
cis-1,2-Dichloroethene	ND	0.0024	0.0079	1	07/10/2016 00:49
trans-1,2-Dichloroethene	ND	0.0025	0.0079	1	07/10/2016 00:49
1,2-Dichloropropane	ND	0.0022	0.0079	1	07/10/2016 00:49
1,3-Dichloropropane	ND	0.0025	0.0079	1	07/10/2016 00:49
2,2-Dichloropropane	ND	0.0021	0.0079	1	07/10/2016 00:49

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 6	1607345-016B	Soil	07/07/2016 10:11	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0029	0.0079	1	07/10/2016 00:49
cis-1,3-Dichloropropene	ND	0.0024	0.0079	1	07/10/2016 00:49
trans-1,3-Dichloropropene	ND	0.0022	0.0079	1	07/10/2016 00:49
Diisopropyl ether (DIPE)	ND	0.0022	0.0079	1	07/10/2016 00:49
Ethylbenzene	ND	0.0032	0.0079	1	07/10/2016 00:49
Ethyl tert-butyl ether (ETBE)	ND	0.0021	0.0079	1	07/10/2016 00:49
Freon 113	ND	0.0025	0.0079	1	07/10/2016 00:49
Hexachlorobutadiene	ND	0.0079	0.0079	1	07/10/2016 00:49
Hexachloroethane	ND	0.0040	0.0079	1	07/10/2016 00:49
2-Hexanone	ND	0.0040	0.0079	1	07/10/2016 00:49
Isopropylbenzene	ND	0.0035	0.0079	1	07/10/2016 00:49
4-Isopropyl toluene	ND	0.0049	0.0079	1	07/10/2016 00:49
Methyl-t-butyl ether (MTBE)	ND	0.0021	0.0079	1	07/10/2016 00:49
Methylene chloride	ND	0.0057	0.0079	1	07/10/2016 00:49
4-Methyl-2-pentanone (MIBK)	ND	0.0013	0.0079	1	07/10/2016 00:49
Naphthalene	ND	0.00095	0.0079	1	07/10/2016 00:49
n-Propyl benzene	ND	0.0046	0.0079	1	07/10/2016 00:49
Styrene	ND	0.0022	0.0079	1	07/10/2016 00:49
1,1,1,2-Tetrachloroethane	ND	0.0025	0.0079	1	07/10/2016 00:49
1,1,2,2-Tetrachloroethane	ND	0.0021	0.0079	1	07/10/2016 00:49
Tetrachloroethene	ND	0.0036	0.0079	1	07/10/2016 00:49
Toluene	ND	0.0035	0.0079	1	07/10/2016 00:49
1,2,3-Trichlorobenzene	ND	0.0011	0.0079	1	07/10/2016 00:49
1,2,4-Trichlorobenzene	ND	0.0017	0.0079	1	07/10/2016 00:49
1,1,1-Trichloroethane	ND	0.0029	0.0079	1	07/10/2016 00:49
1,1,2-Trichloroethane	ND	0.0025	0.0079	1	07/10/2016 00:49
Trichloroethene	ND	0.0027	0.0079	1	07/10/2016 00:49
Trichlorofluoromethane	ND	0.0025	0.0079	1	07/10/2016 00:49
1,2,3-Trichloropropane	ND	0.0030	0.0079	1	07/10/2016 00:49
1,2,4-Trimethylbenzene	ND	0.0038	0.0079	1	07/10/2016 00:49
1,3,5-Trimethylbenzene	ND	0.0043	0.0079	1	07/10/2016 00:49
Vinyl Chloride	ND	0.0024	0.0079	1	07/10/2016 00:49
Xylenes, Total	ND	0.0040	0.0079	1	07/10/2016 00:49

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 6	**1607345-016B**	**Soil**	**07/07/2016 10:11**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	108		70-130		07/10/2016 00:49
Toluene-d8	111		70-130		07/10/2016 00:49
4-BFB	102		70-130		07/10/2016 00:49
Benzene-d6	117		60-140		07/10/2016 00:49
Ethylbenzene-d10	126		60-140		07/10/2016 00:49
1,2-DCB-d4	97		60-140		07/10/2016 00:49

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4	1607345-017B	Soil	07/07/2016 10:33	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.060	0.16	1	07/10/2016 01:30
tert-Amyl methyl ether (TAME)	ND	0.0016	0.0078	1	07/10/2016 01:30
Benzene	ND	0.0025	0.0078	1	07/10/2016 01:30
Bromobenzene	ND	0.0026	0.0078	1	07/10/2016 01:30
Bromochloromethane	ND	0.0023	0.0078	1	07/10/2016 01:30
Bromodichloromethane	ND	0.0019	0.0078	1	07/10/2016 01:30
Bromoform	ND	0.0012	0.0078	1	07/10/2016 01:30
Bromomethane	ND	0.0031	0.0078	1	07/10/2016 01:30
2-Butanone (MEK)	ND	0.0084	0.031	1	07/10/2016 01:30
t-Butyl alcohol (TBA)	ND	0.0082	0.078	1	07/10/2016 01:30
n-Butyl benzene	ND	0.0054	0.0078	1	07/10/2016 01:30
sec-Butyl benzene	ND	0.0053	0.0078	1	07/10/2016 01:30
tert-Butyl benzene	ND	0.0047	0.0078	1	07/10/2016 01:30
Carbon Disulfide	ND	0.0026	0.0078	1	07/10/2016 01:30
Carbon Tetrachloride	ND	0.0026	0.0078	1	07/10/2016 01:30
Chlorobenzene	ND	0.0028	0.0078	1	07/10/2016 01:30
Chloroethane	ND	0.0025	0.0078	1	07/10/2016 01:30
Chloroform	ND	0.0025	0.0078	1	07/10/2016 01:30
Chloromethane	ND	0.0026	0.0078	1	07/10/2016 01:30
2-Chlorotoluene	ND	0.0034	0.0078	1	07/10/2016 01:30
4-Chlorotoluene	ND	0.0033	0.0078	1	07/10/2016 01:30
Dibromochloromethane	ND	0.0017	0.0078	1	07/10/2016 01:30
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0062	1	07/10/2016 01:30
1,2-Dibromoethane (EDB)	ND	0.0020	0.0062	1	07/10/2016 01:30
Dibromomethane	ND	0.0022	0.0078	1	07/10/2016 01:30
1,2-Dichlorobenzene	ND	0.0022	0.0078	1	07/10/2016 01:30
1,3-Dichlorobenzene	ND	0.0028	0.0078	1	07/10/2016 01:30
1,4-Dichlorobenzene	ND	0.0028	0.0078	1	07/10/2016 01:30
Dichlorodifluoromethane	ND	0.0017	0.0078	1	07/10/2016 01:30
1,1-Dichloroethane	ND	0.0026	0.0078	1	07/10/2016 01:30
1,2-Dichloroethane (1,2-DCA)	ND	0.0022	0.0078	1	07/10/2016 01:30
1,1-Dichloroethene	ND	0.0026	0.0078	1	07/10/2016 01:30
cis-1,2-Dichloroethene	ND	0.0023	0.0078	1	07/10/2016 01:30
trans-1,2-Dichloroethene	ND	0.0025	0.0078	1	07/10/2016 01:30
1,2-Dichloropropane	ND	0.0022	0.0078	1	07/10/2016 01:30
1,3-Dichloropropane	ND	0.0025	0.0078	1	07/10/2016 01:30
2,2-Dichloropropane	ND	0.0020	0.0078	1	07/10/2016 01:30

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4	1607345-017B	Soil	07/07/2016 10:33	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0028	0.0078	1	07/10/2016 01:30
cis-1,3-Dichloropropene	ND	0.0023	0.0078	1	07/10/2016 01:30
trans-1,3-Dichloropropene	ND	0.0022	0.0078	1	07/10/2016 01:30
Diisopropyl ether (DIPE)	ND	0.0022	0.0078	1	07/10/2016 01:30
Ethylbenzene	ND	0.0031	0.0078	1	07/10/2016 01:30
Ethyl tert-butyl ether (ETBE)	ND	0.0020	0.0078	1	07/10/2016 01:30
Freon 113	ND	0.0025	0.0078	1	07/10/2016 01:30
Hexachlorobutadiene	ND	0.0078	0.0078	1	07/10/2016 01:30
Hexachloroethane	ND	0.0039	0.0078	1	07/10/2016 01:30
2-Hexanone	ND	0.0039	0.0078	1	07/10/2016 01:30
Isopropylbenzene	ND	0.0034	0.0078	1	07/10/2016 01:30
4-Isopropyl toluene	ND	0.0048	0.0078	1	07/10/2016 01:30
Methyl-t-butyl ether (MTBE)	ND	0.0020	0.0078	1	07/10/2016 01:30
Methylene chloride	ND	0.0056	0.0078	1	07/10/2016 01:30
4-Methyl-2-pentanone (MIBK)	ND	0.0012	0.0078	1	07/10/2016 01:30
Naphthalene	ND	0.00093	0.0078	1	07/10/2016 01:30
n-Propyl benzene	ND	0.0045	0.0078	1	07/10/2016 01:30
Styrene	ND	0.0022	0.0078	1	07/10/2016 01:30
1,1,1,2-Tetrachloroethane	ND	0.0025	0.0078	1	07/10/2016 01:30
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0078	1	07/10/2016 01:30
Tetrachloroethene	ND	0.0036	0.0078	1	07/10/2016 01:30
Toluene	ND	0.0034	0.0078	1	07/10/2016 01:30
1,2,3-Trichlorobenzene	ND	0.0011	0.0078	1	07/10/2016 01:30
1,2,4-Trichlorobenzene	ND	0.0017	0.0078	1	07/10/2016 01:30
1,1,1-Trichloroethane	ND	0.0028	0.0078	1	07/10/2016 01:30
1,1,2-Trichloroethane	ND	0.0025	0.0078	1	07/10/2016 01:30
Trichloroethene	ND	0.0026	0.0078	1	07/10/2016 01:30
Trichlorofluoromethane	ND	0.0025	0.0078	1	07/10/2016 01:30
1,2,3-Trichloropropane	ND	0.0029	0.0078	1	07/10/2016 01:30
1,2,4-Trimethylbenzene	ND	0.0037	0.0078	1	07/10/2016 01:30
1,3,5-Trimethylbenzene	ND	0.0042	0.0078	1	07/10/2016 01:30
Vinyl Chloride	ND	0.0023	0.0078	1	07/10/2016 01:30
Xylenes, Total	ND	0.0039	0.0078	1	07/10/2016 01:30

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4	**1607345-017B**	**Soil**	**07/07/2016 10:33**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	108		70-130		07/10/2016 01:30
Toluene-d8	113		70-130		07/10/2016 01:30
4-BFB	103		70-130		07/10/2016 01:30
Benzene-d6	119		60-140		07/10/2016 01:30
Ethylbenzene-d10	131		60-140		07/10/2016 01:30
1,2-DCB-d4	97		60-140		07/10/2016 01:30

Analyst(s): KF Analytical Comments: a9

(Cont.)

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 5	1607345-018B	Soil	07/07/2016 10:37	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.064	0.17	1	07/10/2016 02:10
tert-Amyl methyl ether (TAME)	ND	0.0017	0.0083	1	07/10/2016 02:10
Benzene	ND	0.0026	0.0083	1	07/10/2016 02:10
Bromobenzene	ND	0.0028	0.0083	1	07/10/2016 02:10
Bromochloromethane	ND	0.0025	0.0083	1	07/10/2016 02:10
Bromodichloromethane	ND	0.0020	0.0083	1	07/10/2016 02:10
Bromoform	ND	0.0013	0.0083	1	07/10/2016 02:10
Bromomethane	ND	0.0033	0.0083	1	07/10/2016 02:10
2-Butanone (MEK)	ND	0.0089	0.033	1	07/10/2016 02:10
t-Butyl alcohol (TBA)	ND	0.0087	0.083	1	07/10/2016 02:10
n-Butyl benzene	ND	0.0058	0.0083	1	07/10/2016 02:10
sec-Butyl benzene	ND	0.0056	0.0083	1	07/10/2016 02:10
tert-Butyl benzene	ND	0.0050	0.0083	1	07/10/2016 02:10
Carbon Disulfide	ND	0.0028	0.0083	1	07/10/2016 02:10
Carbon Tetrachloride	ND	0.0028	0.0083	1	07/10/2016 02:10
Chlorobenzene	ND	0.0030	0.0083	1	07/10/2016 02:10
Chloroethane	ND	0.0026	0.0083	1	07/10/2016 02:10
Chloroform	ND	0.0026	0.0083	1	07/10/2016 02:10
Chloromethane	ND	0.0028	0.0083	1	07/10/2016 02:10
2-Chlorotoluene	ND	0.0036	0.0083	1	07/10/2016 02:10
4-Chlorotoluene	ND	0.0035	0.0083	1	07/10/2016 02:10
Dibromochloromethane	ND	0.0018	0.0083	1	07/10/2016 02:10
1,2-Dibromo-3-chloropropane	ND	0.0020	0.0066	1	07/10/2016 02:10
1,2-Dibromoethane (EDB)	ND	0.0021	0.0066	1	07/10/2016 02:10
Dibromomethane	ND	0.0023	0.0083	1	07/10/2016 02:10
1,2-Dichlorobenzene	ND	0.0023	0.0083	1	07/10/2016 02:10
1,3-Dichlorobenzene	ND	0.0030	0.0083	1	07/10/2016 02:10
1,4-Dichlorobenzene	ND	0.0030	0.0083	1	07/10/2016 02:10
Dichlorodifluoromethane	ND	0.0018	0.0083	1	07/10/2016 02:10
1,1-Dichloroethane	ND	0.0028	0.0083	1	07/10/2016 02:10
1,2-Dichloroethane (1,2-DCA)	ND	0.0023	0.0083	1	07/10/2016 02:10
1,1-Dichloroethene	ND	0.0028	0.0083	1	07/10/2016 02:10
cis-1,2-Dichloroethene	ND	0.0025	0.0083	1	07/10/2016 02:10
trans-1,2-Dichloroethene	ND	0.0026	0.0083	1	07/10/2016 02:10
1,2-Dichloropropane	ND	0.0023	0.0083	1	07/10/2016 02:10
1,3-Dichloropropane	ND	0.0026	0.0083	1	07/10/2016 02:10
2,2-Dichloropropane	ND	0.0021	0.0083	1	07/10/2016 02:10

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 5	1607345-018B	Soil	07/07/2016 10:37	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0030	0.0083	1	07/10/2016 02:10
cis-1,3-Dichloropropene	ND	0.0025	0.0083	1	07/10/2016 02:10
trans-1,3-Dichloropropene	ND	0.0023	0.0083	1	07/10/2016 02:10
Diisopropyl ether (DIPE)	ND	0.0023	0.0083	1	07/10/2016 02:10
Ethylbenzene	ND	0.0033	0.0083	1	07/10/2016 02:10
Ethyl tert-butyl ether (ETBE)	ND	0.0021	0.0083	1	07/10/2016 02:10
Freon 113	ND	0.0026	0.0083	1	07/10/2016 02:10
Hexachlorobutadiene	ND	0.0083	0.0083	1	07/10/2016 02:10
Hexachloroethane	ND	0.0041	0.0083	1	07/10/2016 02:10
2-Hexanone	ND	0.0041	0.0083	1	07/10/2016 02:10
Isopropylbenzene	ND	0.0036	0.0083	1	07/10/2016 02:10
4-Isopropyl toluene	ND	0.0051	0.0083	1	07/10/2016 02:10
Methyl-t-butyl ether (MTBE)	ND	0.0021	0.0083	1	07/10/2016 02:10
Methylene chloride	ND	0.0059	0.0083	1	07/10/2016 02:10
4-Methyl-2-pentanone (MIBK)	ND	0.0013	0.0083	1	07/10/2016 02:10
Naphthalene	ND	0.00099	0.0083	1	07/10/2016 02:10
n-Propyl benzene	ND	0.0048	0.0083	1	07/10/2016 02:10
Styrene	ND	0.0023	0.0083	1	07/10/2016 02:10
1,1,1,2-Tetrachloroethane	ND	0.0026	0.0083	1	07/10/2016 02:10
1,1,2,2-Tetrachloroethane	ND	0.0021	0.0083	1	07/10/2016 02:10
Tetrachloroethene	ND	0.0038	0.0083	1	07/10/2016 02:10
Toluene	ND	0.0036	0.0083	1	07/10/2016 02:10
1,2,3-Trichlorobenzene	ND	0.0012	0.0083	1	07/10/2016 02:10
1,2,4-Trichlorobenzene	ND	0.0018	0.0083	1	07/10/2016 02:10
1,1,1-Trichloroethane	ND	0.0030	0.0083	1	07/10/2016 02:10
1,1,2-Trichloroethane	ND	0.0026	0.0083	1	07/10/2016 02:10
Trichloroethene	ND	0.0028	0.0083	1	07/10/2016 02:10
Trichlorofluoromethane	ND	0.0026	0.0083	1	07/10/2016 02:10
1,2,3-Trichloropropane	ND	0.0031	0.0083	1	07/10/2016 02:10
1,2,4-Trimethylbenzene	ND	0.0040	0.0083	1	07/10/2016 02:10
1,3,5-Trimethylbenzene	ND	0.0045	0.0083	1	07/10/2016 02:10
Vinyl Chloride	ND	0.0025	0.0083	1	07/10/2016 02:10
Xylenes, Total	ND	0.0041	0.0083	1	07/10/2016 02:10

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 5	**1607345-018B**	**Soil**	**07/07/2016 10:37**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	108		70-130		07/10/2016 02:10
Toluene-d8	112		70-130		07/10/2016 02:10
4-BFB	105		70-130		07/10/2016 02:10
Benzene-d6	118		60-140		07/10/2016 02:10
Ethylbenzene-d10	127		60-140		07/10/2016 02:10
1,2-DCB-d4	97		60-140		07/10/2016 02:10

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 4	1607345-019B	Soil	07/07/2016 11:09	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.070	0.18	1	07/10/2016 02:50
tert-Amyl methyl ether (TAME)	ND	0.0018	0.0090	1	07/10/2016 02:50
Benzene	ND	0.0029	0.0090	1	07/10/2016 02:50
Bromobenzene	ND	0.0030	0.0090	1	07/10/2016 02:50
Bromochloromethane	ND	0.0027	0.0090	1	07/10/2016 02:50
Bromodichloromethane	ND	0.0022	0.0090	1	07/10/2016 02:50
Bromoform	ND	0.0014	0.0090	1	07/10/2016 02:50
Bromomethane	ND	0.0036	0.0090	1	07/10/2016 02:50
2-Butanone (MEK)	ND	0.0097	0.036	1	07/10/2016 02:50
t-Butyl alcohol (TBA)	ND	0.0095	0.090	1	07/10/2016 02:50
n-Butyl benzene	ND	0.0063	0.0090	1	07/10/2016 02:50
sec-Butyl benzene	ND	0.0061	0.0090	1	07/10/2016 02:50
tert-Butyl benzene	ND	0.0054	0.0090	1	07/10/2016 02:50
Carbon Disulfide	ND	0.0030	0.0090	1	07/10/2016 02:50
Carbon Tetrachloride	ND	0.0030	0.0090	1	07/10/2016 02:50
Chlorobenzene	ND	0.0032	0.0090	1	07/10/2016 02:50
Chloroethane	ND	0.0029	0.0090	1	07/10/2016 02:50
Chloroform	ND	0.0029	0.0090	1	07/10/2016 02:50
Chloromethane	ND	0.0030	0.0090	1	07/10/2016 02:50
2-Chlorotoluene	ND	0.0039	0.0090	1	07/10/2016 02:50
4-Chlorotoluene	ND	0.0038	0.0090	1	07/10/2016 02:50
Dibromochloromethane	ND	0.0020	0.0090	1	07/10/2016 02:50
1,2-Dibromo-3-chloropropane	ND	0.0022	0.0072	1	07/10/2016 02:50
1,2-Dibromoethane (EDB)	ND	0.0023	0.0072	1	07/10/2016 02:50
Dibromomethane	ND	0.0025	0.0090	1	07/10/2016 02:50
1,2-Dichlorobenzene	ND	0.0025	0.0090	1	07/10/2016 02:50
1,3-Dichlorobenzene	ND	0.0032	0.0090	1	07/10/2016 02:50
1,4-Dichlorobenzene	ND	0.0032	0.0090	1	07/10/2016 02:50
Dichlorodifluoromethane	ND	0.0020	0.0090	1	07/10/2016 02:50
1,1-Dichloroethane	ND	0.0030	0.0090	1	07/10/2016 02:50
1,2-Dichloroethane (1,2-DCA)	ND	0.0025	0.0090	1	07/10/2016 02:50
1,1-Dichloroethene	ND	0.0030	0.0090	1	07/10/2016 02:50
cis-1,2-Dichloroethene	ND	0.0027	0.0090	1	07/10/2016 02:50
trans-1,2-Dichloroethene	ND	0.0029	0.0090	1	07/10/2016 02:50
1,2-Dichloropropane	ND	0.0025	0.0090	1	07/10/2016 02:50
1,3-Dichloropropane	ND	0.0029	0.0090	1	07/10/2016 02:50
2,2-Dichloropropane	ND	0.0023	0.0090	1	07/10/2016 02:50

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 4	1607345-019B	Soil	07/07/2016 11:09	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0032	0.0090	1	07/10/2016 02:50
cis-1,3-Dichloropropene	ND	0.0027	0.0090	1	07/10/2016 02:50
trans-1,3-Dichloropropene	ND	0.0025	0.0090	1	07/10/2016 02:50
Diisopropyl ether (DIPE)	ND	0.0025	0.0090	1	07/10/2016 02:50
Ethylbenzene	ND	0.0036	0.0090	1	07/10/2016 02:50
Ethyl tert-butyl ether (ETBE)	ND	0.0023	0.0090	1	07/10/2016 02:50
Freon 113	ND	0.0029	0.0090	1	07/10/2016 02:50
Hexachlorobutadiene	ND	0.0090	0.0090	1	07/10/2016 02:50
Hexachloroethane	ND	0.0045	0.0090	1	07/10/2016 02:50
2-Hexanone	ND	0.0045	0.0090	1	07/10/2016 02:50
Isopropylbenzene	ND	0.0039	0.0090	1	07/10/2016 02:50
4-Isopropyl toluene	ND	0.0056	0.0090	1	07/10/2016 02:50
Methyl-t-butyl ether (MTBE)	ND	0.0023	0.0090	1	07/10/2016 02:50
Methylene chloride	ND	0.0065	0.0090	1	07/10/2016 02:50
4-Methyl-2-pentanone (MIBK)	ND	0.0014	0.0090	1	07/10/2016 02:50
Naphthalene	ND	0.0011	0.0090	1	07/10/2016 02:50
n-Propyl benzene	ND	0.0052	0.0090	1	07/10/2016 02:50
Styrene	ND	0.0025	0.0090	1	07/10/2016 02:50
1,1,1,2-Tetrachloroethane	ND	0.0029	0.0090	1	07/10/2016 02:50
1,1,2,2-Tetrachloroethane	ND	0.0023	0.0090	1	07/10/2016 02:50
Tetrachloroethene	ND	0.0041	0.0090	1	07/10/2016 02:50
Toluene	ND	0.0039	0.0090	1	07/10/2016 02:50
1,2,3-Trichlorobenzene	ND	0.0013	0.0090	1	07/10/2016 02:50
1,2,4-Trichlorobenzene	ND	0.0020	0.0090	1	07/10/2016 02:50
1,1,1-Trichloroethane	ND	0.0032	0.0090	1	07/10/2016 02:50
1,1,2-Trichloroethane	ND	0.0029	0.0090	1	07/10/2016 02:50
Trichloroethene	ND	0.0030	0.0090	1	07/10/2016 02:50
Trichlorofluoromethane	ND	0.0029	0.0090	1	07/10/2016 02:50
1,2,3-Trichloropropane	ND	0.0034	0.0090	1	07/10/2016 02:50
1,2,4-Trimethylbenzene	ND	0.0043	0.0090	1	07/10/2016 02:50
1,3,5-Trimethylbenzene	ND	0.0048	0.0090	1	07/10/2016 02:50
Vinyl Chloride	ND	0.0027	0.0090	1	07/10/2016 02:50
Xylenes, Total	ND	0.0045	0.0090	1	07/10/2016 02:50

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 4	**1607345-019B**	**Soil**	**07/07/2016 11:09**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	107		70-130		07/10/2016 02:50
Toluene-d8	111		70-130		07/10/2016 02:50
4-BFB	105		70-130		07/10/2016 02:50
Benzene-d6	116		60-140		07/10/2016 02:50
Ethylbenzene-d10	124		60-140		07/10/2016 02:50
1,2-DCB-d4	95		60-140		07/10/2016 02:50

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 6	1607345-020B	Soil	07/07/2016 11:13	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.064	0.17	1	07/10/2016 03:30
tert-Amyl methyl ether (TAME)	ND	0.0017	0.0083	1	07/10/2016 03:30
Benzene	ND	0.0026	0.0083	1	07/10/2016 03:30
Bromobenzene	ND	0.0028	0.0083	1	07/10/2016 03:30
Bromochloromethane	ND	0.0025	0.0083	1	07/10/2016 03:30
Bromodichloromethane	ND	0.0020	0.0083	1	07/10/2016 03:30
Bromoform	ND	0.0013	0.0083	1	07/10/2016 03:30
Bromomethane	ND	0.0033	0.0083	1	07/10/2016 03:30
2-Butanone (MEK)	ND	0.0089	0.033	1	07/10/2016 03:30
t-Butyl alcohol (TBA)	ND	0.0087	0.083	1	07/10/2016 03:30
n-Butyl benzene	ND	0.0058	0.0083	1	07/10/2016 03:30
sec-Butyl benzene	ND	0.0056	0.0083	1	07/10/2016 03:30
tert-Butyl benzene	ND	0.0050	0.0083	1	07/10/2016 03:30
Carbon Disulfide	ND	0.0028	0.0083	1	07/10/2016 03:30
Carbon Tetrachloride	ND	0.0028	0.0083	1	07/10/2016 03:30
Chlorobenzene	ND	0.0030	0.0083	1	07/10/2016 03:30
Chloroethane	ND	0.0026	0.0083	1	07/10/2016 03:30
Chloroform	ND	0.0026	0.0083	1	07/10/2016 03:30
Chloromethane	ND	0.0028	0.0083	1	07/10/2016 03:30
2-Chlorotoluene	ND	0.0036	0.0083	1	07/10/2016 03:30
4-Chlorotoluene	ND	0.0035	0.0083	1	07/10/2016 03:30
Dibromochloromethane	ND	0.0018	0.0083	1	07/10/2016 03:30
1,2-Dibromo-3-chloropropane	ND	0.0020	0.0066	1	07/10/2016 03:30
1,2-Dibromoethane (EDB)	ND	0.0021	0.0066	1	07/10/2016 03:30
Dibromomethane	ND	0.0023	0.0083	1	07/10/2016 03:30
1,2-Dichlorobenzene	ND	0.0023	0.0083	1	07/10/2016 03:30
1,3-Dichlorobenzene	ND	0.0030	0.0083	1	07/10/2016 03:30
1,4-Dichlorobenzene	ND	0.0030	0.0083	1	07/10/2016 03:30
Dichlorodifluoromethane	ND	0.0018	0.0083	1	07/10/2016 03:30
1,1-Dichloroethane	ND	0.0028	0.0083	1	07/10/2016 03:30
1,2-Dichloroethane (1,2-DCA)	ND	0.0023	0.0083	1	07/10/2016 03:30
1,1-Dichloroethene	ND	0.0028	0.0083	1	07/10/2016 03:30
cis-1,2-Dichloroethene	ND	0.0025	0.0083	1	07/10/2016 03:30
trans-1,2-Dichloroethene	ND	0.0026	0.0083	1	07/10/2016 03:30
1,2-Dichloropropane	ND	0.0023	0.0083	1	07/10/2016 03:30
1,3-Dichloropropane	ND	0.0026	0.0083	1	07/10/2016 03:30
2,2-Dichloropropane	ND	0.0021	0.0083	1	07/10/2016 03:30

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 6	1607345-020B	Soil	07/07/2016 11:13	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0030	0.0083	1	07/10/2016 03:30
cis-1,3-Dichloropropene	ND	0.0025	0.0083	1	07/10/2016 03:30
trans-1,3-Dichloropropene	ND	0.0023	0.0083	1	07/10/2016 03:30
Diisopropyl ether (DIPE)	ND	0.0023	0.0083	1	07/10/2016 03:30
Ethylbenzene	ND	0.0033	0.0083	1	07/10/2016 03:30
Ethyl tert-butyl ether (ETBE)	ND	0.0021	0.0083	1	07/10/2016 03:30
Freon 113	ND	0.0026	0.0083	1	07/10/2016 03:30
Hexachlorobutadiene	ND	0.0083	0.0083	1	07/10/2016 03:30
Hexachloroethane	ND	0.0041	0.0083	1	07/10/2016 03:30
2-Hexanone	ND	0.0041	0.0083	1	07/10/2016 03:30
Isopropylbenzene	ND	0.0036	0.0083	1	07/10/2016 03:30
4-Isopropyl toluene	ND	0.0051	0.0083	1	07/10/2016 03:30
Methyl-t-butyl ether (MTBE)	ND	0.0021	0.0083	1	07/10/2016 03:30
Methylene chloride	ND	0.0059	0.0083	1	07/10/2016 03:30
4-Methyl-2-pentanone (MIBK)	ND	0.0013	0.0083	1	07/10/2016 03:30
Naphthalene	ND	0.00099	0.0083	1	07/10/2016 03:30
n-Propyl benzene	ND	0.0048	0.0083	1	07/10/2016 03:30
Styrene	ND	0.0023	0.0083	1	07/10/2016 03:30
1,1,1,2-Tetrachloroethane	ND	0.0026	0.0083	1	07/10/2016 03:30
1,1,2,2-Tetrachloroethane	ND	0.0021	0.0083	1	07/10/2016 03:30
Tetrachloroethene	ND	0.0038	0.0083	1	07/10/2016 03:30
Toluene	ND	0.0036	0.0083	1	07/10/2016 03:30
1,2,3-Trichlorobenzene	ND	0.0012	0.0083	1	07/10/2016 03:30
1,2,4-Trichlorobenzene	ND	0.0018	0.0083	1	07/10/2016 03:30
1,1,1-Trichloroethane	ND	0.0030	0.0083	1	07/10/2016 03:30
1,1,2-Trichloroethane	ND	0.0026	0.0083	1	07/10/2016 03:30
Trichloroethene	ND	0.0028	0.0083	1	07/10/2016 03:30
Trichlorofluoromethane	ND	0.0026	0.0083	1	07/10/2016 03:30
1,2,3-Trichloropropane	ND	0.0031	0.0083	1	07/10/2016 03:30
1,2,4-Trimethylbenzene	ND	0.0040	0.0083	1	07/10/2016 03:30
1,3,5-Trimethylbenzene	ND	0.0045	0.0083	1	07/10/2016 03:30
Vinyl Chloride	ND	0.0025	0.0083	1	07/10/2016 03:30
Xylenes, Total	ND	0.0041	0.0083	1	07/10/2016 03:30

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 6	**1607345-020B**	**Soil**	**07/07/2016 11:13**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	108		70-130		07/10/2016 03:30
Toluene-d8	111		70-130		07/10/2016 03:30
4-BFB	104		70-130		07/10/2016 03:30
Benzene-d6	120		60-140		07/10/2016 03:30
Ethylbenzene-d10	128		60-140		07/10/2016 03:30
1,2-DCB-d4	98		60-140		07/10/2016 03:30

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 3	1607345-021B	Soil	07/07/2016 11:57	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.086	0.22	1	07/10/2016 04:11
tert-Amyl methyl ether (TAME)	ND	0.0022	0.011	1	07/10/2016 04:11
Benzene	ND	0.0035	0.011	1	07/10/2016 04:11
Bromobenzene	ND	0.0037	0.011	1	07/10/2016 04:11
Bromochloromethane	ND	0.0033	0.011	1	07/10/2016 04:11
Bromodichloromethane	ND	0.0026	0.011	1	07/10/2016 04:11
Bromoform	ND	0.0018	0.011	1	07/10/2016 04:11
Bromomethane	ND	0.0044	0.011	1	07/10/2016 04:11
2-Butanone (MEK)	ND	0.012	0.044	1	07/10/2016 04:11
t-Butyl alcohol (TBA)	ND	0.012	0.11	1	07/10/2016 04:11
n-Butyl benzene	ND	0.0077	0.011	1	07/10/2016 04:11
sec-Butyl benzene	ND	0.0075	0.011	1	07/10/2016 04:11
tert-Butyl benzene	ND	0.0066	0.011	1	07/10/2016 04:11
Carbon Disulfide	ND	0.0037	0.011	1	07/10/2016 04:11
Carbon Tetrachloride	ND	0.0037	0.011	1	07/10/2016 04:11
Chlorobenzene	ND	0.0039	0.011	1	07/10/2016 04:11
Chloroethane	ND	0.0035	0.011	1	07/10/2016 04:11
Chloroform	ND	0.0035	0.011	1	07/10/2016 04:11
Chloromethane	ND	0.0037	0.011	1	07/10/2016 04:11
2-Chlorotoluene	ND	0.0048	0.011	1	07/10/2016 04:11
4-Chlorotoluene	ND	0.0046	0.011	1	07/10/2016 04:11
Dibromochloromethane	ND	0.0024	0.011	1	07/10/2016 04:11
1,2-Dibromo-3-chloropropane	ND	0.0026	0.0088	1	07/10/2016 04:11
1,2-Dibromoethane (EDB)	ND	0.0029	0.0088	1	07/10/2016 04:11
Dibromomethane	ND	0.0031	0.011	1	07/10/2016 04:11
1,2-Dichlorobenzene	ND	0.0031	0.011	1	07/10/2016 04:11
1,3-Dichlorobenzene	ND	0.0039	0.011	1	07/10/2016 04:11
1,4-Dichlorobenzene	ND	0.0039	0.011	1	07/10/2016 04:11
Dichlorodifluoromethane	ND	0.0024	0.011	1	07/10/2016 04:11
1,1-Dichloroethane	ND	0.0037	0.011	1	07/10/2016 04:11
1,2-Dichloroethane (1,2-DCA)	ND	0.0031	0.011	1	07/10/2016 04:11
1,1-Dichloroethene	ND	0.0037	0.011	1	07/10/2016 04:11
cis-1,2-Dichloroethene	ND	0.0033	0.011	1	07/10/2016 04:11
trans-1,2-Dichloroethene	ND	0.0035	0.011	1	07/10/2016 04:11
1,2-Dichloropropane	ND	0.0031	0.011	1	07/10/2016 04:11
1,3-Dichloropropane	ND	0.0035	0.011	1	07/10/2016 04:11
2,2-Dichloropropane	ND	0.0029	0.011	1	07/10/2016 04:11

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 3	1607345-021B	Soil	07/07/2016 11:57	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0039	0.011	1	07/10/2016 04:11
cis-1,3-Dichloropropene	ND	0.0033	0.011	1	07/10/2016 04:11
trans-1,3-Dichloropropene	ND	0.0031	0.011	1	07/10/2016 04:11
Diisopropyl ether (DIPE)	ND	0.0031	0.011	1	07/10/2016 04:11
Ethylbenzene	ND	0.0044	0.011	1	07/10/2016 04:11
Ethyl tert-butyl ether (ETBE)	ND	0.0029	0.011	1	07/10/2016 04:11
Freon 113	ND	0.0035	0.011	1	07/10/2016 04:11
Hexachlorobutadiene	ND	0.011	0.011	1	07/10/2016 04:11
Hexachloroethane	ND	0.0055	0.011	1	07/10/2016 04:11
2-Hexanone	ND	0.0055	0.011	1	07/10/2016 04:11
Isopropylbenzene	ND	0.0048	0.011	1	07/10/2016 04:11
4-Isopropyl toluene	ND	0.0068	0.011	1	07/10/2016 04:11
Methyl-t-butyl ether (MTBE)	ND	0.0029	0.011	1	07/10/2016 04:11
Methylene chloride	ND	0.0079	0.011	1	07/10/2016 04:11
4-Methyl-2-pentanone (MIBK)	ND	0.0018	0.011	1	07/10/2016 04:11
Naphthalene	ND	0.0013	0.011	1	07/10/2016 04:11
n-Propyl benzene	ND	0.0064	0.011	1	07/10/2016 04:11
Styrene	ND	0.0031	0.011	1	07/10/2016 04:11
1,1,1,2-Tetrachloroethane	ND	0.0035	0.011	1	07/10/2016 04:11
1,1,2,2-Tetrachloroethane	ND	0.0029	0.011	1	07/10/2016 04:11
Tetrachloroethene	ND	0.0050	0.011	1	07/10/2016 04:11
Toluene	ND	0.0048	0.011	1	07/10/2016 04:11
1,2,3-Trichlorobenzene	ND	0.0015	0.011	1	07/10/2016 04:11
1,2,4-Trichlorobenzene	ND	0.0024	0.011	1	07/10/2016 04:11
1,1,1-Trichloroethane	ND	0.0039	0.011	1	07/10/2016 04:11
1,1,2-Trichloroethane	ND	0.0035	0.011	1	07/10/2016 04:11
Trichloroethene	ND	0.0037	0.011	1	07/10/2016 04:11
Trichlorofluoromethane	ND	0.0035	0.011	1	07/10/2016 04:11
1,2,3-Trichloropropane	ND	0.0042	0.011	1	07/10/2016 04:11
1,2,4-Trimethylbenzene	ND	0.0053	0.011	1	07/10/2016 04:11
1,3,5-Trimethylbenzene	ND	0.0059	0.011	1	07/10/2016 04:11
Vinyl Chloride	ND	0.0033	0.011	1	07/10/2016 04:11
Xylenes, Total	ND	0.0055	0.011	1	07/10/2016 04:11

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 3	**1607345-021B**	**Soil**	**07/07/2016 11:57**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	106		70-130		07/10/2016 04:11
Toluene-d8	113		70-130		07/10/2016 04:11
4-BFB	106		70-130		07/10/2016 04:11
Benzene-d6	123		60-140		07/10/2016 04:11
Ethylbenzene-d10	136		60-140		07/10/2016 04:11
1,2-DCB-d4	99		60-140		07/10/2016 04:11

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5.5	1607345-022B	Soil	07/07/2016 12:02	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.063	0.16	1	07/11/2016 10:09
tert-Amyl methyl ether (TAME)	ND	0.0016	0.0081	1	07/11/2016 10:09
Benzene	ND	0.0026	0.0081	1	07/11/2016 10:09
Bromobenzene	ND	0.0027	0.0081	1	07/11/2016 10:09
Bromochloromethane	ND	0.0024	0.0081	1	07/11/2016 10:09
Bromodichloromethane	ND	0.0019	0.0081	1	07/11/2016 10:09
Bromoform	ND	0.0013	0.0081	1	07/11/2016 10:09
Bromomethane	ND	0.0032	0.0081	1	07/11/2016 10:09
2-Butanone (MEK)	ND	0.0087	0.032	1	07/11/2016 10:09
t-Butyl alcohol (TBA)	ND	0.0085	0.081	1	07/11/2016 10:09
n-Butyl benzene	ND	0.0056	0.0081	1	07/11/2016 10:09
sec-Butyl benzene	ND	0.0055	0.0081	1	07/11/2016 10:09
tert-Butyl benzene	ND	0.0048	0.0081	1	07/11/2016 10:09
Carbon Disulfide	ND	0.0027	0.0081	1	07/11/2016 10:09
Carbon Tetrachloride	ND	0.0027	0.0081	1	07/11/2016 10:09
Chlorobenzene	ND	0.0029	0.0081	1	07/11/2016 10:09
Chloroethane	ND	0.0026	0.0081	1	07/11/2016 10:09
Chloroform	ND	0.0026	0.0081	1	07/11/2016 10:09
Chloromethane	ND	0.0027	0.0081	1	07/11/2016 10:09
2-Chlorotoluene	ND	0.0035	0.0081	1	07/11/2016 10:09
4-Chlorotoluene	ND	0.0034	0.0081	1	07/11/2016 10:09
Dibromochloromethane	ND	0.0018	0.0081	1	07/11/2016 10:09
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0064	1	07/11/2016 10:09
1,2-Dibromoethane (EDB)	ND	0.0021	0.0064	1	07/11/2016 10:09
Dibromomethane	ND	0.0023	0.0081	1	07/11/2016 10:09
1,2-Dichlorobenzene	ND	0.0023	0.0081	1	07/11/2016 10:09
1,3-Dichlorobenzene	ND	0.0029	0.0081	1	07/11/2016 10:09
1,4-Dichlorobenzene	ND	0.0029	0.0081	1	07/11/2016 10:09
Dichlorodifluoromethane	ND	0.0018	0.0081	1	07/11/2016 10:09
1,1-Dichloroethane	ND	0.0027	0.0081	1	07/11/2016 10:09
1,2-Dichloroethane (1,2-DCA)	ND	0.0023	0.0081	1	07/11/2016 10:09
1,1-Dichloroethene	ND	0.0027	0.0081	1	07/11/2016 10:09
cis-1,2-Dichloroethene	ND	0.0024	0.0081	1	07/11/2016 10:09
trans-1,2-Dichloroethene	ND	0.0026	0.0081	1	07/11/2016 10:09
1,2-Dichloropropane	ND	0.0023	0.0081	1	07/11/2016 10:09
1,3-Dichloropropane	ND	0.0026	0.0081	1	07/11/2016 10:09
2,2-Dichloropropane	ND	0.0021	0.0081	1	07/11/2016 10:09

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5.5	1607345-022B	Soil	07/07/2016 12:02	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0029	0.0081	1	07/11/2016 10:09
cis-1,3-Dichloropropene	ND	0.0024	0.0081	1	07/11/2016 10:09
trans-1,3-Dichloropropene	ND	0.0023	0.0081	1	07/11/2016 10:09
Diisopropyl ether (DIPE)	ND	0.0023	0.0081	1	07/11/2016 10:09
Ethylbenzene	ND	0.0032	0.0081	1	07/11/2016 10:09
Ethyl tert-butyl ether (ETBE)	ND	0.0021	0.0081	1	07/11/2016 10:09
Freon 113	ND	0.0026	0.0081	1	07/11/2016 10:09
Hexachlorobutadiene	ND	0.0081	0.0081	1	07/11/2016 10:09
Hexachloroethane	ND	0.0040	0.0081	1	07/11/2016 10:09
2-Hexanone	ND	0.0040	0.0081	1	07/11/2016 10:09
Isopropylbenzene	ND	0.0035	0.0081	1	07/11/2016 10:09
4-Isopropyl toluene	ND	0.0050	0.0081	1	07/11/2016 10:09
Methyl-t-butyl ether (MTBE)	ND	0.0021	0.0081	1	07/11/2016 10:09
Methylene chloride	ND	0.0058	0.0081	1	07/11/2016 10:09
4-Methyl-2-pentanone (MIBK)	ND	0.0013	0.0081	1	07/11/2016 10:09
Naphthalene	ND	0.00097	0.0081	1	07/11/2016 10:09
n-Propyl benzene	ND	0.0047	0.0081	1	07/11/2016 10:09
Styrene	ND	0.0023	0.0081	1	07/11/2016 10:09
1,1,1,2-Tetrachloroethane	ND	0.0026	0.0081	1	07/11/2016 10:09
1,1,2,2-Tetrachloroethane	ND	0.0021	0.0081	1	07/11/2016 10:09
Tetrachloroethene	ND	0.0037	0.0081	1	07/11/2016 10:09
Toluene	ND	0.0035	0.0081	1	07/11/2016 10:09
1,2,3-Trichlorobenzene	ND	0.0011	0.0081	1	07/11/2016 10:09
1,2,4-Trichlorobenzene	ND	0.0018	0.0081	1	07/11/2016 10:09
1,1,1-Trichloroethane	ND	0.0029	0.0081	1	07/11/2016 10:09
1,1,2-Trichloroethane	ND	0.0026	0.0081	1	07/11/2016 10:09
Trichloroethene	ND	0.0027	0.0081	1	07/11/2016 10:09
Trichlorofluoromethane	ND	0.0026	0.0081	1	07/11/2016 10:09
1,2,3-Trichloropropane	ND	0.0031	0.0081	1	07/11/2016 10:09
1,2,4-Trimethylbenzene	ND	0.0039	0.0081	1	07/11/2016 10:09
1,3,5-Trimethylbenzene	ND	0.0043	0.0081	1	07/11/2016 10:09
Vinyl Chloride	ND	0.0024	0.0081	1	07/11/2016 10:09
Xylenes, Total	ND	0.0040	0.0081	1	07/11/2016 10:09

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5.5	1607345-022B	Soil	07/07/2016 12:02	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
Dibromofluoromethane	106		70-130		07/11/2016 10:09
Toluene-d8	111		70-130		07/11/2016 10:09
4-BFB	100		70-130		07/11/2016 10:09
Benzene-d6	118		60-140		07/11/2016 10:09
Ethylbenzene-d10	127		60-140		07/11/2016 10:09
1,2-DCB-d4	96		60-140		07/11/2016 10:09

Analyst(s): KF Analytical Comments: a9

(Cont.)

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 3	1607345-023B	Soil	07/07/2016 12:28	GC10	123492

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	ND		0.061	0.16	1	07/11/2016 11:15
tert-Amyl methyl ether (TAME)	ND		0.0016	0.0078	1	07/11/2016 11:15
Benzene	ND		0.0025	0.0078	1	07/11/2016 11:15
Bromobenzene	ND		0.0027	0.0078	1	07/11/2016 11:15
Bromochloromethane	ND		0.0024	0.0078	1	07/11/2016 11:15
Bromodichloromethane	ND		0.0019	0.0078	1	07/11/2016 11:15
Bromoform	ND		0.0013	0.0078	1	07/11/2016 11:15
Bromomethane	ND		0.0031	0.0078	1	07/11/2016 11:15
2-Butanone (MEK)	ND		0.0085	0.031	1	07/11/2016 11:15
t-Butyl alcohol (TBA)	ND		0.0083	0.078	1	07/11/2016 11:15
n-Butyl benzene	ND		0.0055	0.0078	1	07/11/2016 11:15
sec-Butyl benzene	ND		0.0053	0.0078	1	07/11/2016 11:15
tert-Butyl benzene	ND		0.0047	0.0078	1	07/11/2016 11:15
Carbon Disulfide	**0.0029**	J	0.0027	0.0078	1	07/11/2016 11:15
Carbon Tetrachloride	ND		0.0027	0.0078	1	07/11/2016 11:15
Chlorobenzene	ND		0.0028	0.0078	1	07/11/2016 11:15
Chloroethane	ND		0.0025	0.0078	1	07/11/2016 11:15
Chloroform	ND		0.0025	0.0078	1	07/11/2016 11:15
Chloromethane	ND		0.0027	0.0078	1	07/11/2016 11:15
2-Chlorotoluene	ND		0.0034	0.0078	1	07/11/2016 11:15
4-Chlorotoluene	ND		0.0033	0.0078	1	07/11/2016 11:15
Dibromochloromethane	ND		0.0017	0.0078	1	07/11/2016 11:15
1,2-Dibromo-3-chloropropane	ND		0.0019	0.0063	1	07/11/2016 11:15
1,2-Dibromoethane (EDB)	ND		0.0020	0.0063	1	07/11/2016 11:15
Dibromomethane	ND		0.0022	0.0078	1	07/11/2016 11:15
1,2-Dichlorobenzene	ND		0.0022	0.0078	1	07/11/2016 11:15
1,3-Dichlorobenzene	ND		0.0028	0.0078	1	07/11/2016 11:15
1,4-Dichlorobenzene	ND		0.0028	0.0078	1	07/11/2016 11:15
Dichlorodifluoromethane	ND		0.0017	0.0078	1	07/11/2016 11:15
1,1-Dichloroethane	ND		0.0027	0.0078	1	07/11/2016 11:15
1,2-Dichloroethane (1,2-DCA)	ND		0.0022	0.0078	1	07/11/2016 11:15
1,1-Dichloroethene	ND		0.0027	0.0078	1	07/11/2016 11:15
cis-1,2-Dichloroethene	ND		0.0024	0.0078	1	07/11/2016 11:15
trans-1,2-Dichloroethene	ND		0.0025	0.0078	1	07/11/2016 11:15
1,2-Dichloropropane	ND		0.0022	0.0078	1	07/11/2016 11:15
1,3-Dichloropropane	ND		0.0025	0.0078	1	07/11/2016 11:15
2,2-Dichloropropane	ND		0.0020	0.0078	1	07/11/2016 11:15

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 3	1607345-023B	Soil	07/07/2016 12:28	GC10	123492

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0028	0.0078	1	07/11/2016 11:15
cis-1,3-Dichloropropene	ND		0.0024	0.0078	1	07/11/2016 11:15
trans-1,3-Dichloropropene	ND		0.0022	0.0078	1	07/11/2016 11:15
Diisopropyl ether (DIPE)	ND		0.0022	0.0078	1	07/11/2016 11:15
Ethylbenzene	ND		0.0031	0.0078	1	07/11/2016 11:15
Ethyl tert-butyl ether (ETBE)	ND		0.0020	0.0078	1	07/11/2016 11:15
Freon 113	ND		0.0025	0.0078	1	07/11/2016 11:15
Hexachlorobutadiene	ND		0.0078	0.0078	1	07/11/2016 11:15
Hexachloroethane	ND		0.0039	0.0078	1	07/11/2016 11:15
2-Hexanone	ND		0.0039	0.0078	1	07/11/2016 11:15
Isopropylbenzene	ND		0.0034	0.0078	1	07/11/2016 11:15
4-Isopropyl toluene	ND		0.0049	0.0078	1	07/11/2016 11:15
Methyl-t-butyl ether (MTBE)	ND		0.0020	0.0078	1	07/11/2016 11:15
Methylene chloride	ND		0.0056	0.0078	1	07/11/2016 11:15
4-Methyl-2-pentanone (MIBK)	ND		0.0013	0.0078	1	07/11/2016 11:15
Naphthalene	ND		0.00094	0.0078	1	07/11/2016 11:15
n-Propyl benzene	ND		0.0045	0.0078	1	07/11/2016 11:15
Styrene	ND		0.0022	0.0078	1	07/11/2016 11:15
1,1,1,2-Tetrachloroethane	ND		0.0025	0.0078	1	07/11/2016 11:15
1,1,2,2-Tetrachloroethane	ND		0.0020	0.0078	1	07/11/2016 11:15
Tetrachloroethene	ND		0.0036	0.0078	1	07/11/2016 11:15
Toluene	ND		0.0034	0.0078	1	07/11/2016 11:15
1,2,3-Trichlorobenzene	ND		0.0011	0.0078	1	07/11/2016 11:15
1,2,4-Trichlorobenzene	ND		0.0017	0.0078	1	07/11/2016 11:15
1,1,1-Trichloroethane	ND		0.0028	0.0078	1	07/11/2016 11:15
1,1,2-Trichloroethane	ND		0.0025	0.0078	1	07/11/2016 11:15
Trichloroethene	ND		0.0027	0.0078	1	07/11/2016 11:15
Trichlorofluoromethane	ND		0.0025	0.0078	1	07/11/2016 11:15
1,2,3-Trichloropropane	ND		0.0030	0.0078	1	07/11/2016 11:15
1,2,4-Trimethylbenzene	ND		0.0038	0.0078	1	07/11/2016 11:15
1,3,5-Trimethylbenzene	ND		0.0042	0.0078	1	07/11/2016 11:15
Vinyl Chloride	ND		0.0024	0.0078	1	07/11/2016 11:15
Xylenes, Total	ND		0.0039	0.0078	1	07/11/2016 11:15

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 3	**1607345-023B**	**Soil**	**07/07/2016 12:28**	**GC10**	**123492**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
Dibromofluoromethane	106			70-130		07/11/2016 11:15
Toluene-d8	111			70-130		07/11/2016 11:15
4-BFB	99			70-130		07/11/2016 11:15
Benzene-d6	115			60-140		07/11/2016 11:15
Ethylbenzene-d10	124			60-140		07/11/2016 11:15
1,2-DCB-d4	94			60-140		07/11/2016 11:15

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 6	1607345-024B	Soil	07/07/2016 12:34	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.060	0.15	1	07/11/2016 11:55
tert-Amyl methyl ether (TAME)	ND	0.0015	0.0077	1	07/11/2016 11:55
Benzene	ND	0.0025	0.0077	1	07/11/2016 11:55
Bromobenzene	ND	0.0026	0.0077	1	07/11/2016 11:55
Bromochloromethane	ND	0.0023	0.0077	1	07/11/2016 11:55
Bromodichloromethane	ND	0.0019	0.0077	1	07/11/2016 11:55
Bromoform	ND	0.0012	0.0077	1	07/11/2016 11:55
Bromomethane	ND	0.0031	0.0077	1	07/11/2016 11:55
2-Butanone (MEK)	ND	0.0083	0.031	1	07/11/2016 11:55
t-Butyl alcohol (TBA)	ND	0.0082	0.077	1	07/11/2016 11:55
n-Butyl benzene	ND	0.0054	0.0077	1	07/11/2016 11:55
sec-Butyl benzene	ND	0.0052	0.0077	1	07/11/2016 11:55
tert-Butyl benzene	ND	0.0046	0.0077	1	07/11/2016 11:55
Carbon Disulfide	ND	0.0026	0.0077	1	07/11/2016 11:55
Carbon Tetrachloride	ND	0.0026	0.0077	1	07/11/2016 11:55
Chlorobenzene	ND	0.0028	0.0077	1	07/11/2016 11:55
Chloroethane	ND	0.0025	0.0077	1	07/11/2016 11:55
Chloroform	ND	0.0025	0.0077	1	07/11/2016 11:55
Chloromethane	ND	0.0026	0.0077	1	07/11/2016 11:55
2-Chlorotoluene	ND	0.0034	0.0077	1	07/11/2016 11:55
4-Chlorotoluene	ND	0.0032	0.0077	1	07/11/2016 11:55
Dibromochloromethane	ND	0.0017	0.0077	1	07/11/2016 11:55
1,2-Dibromo-3-chloropropane	ND	0.0019	0.0062	1	07/11/2016 11:55
1,2-Dibromoethane (EDB)	ND	0.0020	0.0062	1	07/11/2016 11:55
Dibromomethane	ND	0.0022	0.0077	1	07/11/2016 11:55
1,2-Dichlorobenzene	ND	0.0022	0.0077	1	07/11/2016 11:55
1,3-Dichlorobenzene	ND	0.0028	0.0077	1	07/11/2016 11:55
1,4-Dichlorobenzene	ND	0.0028	0.0077	1	07/11/2016 11:55
Dichlorodifluoromethane	ND	0.0017	0.0077	1	07/11/2016 11:55
1,1-Dichloroethane	ND	0.0026	0.0077	1	07/11/2016 11:55
1,2-Dichloroethane (1,2-DCA)	ND	0.0022	0.0077	1	07/11/2016 11:55
1,1-Dichloroethene	ND	0.0026	0.0077	1	07/11/2016 11:55
cis-1,2-Dichloroethene	ND	0.0023	0.0077	1	07/11/2016 11:55
trans-1,2-Dichloroethene	ND	0.0025	0.0077	1	07/11/2016 11:55
1,2-Dichloropropane	ND	0.0022	0.0077	1	07/11/2016 11:55
1,3-Dichloropropane	ND	0.0025	0.0077	1	07/11/2016 11:55
2,2-Dichloropropane	ND	0.0020	0.0077	1	07/11/2016 11:55

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 6	1607345-024B	Soil	07/07/2016 12:34	GC10	123492

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0028	0.0077	1	07/11/2016 11:55
cis-1,3-Dichloropropene	ND	0.0023	0.0077	1	07/11/2016 11:55
trans-1,3-Dichloropropene	ND	0.0022	0.0077	1	07/11/2016 11:55
Diisopropyl ether (DIPE)	ND	0.0022	0.0077	1	07/11/2016 11:55
Ethylbenzene	ND	0.0031	0.0077	1	07/11/2016 11:55
Ethyl tert-butyl ether (ETBE)	ND	0.0020	0.0077	1	07/11/2016 11:55
Freon 113	ND	0.0025	0.0077	1	07/11/2016 11:55
Hexachlorobutadiene	ND	0.0077	0.0077	1	07/11/2016 11:55
Hexachloroethane	ND	0.0039	0.0077	1	07/11/2016 11:55
2-Hexanone	ND	0.0039	0.0077	1	07/11/2016 11:55
Isopropylbenzene	ND	0.0034	0.0077	1	07/11/2016 11:55
4-Isopropyl toluene	ND	0.0048	0.0077	1	07/11/2016 11:55
Methyl-t-butyl ether (MTBE)	ND	0.0020	0.0077	1	07/11/2016 11:55
Methylene chloride	ND	0.0056	0.0077	1	07/11/2016 11:55
4-Methyl-2-pentanone (MIBK)	ND	0.0012	0.0077	1	07/11/2016 11:55
Naphthalene	ND	0.00093	0.0077	1	07/11/2016 11:55
n-Propyl benzene	ND	0.0045	0.0077	1	07/11/2016 11:55
Styrene	ND	0.0022	0.0077	1	07/11/2016 11:55
1,1,1,2-Tetrachloroethane	ND	0.0025	0.0077	1	07/11/2016 11:55
1,1,2,2-Tetrachloroethane	ND	0.0020	0.0077	1	07/11/2016 11:55
Tetrachloroethene	ND	0.0035	0.0077	1	07/11/2016 11:55
Toluene	ND	0.0034	0.0077	1	07/11/2016 11:55
1,2,3-Trichlorobenzene	ND	0.0011	0.0077	1	07/11/2016 11:55
1,2,4-Trichlorobenzene	ND	0.0017	0.0077	1	07/11/2016 11:55
1,1,1-Trichloroethane	ND	0.0028	0.0077	1	07/11/2016 11:55
1,1,2-Trichloroethane	ND	0.0025	0.0077	1	07/11/2016 11:55
Trichloroethene	ND	0.0026	0.0077	1	07/11/2016 11:55
Trichlorofluoromethane	ND	0.0025	0.0077	1	07/11/2016 11:55
1,2,3-Trichloropropane	ND	0.0029	0.0077	1	07/11/2016 11:55
1,2,4-Trimethylbenzene	ND	0.0037	0.0077	1	07/11/2016 11:55
1,3,5-Trimethylbenzene	ND	0.0042	0.0077	1	07/11/2016 11:55
Vinyl Chloride	ND	0.0023	0.0077	1	07/11/2016 11:55
Xylenes, Total	ND	0.0039	0.0077	1	07/11/2016 11:55

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5035
Date Prepared:	7/8/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Volatile Organics by P&T and GC/MS (Basic Target List) [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 6	**1607345-024B**	**Soil**	**07/07/2016 12:34**	**GC10**	**123492**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	107		70-130		07/11/2016 11:55
Toluene-d8	110		70-130		07/11/2016 11:55
4-BFB	98		70-130		07/11/2016 11:55
Benzene-d6	121		60-140		07/11/2016 11:55
Ethylbenzene-d10	132		60-140		07/11/2016 11:55
1,2-DCB-d4	99		60-140		07/11/2016 11:55

Analyst(s): MW Analytical Comments: a9

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	1607345-001B	Water	07/07/2016 09:12	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	**2.3**	JB	1.70	10	1	07/09/2016 09:55
tert-Amyl methyl ether (TAME)	ND		0.220	0.50	1	07/09/2016 09:55
Benzene	ND		0.0510	0.50	1	07/09/2016 09:55
Bromobenzene	ND		0.0600	0.50	1	07/09/2016 09:55
Bromochloromethane	ND		0.0900	0.50	1	07/09/2016 09:55
Bromodichloromethane	ND		0.200	0.50	1	07/09/2016 09:55
Bromoform	ND		0.0660	0.50	1	07/09/2016 09:55
Bromomethane	ND		0.160	0.50	1	07/09/2016 09:55
2-Butanone (MEK)	ND		0.490	2.0	1	07/09/2016 09:55
t-Butyl alcohol (TBA)	ND		0.940	2.0	1	07/09/2016 09:55
n-Butyl benzene	ND		0.0840	0.50	1	07/09/2016 09:55
sec-Butyl benzene	ND		0.0600	0.50	1	07/09/2016 09:55
tert-Butyl benzene	ND		0.0500	0.50	1	07/09/2016 09:55
Carbon Disulfide	ND		0.0660	0.50	1	07/09/2016 09:55
Carbon Tetrachloride	ND		0.0690	0.50	1	07/09/2016 09:55
Chlorobenzene	ND		0.0500	0.50	1	07/09/2016 09:55
Chloroethane	ND		0.310	0.50	1	07/09/2016 09:55
Chloroform	ND		0.0640	0.50	1	07/09/2016 09:55
Chloromethane	ND		0.130	0.50	1	07/09/2016 09:55
2-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 09:55
4-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 09:55
Dibromochloromethane	ND		0.0800	0.50	1	07/09/2016 09:55
1,2-Dibromo-3-chloropropane	ND		0.120	0.20	1	07/09/2016 09:55
1,2-Dibromoethane (EDB)	ND		0.120	0.50	1	07/09/2016 09:55
Dibromomethane	ND		0.0800	0.50	1	07/09/2016 09:55
1,2-Dichlorobenzene	ND		0.0800	0.50	1	07/09/2016 09:55
1,3-Dichlorobenzene	ND		0.0710	0.50	1	07/09/2016 09:55
1,4-Dichlorobenzene	ND		0.0720	0.50	1	07/09/2016 09:55
Dichlorodifluoromethane	ND		0.0630	0.50	1	07/09/2016 09:55
1,1-Dichloroethane	ND		0.0600	0.50	1	07/09/2016 09:55
1,2-Dichloroethane (1,2-DCA)	ND		0.0900	0.50	1	07/09/2016 09:55
1,1-Dichloroethene	ND		0.0860	0.50	1	07/09/2016 09:55
cis-1,2-Dichloroethene	ND		0.0500	0.50	1	07/09/2016 09:55
trans-1,2-Dichloroethene	ND		0.0600	0.50	1	07/09/2016 09:55
1,2-Dichloropropane	ND		0.0550	0.50	1	07/09/2016 09:55
1,3-Dichloropropane	ND		0.100	0.50	1	07/09/2016 09:55
2,2-Dichloropropane	ND		0.100	0.50	1	07/09/2016 09:55

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	1607345-001B	Water	07/07/2016 09:12	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0600	0.50	1	07/09/2016 09:55
cis-1,3-Dichloropropene	ND		0.0900	0.50	1	07/09/2016 09:55
trans-1,3-Dichloropropene	ND		0.0700	0.50	1	07/09/2016 09:55
Diisopropyl ether (DIPE)	ND		0.0700	0.50	1	07/09/2016 09:55
Ethylbenzene	ND		0.0500	0.50	1	07/09/2016 09:55
Ethyl tert-butyl ether (ETBE)	ND		0.0700	0.50	1	07/09/2016 09:55
Freon 113	ND		0.0660	0.50	1	07/09/2016 09:55
Hexachlorobutadiene	ND		0.0850	0.50	1	07/09/2016 09:55
Hexachloroethane	ND		0.0600	0.50	1	07/09/2016 09:55
2-Hexanone	ND		0.440	0.50	1	07/09/2016 09:55
Isopropylbenzene	ND		0.0700	0.50	1	07/09/2016 09:55
4-Isopropyl toluene	ND		0.0500	0.50	1	07/09/2016 09:55
Methyl-t-butyl ether (MTBE)	**0.23**	J	0.100	0.50	1	07/09/2016 09:55
Methylene chloride	ND		0.0520	0.50	1	07/09/2016 09:55
4-Methyl-2-pentanone (MIBK)	ND		0.240	0.50	1	07/09/2016 09:55
Naphthalene	ND		0.160	0.50	1	07/09/2016 09:55
n-Propyl benzene	ND		0.0600	0.50	1	07/09/2016 09:55
Styrene	ND		0.0600	0.50	1	07/09/2016 09:55
1,1,1,2-Tetrachloroethane	ND		0.0700	0.50	1	07/09/2016 09:55
1,1,2,2-Tetrachloroethane	ND		0.110	0.50	1	07/09/2016 09:55
Tetrachloroethene	ND		0.0820	0.50	1	07/09/2016 09:55
Toluene	**0.045**	J	0.0400	0.50	1	07/09/2016 09:55
1,2,3-Trichlorobenzene	ND		0.110	0.50	1	07/09/2016 09:55
1,2,4-Trichlorobenzene	ND		0.0860	0.50	1	07/09/2016 09:55
1,1,1-Trichloroethane	ND		0.0500	0.50	1	07/09/2016 09:55
1,1,2-Trichloroethane	ND		0.0800	0.50	1	07/09/2016 09:55
Trichloroethene	ND		0.0600	0.50	1	07/09/2016 09:55
Trichlorofluoromethane	ND		0.0470	0.50	1	07/09/2016 09:55
1,2,3-Trichloropropane	ND		0.140	0.50	1	07/09/2016 09:55
1,2,4-Trimethylbenzene	ND		0.0650	0.50	1	07/09/2016 09:55
1,3,5-Trimethylbenzene	ND		0.0700	0.50	1	07/09/2016 09:55
Vinyl Chloride	ND		0.0700	0.50	1	07/09/2016 09:55
Xylenes, Total	ND		0.250	0.50	1	07/09/2016 09:55

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1607345-001B**	**Water**	**07/07/2016 09:12**	**GC18**	**123512**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
Dibromofluoromethane	119			70-130		07/09/2016 09:55
Toluene-d8	109			70-130		07/09/2016 09:55
4-BFB	98			70-130		07/09/2016 09:55

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1607345-002B	Water	07/07/2016 09:39	GC18	123512

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	1.70	10	1	07/09/2016 10:34
tert-Amyl methyl ether (TAME)	ND	0.220	0.50	1	07/09/2016 10:34
Benzene	ND	0.0510	0.50	1	07/09/2016 10:34
Bromobenzene	ND	0.0600	0.50	1	07/09/2016 10:34
Bromochloromethane	ND	0.0900	0.50	1	07/09/2016 10:34
Bromodichloromethane	ND	0.200	0.50	1	07/09/2016 10:34
Bromoform	ND	0.0660	0.50	1	07/09/2016 10:34
Bromomethane	ND	0.160	0.50	1	07/09/2016 10:34
2-Butanone (MEK)	ND	0.490	2.0	1	07/09/2016 10:34
t-Butyl alcohol (TBA)	ND	0.940	2.0	1	07/09/2016 10:34
n-Butyl benzene	ND	0.0840	0.50	1	07/09/2016 10:34
sec-Butyl benzene	ND	0.0600	0.50	1	07/09/2016 10:34
tert-Butyl benzene	ND	0.0500	0.50	1	07/09/2016 10:34
Carbon Disulfide	ND	0.0660	0.50	1	07/09/2016 10:34
Carbon Tetrachloride	ND	0.0690	0.50	1	07/09/2016 10:34
Chlorobenzene	ND	0.0500	0.50	1	07/09/2016 10:34
Chloroethane	ND	0.310	0.50	1	07/09/2016 10:34
Chloroform	ND	0.0640	0.50	1	07/09/2016 10:34
Chloromethane	ND	0.130	0.50	1	07/09/2016 10:34
2-Chlorotoluene	ND	0.0700	0.50	1	07/09/2016 10:34
4-Chlorotoluene	ND	0.0700	0.50	1	07/09/2016 10:34
Dibromochloromethane	ND	0.0800	0.50	1	07/09/2016 10:34
1,2-Dibromo-3-chloropropane	ND	0.120	0.20	1	07/09/2016 10:34
1,2-Dibromoethane (EDB)	ND	0.120	0.50	1	07/09/2016 10:34
Dibromomethane	ND	0.0800	0.50	1	07/09/2016 10:34
1,2-Dichlorobenzene	ND	0.0800	0.50	1	07/09/2016 10:34
1,3-Dichlorobenzene	ND	0.0710	0.50	1	07/09/2016 10:34
1,4-Dichlorobenzene	ND	0.0720	0.50	1	07/09/2016 10:34
Dichlorodifluoromethane	ND	0.0630	0.50	1	07/09/2016 10:34
1,1-Dichloroethane	ND	0.0600	0.50	1	07/09/2016 10:34
1,2-Dichloroethane (1,2-DCA)	ND	0.0900	0.50	1	07/09/2016 10:34
1,1-Dichloroethene	ND	0.0860	0.50	1	07/09/2016 10:34
cis-1,2-Dichloroethene	ND	0.0500	0.50	1	07/09/2016 10:34
trans-1,2-Dichloroethene	ND	0.0600	0.50	1	07/09/2016 10:34
1,2-Dichloropropane	ND	0.0550	0.50	1	07/09/2016 10:34
1,3-Dichloropropane	ND	0.100	0.50	1	07/09/2016 10:34
2,2-Dichloropropane	ND	0.100	0.50	1	07/09/2016 10:34

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1607345-002B	Water	07/07/2016 09:39	GC18	123512

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0600	0.50	1	07/09/2016 10:34
cis-1,3-Dichloropropene	ND	0.0900	0.50	1	07/09/2016 10:34
trans-1,3-Dichloropropene	ND	0.0700	0.50	1	07/09/2016 10:34
Diisopropyl ether (DIPE)	ND	0.0700	0.50	1	07/09/2016 10:34
Ethylbenzene	ND	0.0500	0.50	1	07/09/2016 10:34
Ethyl tert-butyl ether (ETBE)	ND	0.0700	0.50	1	07/09/2016 10:34
Freon 113	ND	0.0660	0.50	1	07/09/2016 10:34
Hexachlorobutadiene	ND	0.0850	0.50	1	07/09/2016 10:34
Hexachloroethane	ND	0.0600	0.50	1	07/09/2016 10:34
2-Hexanone	ND	0.440	0.50	1	07/09/2016 10:34
Isopropylbenzene	ND	0.0700	0.50	1	07/09/2016 10:34
4-Isopropyl toluene	ND	0.0500	0.50	1	07/09/2016 10:34
Methyl-t-butyl ether (MTBE)	ND	0.100	0.50	1	07/09/2016 10:34
Methylene chloride	ND	0.0520	0.50	1	07/09/2016 10:34
4-Methyl-2-pentanone (MIBK)	ND	0.240	0.50	1	07/09/2016 10:34
Naphthalene	ND	0.160	0.50	1	07/09/2016 10:34
n-Propyl benzene	ND	0.0600	0.50	1	07/09/2016 10:34
Styrene	ND	0.0600	0.50	1	07/09/2016 10:34
1,1,1,2-Tetrachloroethane	ND	0.0700	0.50	1	07/09/2016 10:34
1,1,2,2-Tetrachloroethane	ND	0.110	0.50	1	07/09/2016 10:34
Tetrachloroethene	ND	0.0820	0.50	1	07/09/2016 10:34
Toluene	ND	0.0400	0.50	1	07/09/2016 10:34
1,2,3-Trichlorobenzene	ND	0.110	0.50	1	07/09/2016 10:34
1,2,4-Trichlorobenzene	ND	0.0860	0.50	1	07/09/2016 10:34
1,1,1-Trichloroethane	ND	0.0500	0.50	1	07/09/2016 10:34
1,1,2-Trichloroethane	ND	0.0800	0.50	1	07/09/2016 10:34
Trichloroethene	ND	0.0600	0.50	1	07/09/2016 10:34
Trichlorofluoromethane	ND	0.0470	0.50	1	07/09/2016 10:34
1,2,3-Trichloropropane	ND	0.140	0.50	1	07/09/2016 10:34
1,2,4-Trimethylbenzene	ND	0.0650	0.50	1	07/09/2016 10:34
1,3,5-Trimethylbenzene	ND	0.0700	0.50	1	07/09/2016 10:34
Vinyl Chloride	ND	0.0700	0.50	1	07/09/2016 10:34
Xylenes, Total	ND	0.250	0.50	1	07/09/2016 10:34

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	**1607345-002B**	**Water**	**07/07/2016 09:39**	**GC18**	**123512**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	122		70-130		07/09/2016 10:34
Toluene-d8	107		70-130		07/09/2016 10:34
4-BFB	96		70-130		07/09/2016 10:34

Analyst(s): KF Analytical Comments: b1

(Cont.)

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1607345-003B	Water	07/07/2016 10:01	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	**1.7**	JB	1.70	10	1	07/09/2016 11:13
tert-Amyl methyl ether (TAME)	ND		0.220	0.50	1	07/09/2016 11:13
Benzene	ND		0.0510	0.50	1	07/09/2016 11:13
Bromobenzene	ND		0.0600	0.50	1	07/09/2016 11:13
Bromochloromethane	ND		0.0900	0.50	1	07/09/2016 11:13
Bromodichloromethane	ND		0.200	0.50	1	07/09/2016 11:13
Bromoform	ND		0.0660	0.50	1	07/09/2016 11:13
Bromomethane	ND		0.160	0.50	1	07/09/2016 11:13
2-Butanone (MEK)	ND		0.490	2.0	1	07/09/2016 11:13
t-Butyl alcohol (TBA)	ND		0.940	2.0	1	07/09/2016 11:13
n-Butyl benzene	ND		0.0840	0.50	1	07/09/2016 11:13
sec-Butyl benzene	ND		0.0600	0.50	1	07/09/2016 11:13
tert-Butyl benzene	ND		0.0500	0.50	1	07/09/2016 11:13
Carbon Disulfide	ND		0.0660	0.50	1	07/09/2016 11:13
Carbon Tetrachloride	ND		0.0690	0.50	1	07/09/2016 11:13
Chlorobenzene	ND		0.0500	0.50	1	07/09/2016 11:13
Chloroethane	ND		0.310	0.50	1	07/09/2016 11:13
Chloroform	ND		0.0640	0.50	1	07/09/2016 11:13
Chloromethane	ND		0.130	0.50	1	07/09/2016 11:13
2-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 11:13
4-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 11:13
Dibromochloromethane	ND		0.0800	0.50	1	07/09/2016 11:13
1,2-Dibromo-3-chloropropane	ND		0.120	0.20	1	07/09/2016 11:13
1,2-Dibromoethane (EDB)	ND		0.120	0.50	1	07/09/2016 11:13
Dibromomethane	ND		0.0800	0.50	1	07/09/2016 11:13
1,2-Dichlorobenzene	ND		0.0800	0.50	1	07/09/2016 11:13
1,3-Dichlorobenzene	ND		0.0710	0.50	1	07/09/2016 11:13
1,4-Dichlorobenzene	ND		0.0720	0.50	1	07/09/2016 11:13
Dichlorodifluoromethane	ND		0.0630	0.50	1	07/09/2016 11:13
1,1-Dichloroethane	ND		0.0600	0.50	1	07/09/2016 11:13
1,2-Dichloroethane (1,2-DCA)	ND		0.0900	0.50	1	07/09/2016 11:13
1,1-Dichloroethene	ND		0.0860	0.50	1	07/09/2016 11:13
cis-1,2-Dichloroethene	ND		0.0500	0.50	1	07/09/2016 11:13
trans-1,2-Dichloroethene	ND		0.0600	0.50	1	07/09/2016 11:13
1,2-Dichloropropane	ND		0.0550	0.50	1	07/09/2016 11:13
1,3-Dichloropropane	ND		0.100	0.50	1	07/09/2016 11:13
2,2-Dichloropropane	ND		0.100	0.50	1	07/09/2016 11:13

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1607345-003B	Water	07/07/2016 10:01	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0600	0.50	1	07/09/2016 11:13
cis-1,3-Dichloropropene	ND		0.0900	0.50	1	07/09/2016 11:13
trans-1,3-Dichloropropene	ND		0.0700	0.50	1	07/09/2016 11:13
Diisopropyl ether (DIPE)	ND		0.0700	0.50	1	07/09/2016 11:13
Ethylbenzene	ND		0.0500	0.50	1	07/09/2016 11:13
Ethyl tert-butyl ether (ETBE)	ND		0.0700	0.50	1	07/09/2016 11:13
Freon 113	ND		0.0660	0.50	1	07/09/2016 11:13
Hexachlorobutadiene	ND		0.0850	0.50	1	07/09/2016 11:13
Hexachloroethane	ND		0.0600	0.50	1	07/09/2016 11:13
2-Hexanone	ND		0.440	0.50	1	07/09/2016 11:13
Isopropylbenzene	ND		0.0700	0.50	1	07/09/2016 11:13
4-Isopropyl toluene	ND		0.0500	0.50	1	07/09/2016 11:13
Methyl-t-butyl ether (MTBE)	**0.30**	J	0.100	0.50	1	07/09/2016 11:13
Methylene chloride	ND		0.0520	0.50	1	07/09/2016 11:13
4-Methyl-2-pentanone (MIBK)	ND		0.240	0.50	1	07/09/2016 11:13
Naphthalene	ND		0.160	0.50	1	07/09/2016 11:13
n-Propyl benzene	ND		0.0600	0.50	1	07/09/2016 11:13
Styrene	ND		0.0600	0.50	1	07/09/2016 11:13
1,1,1,2-Tetrachloroethane	ND		0.0700	0.50	1	07/09/2016 11:13
1,1,2,2-Tetrachloroethane	ND		0.110	0.50	1	07/09/2016 11:13
Tetrachloroethene	ND		0.0820	0.50	1	07/09/2016 11:13
Toluene	ND		0.0400	0.50	1	07/09/2016 11:13
1,2,3-Trichlorobenzene	ND		0.110	0.50	1	07/09/2016 11:13
1,2,4-Trichlorobenzene	ND		0.0860	0.50	1	07/09/2016 11:13
1,1,1-Trichloroethane	ND		0.0500	0.50	1	07/09/2016 11:13
1,1,2-Trichloroethane	ND		0.0800	0.50	1	07/09/2016 11:13
Trichloroethene	ND		0.0600	0.50	1	07/09/2016 11:13
Trichlorofluoromethane	ND		0.0470	0.50	1	07/09/2016 11:13
1,2,3-Trichloropropane	ND		0.140	0.50	1	07/09/2016 11:13
1,2,4-Trimethylbenzene	ND		0.0650	0.50	1	07/09/2016 11:13
1,3,5-Trimethylbenzene	ND		0.0700	0.50	1	07/09/2016 11:13
Vinyl Chloride	ND		0.0700	0.50	1	07/09/2016 11:13
Xylenes, Total	ND		0.250	0.50	1	07/09/2016 11:13

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	**1607345-003B**	**Water**	**07/07/2016 10:01**	**GC18**	**123512**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
Dibromofluoromethane	123			70-130		07/09/2016 11:13
Toluene-d8	107			70-130		07/09/2016 11:13
4-BFB	96			70-130		07/09/2016 11:13

Analyst(s): KF Analytical Comments: b1

(Cont.)

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4	1607345-004B	Water	07/07/2016 10:27	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	**1.9**	JB	1.70	10	1	07/09/2016 11:53
tert-Amyl methyl ether (TAME)	ND		0.220	0.50	1	07/09/2016 11:53
Benzene	ND		0.0510	0.50	1	07/09/2016 11:53
Bromobenzene	ND		0.0600	0.50	1	07/09/2016 11:53
Bromochloromethane	ND		0.0900	0.50	1	07/09/2016 11:53
Bromodichloromethane	ND		0.200	0.50	1	07/09/2016 11:53
Bromoform	ND		0.0660	0.50	1	07/09/2016 11:53
Bromomethane	ND		0.160	0.50	1	07/09/2016 11:53
2-Butanone (MEK)	ND		0.490	2.0	1	07/09/2016 11:53
t-Butyl alcohol (TBA)	ND		0.940	2.0	1	07/09/2016 11:53
n-Butyl benzene	ND		0.0840	0.50	1	07/09/2016 11:53
sec-Butyl benzene	ND		0.0600	0.50	1	07/09/2016 11:53
tert-Butyl benzene	ND		0.0500	0.50	1	07/09/2016 11:53
Carbon Disulfide	ND		0.0660	0.50	1	07/09/2016 11:53
Carbon Tetrachloride	ND		0.0690	0.50	1	07/09/2016 11:53
Chlorobenzene	ND		0.0500	0.50	1	07/09/2016 11:53
Chloroethane	ND		0.310	0.50	1	07/09/2016 11:53
Chloroform	ND		0.0640	0.50	1	07/09/2016 11:53
Chloromethane	ND		0.130	0.50	1	07/09/2016 11:53
2-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 11:53
4-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 11:53
Dibromochloromethane	ND		0.0800	0.50	1	07/09/2016 11:53
1,2-Dibromo-3-chloropropane	ND		0.120	0.20	1	07/09/2016 11:53
1,2-Dibromoethane (EDB)	ND		0.120	0.50	1	07/09/2016 11:53
Dibromomethane	ND		0.0800	0.50	1	07/09/2016 11:53
1,2-Dichlorobenzene	ND		0.0800	0.50	1	07/09/2016 11:53
1,3-Dichlorobenzene	ND		0.0710	0.50	1	07/09/2016 11:53
1,4-Dichlorobenzene	ND		0.0720	0.50	1	07/09/2016 11:53
Dichlorodifluoromethane	ND		0.0630	0.50	1	07/09/2016 11:53
1,1-Dichloroethane	ND		0.0600	0.50	1	07/09/2016 11:53
1,2-Dichloroethane (1,2-DCA)	ND		0.0900	0.50	1	07/09/2016 11:53
1,1-Dichloroethene	ND		0.0860	0.50	1	07/09/2016 11:53
cis-1,2-Dichloroethene	ND		0.0500	0.50	1	07/09/2016 11:53
trans-1,2-Dichloroethene	ND		0.0600	0.50	1	07/09/2016 11:53
1,2-Dichloropropane	ND		0.0550	0.50	1	07/09/2016 11:53
1,3-Dichloropropane	ND		0.100	0.50	1	07/09/2016 11:53
2,2-Dichloropropane	ND		0.100	0.50	1	07/09/2016 11:53

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4	1607345-004B	Water	07/07/2016 10:27	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0600	0.50	1	07/09/2016 11:53
cis-1,3-Dichloropropene	ND		0.0900	0.50	1	07/09/2016 11:53
trans-1,3-Dichloropropene	ND		0.0700	0.50	1	07/09/2016 11:53
Diisopropyl ether (DIPE)	ND		0.0700	0.50	1	07/09/2016 11:53
Ethylbenzene	ND		0.0500	0.50	1	07/09/2016 11:53
Ethyl tert-butyl ether (ETBE)	ND		0.0700	0.50	1	07/09/2016 11:53
Freon 113	ND		0.0660	0.50	1	07/09/2016 11:53
Hexachlorobutadiene	ND		0.0850	0.50	1	07/09/2016 11:53
Hexachloroethane	ND		0.0600	0.50	1	07/09/2016 11:53
2-Hexanone	ND		0.440	0.50	1	07/09/2016 11:53
Isopropylbenzene	ND		0.0700	0.50	1	07/09/2016 11:53
4-Isopropyl toluene	ND		0.0500	0.50	1	07/09/2016 11:53
Methyl-t-butyl ether (MTBE)	ND		0.100	0.50	1	07/09/2016 11:53
Methylene chloride	ND		0.0520	0.50	1	07/09/2016 11:53
4-Methyl-2-pentanone (MIBK)	ND		0.240	0.50	1	07/09/2016 11:53
Naphthalene	ND		0.160	0.50	1	07/09/2016 11:53
n-Propyl benzene	ND		0.0600	0.50	1	07/09/2016 11:53
Styrene	ND		0.0600	0.50	1	07/09/2016 11:53
1,1,1,2-Tetrachloroethane	ND		0.0700	0.50	1	07/09/2016 11:53
1,1,2,2-Tetrachloroethane	ND		0.110	0.50	1	07/09/2016 11:53
Tetrachloroethene	ND		0.0820	0.50	1	07/09/2016 11:53
Toluene	ND		0.0400	0.50	1	07/09/2016 11:53
1,2,3-Trichlorobenzene	ND		0.110	0.50	1	07/09/2016 11:53
1,2,4-Trichlorobenzene	ND		0.0860	0.50	1	07/09/2016 11:53
1,1,1-Trichloroethane	ND		0.0500	0.50	1	07/09/2016 11:53
1,1,2-Trichloroethane	ND		0.0800	0.50	1	07/09/2016 11:53
Trichloroethene	ND		0.0600	0.50	1	07/09/2016 11:53
Trichlorofluoromethane	ND		0.0470	0.50	1	07/09/2016 11:53
1,2,3-Trichloropropane	ND		0.140	0.50	1	07/09/2016 11:53
1,2,4-Trimethylbenzene	ND		0.0650	0.50	1	07/09/2016 11:53
1,3,5-Trimethylbenzene	ND		0.0700	0.50	1	07/09/2016 11:53
Vinyl Chloride	ND		0.0700	0.50	1	07/09/2016 11:53
Xylenes, Total	ND		0.250	0.50	1	07/09/2016 11:53

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4	**1607345-004B**	**Water**	**07/07/2016 10:27**	**GC18**	**123512**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
Dibromofluoromethane	123			70-130		07/09/2016 11:53
Toluene-d8	107			70-130		07/09/2016 11:53
4-BFB	96			70-130		07/09/2016 11:53

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	1607345-005B	Water	07/07/2016 10:59	GC18	123512

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	1.70	10	1	07/09/2016 12:31
tert-Amyl methyl ether (TAME)	ND	0.220	0.50	1	07/09/2016 12:31
Benzene	ND	0.0510	0.50	1	07/09/2016 12:31
Bromobenzene	ND	0.0600	0.50	1	07/09/2016 12:31
Bromochloromethane	ND	0.0900	0.50	1	07/09/2016 12:31
Bromodichloromethane	ND	0.200	0.50	1	07/09/2016 12:31
Bromoform	ND	0.0660	0.50	1	07/09/2016 12:31
Bromomethane	ND	0.160	0.50	1	07/09/2016 12:31
2-Butanone (MEK)	ND	0.490	2.0	1	07/09/2016 12:31
t-Butyl alcohol (TBA)	ND	0.940	2.0	1	07/09/2016 12:31
n-Butyl benzene	ND	0.0840	0.50	1	07/09/2016 12:31
sec-Butyl benzene	ND	0.0600	0.50	1	07/09/2016 12:31
tert-Butyl benzene	ND	0.0500	0.50	1	07/09/2016 12:31
Carbon Disulfide	ND	0.0660	0.50	1	07/09/2016 12:31
Carbon Tetrachloride	ND	0.0690	0.50	1	07/09/2016 12:31
Chlorobenzene	ND	0.0500	0.50	1	07/09/2016 12:31
Chloroethane	ND	0.310	0.50	1	07/09/2016 12:31
Chloroform	ND	0.0640	0.50	1	07/09/2016 12:31
Chloromethane	ND	0.130	0.50	1	07/09/2016 12:31
2-Chlorotoluene	ND	0.0700	0.50	1	07/09/2016 12:31
4-Chlorotoluene	ND	0.0700	0.50	1	07/09/2016 12:31
Dibromochloromethane	ND	0.0800	0.50	1	07/09/2016 12:31
1,2-Dibromo-3-chloropropane	ND	0.120	0.20	1	07/09/2016 12:31
1,2-Dibromoethane (EDB)	ND	0.120	0.50	1	07/09/2016 12:31
Dibromomethane	ND	0.0800	0.50	1	07/09/2016 12:31
1,2-Dichlorobenzene	ND	0.0800	0.50	1	07/09/2016 12:31
1,3-Dichlorobenzene	ND	0.0710	0.50	1	07/09/2016 12:31
1,4-Dichlorobenzene	ND	0.0720	0.50	1	07/09/2016 12:31
Dichlorodifluoromethane	ND	0.0630	0.50	1	07/09/2016 12:31
1,1-Dichloroethane	ND	0.0600	0.50	1	07/09/2016 12:31
1,2-Dichloroethane (1,2-DCA)	ND	0.0900	0.50	1	07/09/2016 12:31
1,1-Dichloroethene	ND	0.0860	0.50	1	07/09/2016 12:31
cis-1,2-Dichloroethene	ND	0.0500	0.50	1	07/09/2016 12:31
trans-1,2-Dichloroethene	ND	0.0600	0.50	1	07/09/2016 12:31
1,2-Dichloropropane	ND	0.0550	0.50	1	07/09/2016 12:31
1,3-Dichloropropane	ND	0.100	0.50	1	07/09/2016 12:31
2,2-Dichloropropane	ND	0.100	0.50	1	07/09/2016 12:31

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	1607345-005B	Water	07/07/2016 10:59	GC18	123512

Analytes	Result	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0600	0.50	1	07/09/2016 12:31
cis-1,3-Dichloropropene	ND	0.0900	0.50	1	07/09/2016 12:31
trans-1,3-Dichloropropene	ND	0.0700	0.50	1	07/09/2016 12:31
Diisopropyl ether (DIPE)	ND	0.0700	0.50	1	07/09/2016 12:31
Ethylbenzene	ND	0.0500	0.50	1	07/09/2016 12:31
Ethyl tert-butyl ether (ETBE)	ND	0.0700	0.50	1	07/09/2016 12:31
Freon 113	ND	0.0660	0.50	1	07/09/2016 12:31
Hexachlorobutadiene	ND	0.0850	0.50	1	07/09/2016 12:31
Hexachloroethane	ND	0.0600	0.50	1	07/09/2016 12:31
2-Hexanone	ND	0.440	0.50	1	07/09/2016 12:31
Isopropylbenzene	ND	0.0700	0.50	1	07/09/2016 12:31
4-Isopropyl toluene	ND	0.0500	0.50	1	07/09/2016 12:31
Methyl-t-butyl ether (MTBE)	ND	0.100	0.50	1	07/09/2016 12:31
Methylene chloride	ND	0.0520	0.50	1	07/09/2016 12:31
4-Methyl-2-pentanone (MIBK)	ND	0.240	0.50	1	07/09/2016 12:31
Naphthalene	ND	0.160	0.50	1	07/09/2016 12:31
n-Propyl benzene	ND	0.0600	0.50	1	07/09/2016 12:31
Styrene	ND	0.0600	0.50	1	07/09/2016 12:31
1,1,1,2-Tetrachloroethane	ND	0.0700	0.50	1	07/09/2016 12:31
1,1,2,2-Tetrachloroethane	ND	0.110	0.50	1	07/09/2016 12:31
Tetrachloroethene	ND	0.0820	0.50	1	07/09/2016 12:31
Toluene	ND	0.0400	0.50	1	07/09/2016 12:31
1,2,3-Trichlorobenzene	ND	0.110	0.50	1	07/09/2016 12:31
1,2,4-Trichlorobenzene	ND	0.0860	0.50	1	07/09/2016 12:31
1,1,1-Trichloroethane	ND	0.0500	0.50	1	07/09/2016 12:31
1,1,2-Trichloroethane	ND	0.0800	0.50	1	07/09/2016 12:31
Trichloroethene	ND	0.0600	0.50	1	07/09/2016 12:31
Trichlorofluoromethane	ND	0.0470	0.50	1	07/09/2016 12:31
1,2,3-Trichloropropane	ND	0.140	0.50	1	07/09/2016 12:31
1,2,4-Trimethylbenzene	ND	0.0650	0.50	1	07/09/2016 12:31
1,3,5-Trimethylbenzene	ND	0.0700	0.50	1	07/09/2016 12:31
Vinyl Chloride	ND	0.0700	0.50	1	07/09/2016 12:31
Xylenes, Total	ND	0.250	0.50	1	07/09/2016 12:31

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	**1607345-005B**	**Water**	**07/07/2016 10:59**	**GC18**	**123512**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
Dibromofluoromethane	124		70-130		07/09/2016 12:31
Toluene-d8	106		70-130		07/09/2016 12:31
4-BFB	96		70-130		07/09/2016 12:31

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	1607345-006B	Water	07/07/2016 11:46	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	**1.7**	JB	1.70	10	1	07/09/2016 13:10
tert-Amyl methyl ether (TAME)	ND		0.220	0.50	1	07/09/2016 13:10
Benzene	ND		0.0510	0.50	1	07/09/2016 13:10
Bromobenzene	ND		0.0600	0.50	1	07/09/2016 13:10
Bromochloromethane	ND		0.0900	0.50	1	07/09/2016 13:10
Bromodichloromethane	ND		0.200	0.50	1	07/09/2016 13:10
Bromoform	ND		0.0660	0.50	1	07/09/2016 13:10
Bromomethane	ND		0.160	0.50	1	07/09/2016 13:10
2-Butanone (MEK)	ND		0.490	2.0	1	07/09/2016 13:10
t-Butyl alcohol (TBA)	ND		0.940	2.0	1	07/09/2016 13:10
n-Butyl benzene	ND		0.0840	0.50	1	07/09/2016 13:10
sec-Butyl benzene	ND		0.0600	0.50	1	07/09/2016 13:10
tert-Butyl benzene	ND		0.0500	0.50	1	07/09/2016 13:10
Carbon Disulfide	ND		0.0660	0.50	1	07/09/2016 13:10
Carbon Tetrachloride	ND		0.0690	0.50	1	07/09/2016 13:10
Chlorobenzene	ND		0.0500	0.50	1	07/09/2016 13:10
Chloroethane	ND		0.310	0.50	1	07/09/2016 13:10
Chloroform	ND		0.0640	0.50	1	07/09/2016 13:10
Chloromethane	ND		0.130	0.50	1	07/09/2016 13:10
2-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 13:10
4-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 13:10
Dibromochloromethane	ND		0.0800	0.50	1	07/09/2016 13:10
1,2-Dibromo-3-chloropropane	ND		0.120	0.20	1	07/09/2016 13:10
1,2-Dibromoethane (EDB)	ND		0.120	0.50	1	07/09/2016 13:10
Dibromomethane	ND		0.0800	0.50	1	07/09/2016 13:10
1,2-Dichlorobenzene	ND		0.0800	0.50	1	07/09/2016 13:10
1,3-Dichlorobenzene	ND		0.0710	0.50	1	07/09/2016 13:10
1,4-Dichlorobenzene	ND		0.0720	0.50	1	07/09/2016 13:10
Dichlorodifluoromethane	ND		0.0630	0.50	1	07/09/2016 13:10
1,1-Dichloroethane	ND		0.0600	0.50	1	07/09/2016 13:10
1,2-Dichloroethane (1,2-DCA)	ND		0.0900	0.50	1	07/09/2016 13:10
1,1-Dichloroethene	ND		0.0860	0.50	1	07/09/2016 13:10
cis-1,2-Dichloroethene	ND		0.0500	0.50	1	07/09/2016 13:10
trans-1,2-Dichloroethene	ND		0.0600	0.50	1	07/09/2016 13:10
1,2-Dichloropropane	ND		0.0550	0.50	1	07/09/2016 13:10
1,3-Dichloropropane	ND		0.100	0.50	1	07/09/2016 13:10
2,2-Dichloropropane	ND		0.100	0.50	1	07/09/2016 13:10

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	1607345-006B	Water	07/07/2016 11:46	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0600	0.50	1	07/09/2016 13:10
cis-1,3-Dichloropropene	ND		0.0900	0.50	1	07/09/2016 13:10
trans-1,3-Dichloropropene	ND		0.0700	0.50	1	07/09/2016 13:10
Diisopropyl ether (DIPE)	ND		0.0700	0.50	1	07/09/2016 13:10
Ethylbenzene	ND		0.0500	0.50	1	07/09/2016 13:10
Ethyl tert-butyl ether (ETBE)	ND		0.0700	0.50	1	07/09/2016 13:10
Freon 113	ND		0.0660	0.50	1	07/09/2016 13:10
Hexachlorobutadiene	ND		0.0850	0.50	1	07/09/2016 13:10
Hexachloroethane	ND		0.0600	0.50	1	07/09/2016 13:10
2-Hexanone	ND		0.440	0.50	1	07/09/2016 13:10
Isopropylbenzene	ND		0.0700	0.50	1	07/09/2016 13:10
4-Isopropyl toluene	ND		0.0500	0.50	1	07/09/2016 13:10
Methyl-t-butyl ether (MTBE)	ND		0.100	0.50	1	07/09/2016 13:10
Methylene chloride	ND		0.0520	0.50	1	07/09/2016 13:10
4-Methyl-2-pentanone (MIBK)	ND		0.240	0.50	1	07/09/2016 13:10
Naphthalene	ND		0.160	0.50	1	07/09/2016 13:10
n-Propyl benzene	ND		0.0600	0.50	1	07/09/2016 13:10
Styrene	ND		0.0600	0.50	1	07/09/2016 13:10
1,1,1,2-Tetrachloroethane	ND		0.0700	0.50	1	07/09/2016 13:10
1,1,2,2-Tetrachloroethane	ND		0.110	0.50	1	07/09/2016 13:10
Tetrachloroethene	ND		0.0820	0.50	1	07/09/2016 13:10
Toluene	ND		0.0400	0.50	1	07/09/2016 13:10
1,2,3-Trichlorobenzene	ND		0.110	0.50	1	07/09/2016 13:10
1,2,4-Trichlorobenzene	ND		0.0860	0.50	1	07/09/2016 13:10
1,1,1-Trichloroethane	ND		0.0500	0.50	1	07/09/2016 13:10
1,1,2-Trichloroethane	ND		0.0800	0.50	1	07/09/2016 13:10
Trichloroethene	ND		0.0600	0.50	1	07/09/2016 13:10
Trichlorofluoromethane	ND		0.0470	0.50	1	07/09/2016 13:10
1,2,3-Trichloropropane	ND		0.140	0.50	1	07/09/2016 13:10
1,2,4-Trimethylbenzene	ND		0.0650	0.50	1	07/09/2016 13:10
1,3,5-Trimethylbenzene	ND		0.0700	0.50	1	07/09/2016 13:10
Vinyl Chloride	ND		0.0700	0.50	1	07/09/2016 13:10
Xylenes, Total	ND		0.250	0.50	1	07/09/2016 13:10

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	**1607345-006B**	**Water**	**07/07/2016 11:46**	**GC18**	**123512**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
Dibromofluoromethane	124			70-130		07/09/2016 13:10
Toluene-d8	107			70-130		07/09/2016 13:10
4-BFB	95			70-130		07/09/2016 13:10

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	1607345-007B	Water	07/07/2016 12:22	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	**3.0**	JB	1.70	10	1	07/09/2016 13:50
tert-Amyl methyl ether (TAME)	ND		0.220	0.50	1	07/09/2016 13:50
Benzene	ND		0.0510	0.50	1	07/09/2016 13:50
Bromobenzene	ND		0.0600	0.50	1	07/09/2016 13:50
Bromochloromethane	ND		0.0900	0.50	1	07/09/2016 13:50
Bromodichloromethane	ND		0.200	0.50	1	07/09/2016 13:50
Bromoform	ND		0.0660	0.50	1	07/09/2016 13:50
Bromomethane	ND		0.160	0.50	1	07/09/2016 13:50
2-Butanone (MEK)	ND		0.490	2.0	1	07/09/2016 13:50
t-Butyl alcohol (TBA)	ND		0.940	2.0	1	07/09/2016 13:50
n-Butyl benzene	ND		0.0840	0.50	1	07/09/2016 13:50
sec-Butyl benzene	**0.27**	J	0.0600	0.50	1	07/09/2016 13:50
tert-Butyl benzene	ND		0.0500	0.50	1	07/09/2016 13:50
Carbon Disulfide	ND		0.0660	0.50	1	07/09/2016 13:50
Carbon Tetrachloride	ND		0.0690	0.50	1	07/09/2016 13:50
Chlorobenzene	ND		0.0500	0.50	1	07/09/2016 13:50
Chloroethane	ND		0.310	0.50	1	07/09/2016 13:50
Chloroform	**0.26**	J	0.0640	0.50	1	07/09/2016 13:50
Chloromethane	ND		0.130	0.50	1	07/09/2016 13:50
2-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 13:50
4-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 13:50
Dibromochloromethane	ND		0.0800	0.50	1	07/09/2016 13:50
1,2-Dibromo-3-chloropropane	ND		0.120	0.20	1	07/09/2016 13:50
1,2-Dibromoethane (EDB)	ND		0.120	0.50	1	07/09/2016 13:50
Dibromomethane	ND		0.0800	0.50	1	07/09/2016 13:50
1,2-Dichlorobenzene	ND		0.0800	0.50	1	07/09/2016 13:50
1,3-Dichlorobenzene	ND		0.0710	0.50	1	07/09/2016 13:50
1,4-Dichlorobenzene	ND		0.0720	0.50	1	07/09/2016 13:50
Dichlorodifluoromethane	ND		0.0630	0.50	1	07/09/2016 13:50
1,1-Dichloroethane	ND		0.0600	0.50	1	07/09/2016 13:50
1,2-Dichloroethane (1,2-DCA)	ND		0.0900	0.50	1	07/09/2016 13:50
1,1-Dichloroethene	ND		0.0860	0.50	1	07/09/2016 13:50
cis-1,2-Dichloroethene	ND		0.0500	0.50	1	07/09/2016 13:50
trans-1,2-Dichloroethene	ND		0.0600	0.50	1	07/09/2016 13:50
1,2-Dichloropropane	ND		0.0550	0.50	1	07/09/2016 13:50
1,3-Dichloropropane	ND		0.100	0.50	1	07/09/2016 13:50
2,2-Dichloropropane	ND		0.100	0.50	1	07/09/2016 13:50

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	1607345-007B	Water	07/07/2016 12:22	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0600	0.50	1	07/09/2016 13:50
cis-1,3-Dichloropropene	ND		0.0900	0.50	1	07/09/2016 13:50
trans-1,3-Dichloropropene	ND		0.0700	0.50	1	07/09/2016 13:50
Diisopropyl ether (DIPE)	ND		0.0700	0.50	1	07/09/2016 13:50
Ethylbenzene	ND		0.0500	0.50	1	07/09/2016 13:50
Ethyl tert-butyl ether (ETBE)	ND		0.0700	0.50	1	07/09/2016 13:50
Freon 113	ND		0.0660	0.50	1	07/09/2016 13:50
Hexachlorobutadiene	ND		0.0850	0.50	1	07/09/2016 13:50
Hexachloroethane	ND		0.0600	0.50	1	07/09/2016 13:50
2-Hexanone	ND		0.440	0.50	1	07/09/2016 13:50
Isopropylbenzene	ND		0.0700	0.50	1	07/09/2016 13:50
4-Isopropyl toluene	**0.11**	J	0.0500	0.50	1	07/09/2016 13:50
Methyl-t-butyl ether (MTBE)	ND		0.100	0.50	1	07/09/2016 13:50
Methylene chloride	ND		0.0520	0.50	1	07/09/2016 13:50
4-Methyl-2-pentanone (MIBK)	ND		0.240	0.50	1	07/09/2016 13:50
Naphthalene	ND		0.160	0.50	1	07/09/2016 13:50
n-Propyl benzene	ND		0.0600	0.50	1	07/09/2016 13:50
Styrene	ND		0.0600	0.50	1	07/09/2016 13:50
1,1,1,2-Tetrachloroethane	ND		0.0700	0.50	1	07/09/2016 13:50
1,1,2,2-Tetrachloroethane	ND		0.110	0.50	1	07/09/2016 13:50
Tetrachloroethene	ND		0.0820	0.50	1	07/09/2016 13:50
Toluene	**0.12**	J	0.0400	0.50	1	07/09/2016 13:50
1,2,3-Trichlorobenzene	ND		0.110	0.50	1	07/09/2016 13:50
1,2,4-Trichlorobenzene	ND		0.0860	0.50	1	07/09/2016 13:50
1,1,1-Trichloroethane	ND		0.0500	0.50	1	07/09/2016 13:50
1,1,2-Trichloroethane	ND		0.0800	0.50	1	07/09/2016 13:50
Trichloroethene	ND		0.0600	0.50	1	07/09/2016 13:50
Trichlorofluoromethane	ND		0.0470	0.50	1	07/09/2016 13:50
1,2,3-Trichloropropane	ND		0.140	0.50	1	07/09/2016 13:50
1,2,4-Trimethylbenzene	ND		0.0650	0.50	1	07/09/2016 13:50
1,3,5-Trimethylbenzene	ND		0.0700	0.50	1	07/09/2016 13:50
Vinyl Chloride	ND		0.0700	0.50	1	07/09/2016 13:50
Xylenes, Total	ND		0.250	0.50	1	07/09/2016 13:50

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	**1607345-007B**	**Water**	**07/07/2016 12:22**	**GC18**	**123512**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
Dibromofluoromethane	124			70-130		07/09/2016 13:50
Toluene-d8	107			70-130		07/09/2016 13:50
4-BFB	94			70-130		07/09/2016 13:50

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	1607345-008B	Water	07/07/2016 12:58	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	**2.2**	JB	1.70	10	1	07/09/2016 14:29
tert-Amyl methyl ether (TAME)	ND		0.220	0.50	1	07/09/2016 14:29
Benzene	ND		0.0510	0.50	1	07/09/2016 14:29
Bromobenzene	ND		0.0600	0.50	1	07/09/2016 14:29
Bromochloromethane	ND		0.0900	0.50	1	07/09/2016 14:29
Bromodichloromethane	ND		0.200	0.50	1	07/09/2016 14:29
Bromoform	ND		0.0660	0.50	1	07/09/2016 14:29
Bromomethane	ND		0.160	0.50	1	07/09/2016 14:29
2-Butanone (MEK)	ND		0.490	2.0	1	07/09/2016 14:29
t-Butyl alcohol (TBA)	ND		0.940	2.0	1	07/09/2016 14:29
n-Butyl benzene	ND		0.0840	0.50	1	07/09/2016 14:29
sec-Butyl benzene	ND		0.0600	0.50	1	07/09/2016 14:29
tert-Butyl benzene	ND		0.0500	0.50	1	07/09/2016 14:29
Carbon Disulfide	ND		0.0660	0.50	1	07/09/2016 14:29
Carbon Tetrachloride	ND		0.0690	0.50	1	07/09/2016 14:29
Chlorobenzene	ND		0.0500	0.50	1	07/09/2016 14:29
Chloroethane	ND		0.310	0.50	1	07/09/2016 14:29
Chloroform	ND		0.0640	0.50	1	07/09/2016 14:29
Chloromethane	ND		0.130	0.50	1	07/09/2016 14:29
2-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 14:29
4-Chlorotoluene	ND		0.0700	0.50	1	07/09/2016 14:29
Dibromochloromethane	ND		0.0800	0.50	1	07/09/2016 14:29
1,2-Dibromo-3-chloropropane	ND		0.120	0.20	1	07/09/2016 14:29
1,2-Dibromoethane (EDB)	ND		0.120	0.50	1	07/09/2016 14:29
Dibromomethane	ND		0.0800	0.50	1	07/09/2016 14:29
1,2-Dichlorobenzene	ND		0.0800	0.50	1	07/09/2016 14:29
1,3-Dichlorobenzene	ND		0.0710	0.50	1	07/09/2016 14:29
1,4-Dichlorobenzene	ND		0.0720	0.50	1	07/09/2016 14:29
Dichlorodifluoromethane	ND		0.0630	0.50	1	07/09/2016 14:29
1,1-Dichloroethane	ND		0.0600	0.50	1	07/09/2016 14:29
1,2-Dichloroethane (1,2-DCA)	ND		0.0900	0.50	1	07/09/2016 14:29
1,1-Dichloroethene	ND		0.0860	0.50	1	07/09/2016 14:29
cis-1,2-Dichloroethene	ND		0.0500	0.50	1	07/09/2016 14:29
trans-1,2-Dichloroethene	ND		0.0600	0.50	1	07/09/2016 14:29
1,2-Dichloropropane	ND		0.0550	0.50	1	07/09/2016 14:29
1,3-Dichloropropane	ND		0.100	0.50	1	07/09/2016 14:29
2,2-Dichloropropane	ND		0.100	0.50	1	07/09/2016 14:29

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	1607345-008B	Water	07/07/2016 12:58	GC18	123512

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0600	0.50	1	07/09/2016 14:29
cis-1,3-Dichloropropene	ND		0.0900	0.50	1	07/09/2016 14:29
trans-1,3-Dichloropropene	ND		0.0700	0.50	1	07/09/2016 14:29
Diisopropyl ether (DIPE)	ND		0.0700	0.50	1	07/09/2016 14:29
Ethylbenzene	ND		0.0500	0.50	1	07/09/2016 14:29
Ethyl tert-butyl ether (ETBE)	ND		0.0700	0.50	1	07/09/2016 14:29
Freon 113	ND		0.0660	0.50	1	07/09/2016 14:29
Hexachlorobutadiene	ND		0.0850	0.50	1	07/09/2016 14:29
Hexachloroethane	ND		0.0600	0.50	1	07/09/2016 14:29
2-Hexanone	ND		0.440	0.50	1	07/09/2016 14:29
Isopropylbenzene	ND		0.0700	0.50	1	07/09/2016 14:29
4-Isopropyl toluene	ND		0.0500	0.50	1	07/09/2016 14:29
Methyl-t-butyl ether (MTBE)	ND		0.100	0.50	1	07/09/2016 14:29
Methylene chloride	ND		0.0520	0.50	1	07/09/2016 14:29
4-Methyl-2-pentanone (MIBK)	ND		0.240	0.50	1	07/09/2016 14:29
Naphthalene	ND		0.160	0.50	1	07/09/2016 14:29
n-Propyl benzene	ND		0.0600	0.50	1	07/09/2016 14:29
Styrene	ND		0.0600	0.50	1	07/09/2016 14:29
1,1,1,2-Tetrachloroethane	ND		0.0700	0.50	1	07/09/2016 14:29
1,1,2,2-Tetrachloroethane	ND		0.110	0.50	1	07/09/2016 14:29
Tetrachloroethene	ND		0.0820	0.50	1	07/09/2016 14:29
Toluene	**0.080**	J	0.0400	0.50	1	07/09/2016 14:29
1,2,3-Trichlorobenzene	ND		0.110	0.50	1	07/09/2016 14:29
1,2,4-Trichlorobenzene	ND		0.0860	0.50	1	07/09/2016 14:29
1,1,1-Trichloroethane	ND		0.0500	0.50	1	07/09/2016 14:29
1,1,2-Trichloroethane	ND		0.0800	0.50	1	07/09/2016 14:29
Trichloroethene	ND		0.0600	0.50	1	07/09/2016 14:29
Trichlorofluoromethane	ND		0.0470	0.50	1	07/09/2016 14:29
1,2,3-Trichloropropane	ND		0.140	0.50	1	07/09/2016 14:29
1,2,4-Trimethylbenzene	ND		0.0650	0.50	1	07/09/2016 14:29
1,3,5-Trimethylbenzene	ND		0.0700	0.50	1	07/09/2016 14:29
Vinyl Chloride	ND		0.0700	0.50	1	07/09/2016 14:29
Xylenes, Total	ND		0.250	0.50	1	07/09/2016 14:29

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/9/16	**Analytical Method:**	SW8260B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	**1607345-008B**	**Water**	**07/07/2016 12:58**	**GC18**	**123512**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
Dibromofluoromethane	122			70-130		07/09/2016 14:29
Toluene-d8	107			70-130		07/09/2016 14:29
4-BFB	97			70-130		07/09/2016 14:29

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 3.5-4	1607345-017A	Soil	07/07/2016 10:33	GC17	123564

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.0026	0.010	1	07/12/2016 21:36
Acenaphthylene	ND		0.0034	0.010	1	07/12/2016 21:36
Anthracene	ND		0.0029	0.010	1	07/12/2016 21:36
Benzo (a) anthracene	**0.038**		0.0017	0.010	1	07/12/2016 21:36
Benzo (a) pyrene	**0.015**		0.0027	0.010	1	07/12/2016 21:36
Benzo (b) fluoranthene	**0.025**		0.0015	0.010	1	07/12/2016 21:36
Benzo (g,h,i) perylene	**0.0078**	J	0.0033	0.010	1	07/12/2016 21:36
Benzo (k) fluoranthene	**0.0076**	JB	0.0016	0.010	1	07/12/2016 21:36
Chrysene	**0.034**		0.0024	0.010	1	07/12/2016 21:36
Dibenzo (a,h) anthracene	ND		0.0050	0.010	1	07/12/2016 21:36
Fluoranthene	**0.029**		0.0040	0.010	1	07/12/2016 21:36
Fluorene	ND		0.0060	0.010	1	07/12/2016 21:36
Indeno (1,2,3-cd) pyrene	**0.0081**	J	0.0049	0.010	1	07/12/2016 21:36
1-Methylnaphthalene	ND		0.0029	0.010	1	07/12/2016 21:36
2-Methylnaphthalene	ND		0.0020	0.010	1	07/12/2016 21:36
Naphthalene	ND		0.0016	0.010	1	07/12/2016 21:36
Phenanthrene	**0.0096**	J	0.0035	0.010	1	07/12/2016 21:36
Pyrene	**0.047**		0.0045	0.010	1	07/12/2016 21:36

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	70	30-130	07/12/2016 21:36
2-Fluorobiphenyl	71	30-130	07/12/2016 21:36

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4.5-5	1607345-018A	Soil	07/07/2016 10:37	GC17	123564

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.0026	0.010	1	07/12/2016 18:15
Acenaphthylene	ND		0.0034	0.010	1	07/12/2016 18:15
Anthracene	ND		0.0029	0.010	1	07/12/2016 18:15
Benzo (a) anthracene	**0.018**		0.0017	0.010	1	07/12/2016 18:15
Benzo (a) pyrene	**0.0087**	J	0.0027	0.010	1	07/12/2016 18:15
Benzo (b) fluoranthene	**0.014**		0.0015	0.010	1	07/12/2016 18:15
Benzo (g,h,i) perylene	**0.0059**	J	0.0033	0.010	1	07/12/2016 18:15
Benzo (k) fluoranthene	**0.0052**	JB	0.0016	0.010	1	07/12/2016 18:15
Chrysene	**0.013**		0.0024	0.010	1	07/12/2016 18:15
Dibenzo (a,h) anthracene	ND		0.0050	0.010	1	07/12/2016 18:15
Fluoranthene	**0.021**		0.0040	0.010	1	07/12/2016 18:15
Fluorene	ND		0.0060	0.010	1	07/12/2016 18:15
Indeno (1,2,3-cd) pyrene	**0.0074**	J	0.0049	0.010	1	07/12/2016 18:15
1-Methylnaphthalene	ND		0.0029	0.010	1	07/12/2016 18:15
2-Methylnaphthalene	ND		0.0020	0.010	1	07/12/2016 18:15
Naphthalene	ND		0.0016	0.010	1	07/12/2016 18:15
Phenanthrene	**0.014**		0.0035	0.010	1	07/12/2016 18:15
Pyrene	**0.027**		0.0045	0.010	1	07/12/2016 18:15

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	70	30-130	07/12/2016 18:15
2-Fluorobiphenyl	72	30-130	07/12/2016 18:15

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 3.5-4	1607345-019A	Soil	07/07/2016 11:09	GC17	123564

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	0.010	1	07/12/2016 18:44
Acenaphthylene	ND	0.0034	0.010	1	07/12/2016 18:44
Anthracene	ND	0.0029	0.010	1	07/12/2016 18:44
Benzo (a) anthracene	ND	0.0017	0.010	1	07/12/2016 18:44
Benzo (a) pyrene	ND	0.0027	0.010	1	07/12/2016 18:44
Benzo (b) fluoranthene	ND	0.0015	0.010	1	07/12/2016 18:44
Benzo (g,h,i) perylene	ND	0.0033	0.010	1	07/12/2016 18:44
Benzo (k) fluoranthene	ND	0.0016	0.010	1	07/12/2016 18:44
Chrysene	ND	0.0024	0.010	1	07/12/2016 18:44
Dibenzo (a,h) anthracene	ND	0.0050	0.010	1	07/12/2016 18:44
Fluoranthene	ND	0.0040	0.010	1	07/12/2016 18:44
Fluorene	ND	0.0060	0.010	1	07/12/2016 18:44
Indeno (1,2,3-cd) pyrene	ND	0.0049	0.010	1	07/12/2016 18:44
1-Methylnaphthalene	ND	0.0029	0.010	1	07/12/2016 18:44
2-Methylnaphthalene	ND	0.0020	0.010	1	07/12/2016 18:44
Naphthalene	ND	0.0016	0.010	1	07/12/2016 18:44
Phenanthrene	ND	0.0035	0.010	1	07/12/2016 18:44
Pyrene	ND	0.0045	0.010	1	07/12/2016 18:44

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	69	30-130	07/12/2016 18:44
2-Fluorobiphenyl	71	30-130	07/12/2016 18:44

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 5.5-6	1607345-020A	Soil	07/07/2016 11:13	GC17	123564

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	0.010	1	07/12/2016 19:13
Acenaphthylene	ND	0.0034	0.010	1	07/12/2016 19:13
Anthracene	ND	0.0029	0.010	1	07/12/2016 19:13
Benzo (a) anthracene	ND	0.0017	0.010	1	07/12/2016 19:13
Benzo (a) pyrene	ND	0.0027	0.010	1	07/12/2016 19:13
Benzo (b) fluoranthene	ND	0.0015	0.010	1	07/12/2016 19:13
Benzo (g,h,i) perylene	ND	0.0033	0.010	1	07/12/2016 19:13
Benzo (k) fluoranthene	ND	0.0016	0.010	1	07/12/2016 19:13
Chrysene	ND	0.0024	0.010	1	07/12/2016 19:13
Dibenzo (a,h) anthracene	ND	0.0050	0.010	1	07/12/2016 19:13
Fluoranthene	ND	0.0040	0.010	1	07/12/2016 19:13
Fluorene	ND	0.0060	0.010	1	07/12/2016 19:13
Indeno (1,2,3-cd) pyrene	ND	0.0049	0.010	1	07/12/2016 19:13
1-Methylnaphthalene	ND	0.0029	0.010	1	07/12/2016 19:13
2-Methylnaphthalene	ND	0.0020	0.010	1	07/12/2016 19:13
Naphthalene	ND	0.0016	0.010	1	07/12/2016 19:13
Phenanthrene	ND	0.0035	0.010	1	07/12/2016 19:13
Pyrene	ND	0.0045	0.010	1	07/12/2016 19:13

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	71	30-130	07/12/2016 19:13
2-Fluorobiphenyl	73	30-130	07/12/2016 19:13

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 2.5-3	1607345-021A	Soil	07/07/2016 11:57	GC17	123564

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	0.010	1	07/12/2016 19:42
Acenaphthylene	ND	0.0034	0.010	1	07/12/2016 19:42
Anthracene	ND	0.0029	0.010	1	07/12/2016 19:42
Benzo (a) anthracene	ND	0.0017	0.010	1	07/12/2016 19:42
Benzo (a) pyrene	ND	0.0027	0.010	1	07/12/2016 19:42
Benzo (b) fluoranthene	ND	0.0015	0.010	1	07/12/2016 19:42
Benzo (g,h,i) perylene	ND	0.0033	0.010	1	07/12/2016 19:42
Benzo (k) fluoranthene	ND	0.0016	0.010	1	07/12/2016 19:42
Chrysene	ND	0.0024	0.010	1	07/12/2016 19:42
Dibenzo (a,h) anthracene	ND	0.0050	0.010	1	07/12/2016 19:42
Fluoranthene	ND	0.0040	0.010	1	07/12/2016 19:42
Fluorene	ND	0.0060	0.010	1	07/12/2016 19:42
Indeno (1,2,3-cd) pyrene	ND	0.0049	0.010	1	07/12/2016 19:42
1-Methylnaphthalene	ND	0.0029	0.010	1	07/12/2016 19:42
2-Methylnaphthalene	ND	0.0020	0.010	1	07/12/2016 19:42
Naphthalene	ND	0.0016	0.010	1	07/12/2016 19:42
Phenanthrene	ND	0.0035	0.010	1	07/12/2016 19:42
Pyrene	ND	0.0045	0.010	1	07/12/2016 19:42

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	66	30-130	07/12/2016 19:42
2-Fluorobiphenyl	67	30-130	07/12/2016 19:42

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5-5.5	1607345-022A	Soil	07/07/2016 12:02	GC17	123564

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	0.010	1	07/12/2016 20:11
Acenaphthylene	ND	0.0034	0.010	1	07/12/2016 20:11
Anthracene	ND	0.0029	0.010	1	07/12/2016 20:11
Benzo (a) anthracene	ND	0.0017	0.010	1	07/12/2016 20:11
Benzo (a) pyrene	ND	0.0027	0.010	1	07/12/2016 20:11
Benzo (b) fluoranthene	ND	0.0015	0.010	1	07/12/2016 20:11
Benzo (g,h,i) perylene	ND	0.0033	0.010	1	07/12/2016 20:11
Benzo (k) fluoranthene	ND	0.0016	0.010	1	07/12/2016 20:11
Chrysene	ND	0.0024	0.010	1	07/12/2016 20:11
Dibenzo (a,h) anthracene	ND	0.0050	0.010	1	07/12/2016 20:11
Fluoranthene	ND	0.0040	0.010	1	07/12/2016 20:11
Fluorene	ND	0.0060	0.010	1	07/12/2016 20:11
Indeno (1,2,3-cd) pyrene	ND	0.0049	0.010	1	07/12/2016 20:11
1-Methylnaphthalene	ND	0.0029	0.010	1	07/12/2016 20:11
2-Methylnaphthalene	ND	0.0020	0.010	1	07/12/2016 20:11
Naphthalene	ND	0.0016	0.010	1	07/12/2016 20:11
Phenanthrene	ND	0.0035	0.010	1	07/12/2016 20:11
Pyrene	ND	0.0045	0.010	1	07/12/2016 20:11

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	69	30-130	07/12/2016 20:11
2-Fluorobiphenyl	71	30-130	07/12/2016 20:11

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 2.5-3	1607345-023A	Soil	07/07/2016 12:28	GC17	123564

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	**0.019**		0.0026	0.010	1	07/12/2016 20:40
Acenaphthylene	ND		0.0034	0.010	1	07/12/2016 20:40
Anthracene	**0.058**		0.0029	0.010	1	07/12/2016 20:40
Benzo (a) anthracene	**0.097**		0.0017	0.010	1	07/12/2016 20:40
Benzo (a) pyrene	**0.075**		0.0027	0.010	1	07/12/2016 20:40
Benzo (b) fluoranthene	**0.087**		0.0015	0.010	1	07/12/2016 20:40
Benzo (g,h,i) perylene	**0.029**		0.0033	0.010	1	07/12/2016 20:40
Benzo (k) fluoranthene	**0.035**		0.0016	0.010	1	07/12/2016 20:40
Chrysene	**0.075**		0.0024	0.010	1	07/12/2016 20:40
Dibenzo (a,h) anthracene	**0.0066**	JB	0.0050	0.010	1	07/12/2016 20:40
Fluoranthene	**0.21**		0.0040	0.010	1	07/12/2016 20:40
Fluorene	**0.029**		0.0060	0.010	1	07/12/2016 20:40
Indeno (1,2,3-cd) pyrene	**0.033**		0.0049	0.010	1	07/12/2016 20:40
1-Methylnaphthalene	**0.0050**	J	0.0029	0.010	1	07/12/2016 20:40
2-Methylnaphthalene	**0.0074**	J	0.0020	0.010	1	07/12/2016 20:40
Naphthalene	**0.016**		0.0016	0.010	1	07/12/2016 20:40
Phenanthrene	**0.25**		0.0035	0.010	1	07/12/2016 20:40
Pyrene	**0.17**		0.0045	0.010	1	07/12/2016 20:40

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	67	30-130	07/12/2016 20:40
2-Fluorobiphenyl	69	30-130	07/12/2016 20:40

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 5.5-6	1607345-024A	Soil	07/07/2016 12:34	GC17	123564

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	0.010	1	07/12/2016 21:08
Acenaphthylene	ND	0.0034	0.010	1	07/12/2016 21:08
Anthracene	ND	0.0029	0.010	1	07/12/2016 21:08
Benzo (a) anthracene	ND	0.0017	0.010	1	07/12/2016 21:08
Benzo (a) pyrene	ND	0.0027	0.010	1	07/12/2016 21:08
Benzo (b) fluoranthene	ND	0.0015	0.010	1	07/12/2016 21:08
Benzo (g,h,i) perylene	ND	0.0033	0.010	1	07/12/2016 21:08
Benzo (k) fluoranthene	ND	0.0016	0.010	1	07/12/2016 21:08
Chrysene	ND	0.0024	0.010	1	07/12/2016 21:08
Dibenzo (a,h) anthracene	ND	0.0050	0.010	1	07/12/2016 21:08
Fluoranthene	ND	0.0040	0.010	1	07/12/2016 21:08
Fluorene	ND	0.0060	0.010	1	07/12/2016 21:08
Indeno (1,2,3-cd) pyrene	ND	0.0049	0.010	1	07/12/2016 21:08
1-Methylnaphthalene	ND	0.0029	0.010	1	07/12/2016 21:08
2-Methylnaphthalene	ND	0.0020	0.010	1	07/12/2016 21:08
Naphthalene	ND	0.0016	0.010	1	07/12/2016 21:08
Phenanthrene	ND	0.0035	0.010	1	07/12/2016 21:08
Pyrene	ND	0.0045	0.010	1	07/12/2016 21:08

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	69	30-130	07/12/2016 21:08
2-Fluorobiphenyl	72	30-130	07/12/2016 21:08

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C
Date Prepared:	7/13/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	1607345-005D	Water	07/07/2016 10:59	GC35	123681

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.26	0.50	1	07/14/2016 18:44
Acenaphthylene	ND		0.23	0.50	1	07/14/2016 18:44
Anthracene	ND		0.24	0.50	1	07/14/2016 18:44
Benzo (a) anthracene	ND		0.23	0.50	1	07/14/2016 18:44
Benzo (a) pyrene	ND		0.20	0.50	1	07/14/2016 18:44
Benzo (b) fluoranthene	ND		0.19	0.50	1	07/14/2016 18:44
Benzo (g,h,i) perylene	ND		0.24	0.50	1	07/14/2016 18:44
Benzo (k) fluoranthene	**0.60**		0.21	0.50	1	07/14/2016 18:44
Chrysene	ND		0.26	0.50	1	07/14/2016 18:44
Dibenzo (a,h) anthracene	ND		0.17	0.50	1	07/14/2016 18:44
Fluoranthene	ND		0.23	0.50	1	07/14/2016 18:44
Fluorene	ND		0.25	0.50	1	07/14/2016 18:44
Indeno (1,2,3-cd) pyrene	ND		0.18	0.50	1	07/14/2016 18:44
1-Methylnaphthalene	ND		0.26	0.50	1	07/14/2016 18:44
2-Methylnaphthalene	ND		0.26	0.50	1	07/14/2016 18:44
Naphthalene	ND		0.26	0.50	1	07/14/2016 18:44
Phenanthrene	ND		0.27	0.50	1	07/14/2016 18:44
Pyrene	**0.23**	J	0.22	0.50	1	07/14/2016 18:44

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	77	30-130	07/14/2016 18:44
2-Fluorobiphenyl	68	30-130	07/14/2016 18:44

Analyst(s): REB Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C
Date Prepared:	7/13/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	1607345-006D	Water	07/07/2016 11:46	GC35	123681

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.26	0.50	1	07/14/2016 19:10
Acenaphthylene	ND	0.23	0.50	1	07/14/2016 19:10
Anthracene	ND	0.24	0.50	1	07/14/2016 19:10
Benzo (a) anthracene	ND	0.23	0.50	1	07/14/2016 19:10
Benzo (a) pyrene	ND	0.20	0.50	1	07/14/2016 19:10
Benzo (b) fluoranthene	ND	0.19	0.50	1	07/14/2016 19:10
Benzo (g,h,i) perylene	ND	0.24	0.50	1	07/14/2016 19:10
Benzo (k) fluoranthene	ND	0.21	0.50	1	07/14/2016 19:10
Chrysene	ND	0.26	0.50	1	07/14/2016 19:10
Dibenzo (a,h) anthracene	ND	0.17	0.50	1	07/14/2016 19:10
Fluoranthene	ND	0.23	0.50	1	07/14/2016 19:10
Fluorene	ND	0.25	0.50	1	07/14/2016 19:10
Indeno (1,2,3-cd) pyrene	ND	0.18	0.50	1	07/14/2016 19:10
1-Methylnaphthalene	ND	0.26	0.50	1	07/14/2016 19:10
2-Methylnaphthalene	ND	0.26	0.50	1	07/14/2016 19:10
Naphthalene	ND	0.26	0.50	1	07/14/2016 19:10
Phenanthrene	ND	0.27	0.50	1	07/14/2016 19:10
Pyrene	ND	0.22	0.50	1	07/14/2016 19:10

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	76	30-130	07/14/2016 19:10
2-Fluorobiphenyl	73	30-130	07/14/2016 19:10

Analyst(s): REB Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C
Date Prepared:	7/13/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	1607345-007D	Water	07/07/2016 12:22	GC35	123681

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.26	0.50	1	07/14/2016 19:35
Acenaphthylene	ND	0.23	0.50	1	07/14/2016 19:35
Anthracene	ND	0.24	0.50	1	07/14/2016 19:35
Benzo (a) anthracene	ND	0.23	0.50	1	07/14/2016 19:35
Benzo (a) pyrene	ND	0.20	0.50	1	07/14/2016 19:35
Benzo (b) fluoranthene	ND	0.19	0.50	1	07/14/2016 19:35
Benzo (g,h,i) perylene	ND	0.24	0.50	1	07/14/2016 19:35
Benzo (k) fluoranthene	ND	0.21	0.50	1	07/14/2016 19:35
Chrysene	ND	0.26	0.50	1	07/14/2016 19:35
Dibenzo (a,h) anthracene	ND	0.17	0.50	1	07/14/2016 19:35
Fluoranthene	ND	0.23	0.50	1	07/14/2016 19:35
Fluorene	ND	0.25	0.50	1	07/14/2016 19:35
Indeno (1,2,3-cd) pyrene	ND	0.18	0.50	1	07/14/2016 19:35
1-Methylnaphthalene	ND	0.26	0.50	1	07/14/2016 19:35
2-Methylnaphthalene	ND	0.26	0.50	1	07/14/2016 19:35
Naphthalene	ND	0.26	0.50	1	07/14/2016 19:35
Phenanthrene	ND	0.27	0.50	1	07/14/2016 19:35
Pyrene	ND	0.22	0.50	1	07/14/2016 19:35

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	74	30-130	07/14/2016 19:35
2-Fluorobiphenyl	73	30-130	07/14/2016 19:35

Analyst(s): REB Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C
Date Prepared:	7/13/16	**Analytical Method:**	SW8270C-SIM
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	1607345-008D	Water	07/07/2016 12:58	GC35	123681

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.26	0.50	1	07/14/2016 20:01
Acenaphthylene	ND	0.23	0.50	1	07/14/2016 20:01
Anthracene	ND	0.24	0.50	1	07/14/2016 20:01
Benzo (a) anthracene	ND	0.23	0.50	1	07/14/2016 20:01
Benzo (a) pyrene	ND	0.20	0.50	1	07/14/2016 20:01
Benzo (b) fluoranthene	ND	0.19	0.50	1	07/14/2016 20:01
Benzo (g,h,i) perylene	ND	0.24	0.50	1	07/14/2016 20:01
Benzo (k) fluoranthene	ND	0.21	0.50	1	07/14/2016 20:01
Chrysene	ND	0.26	0.50	1	07/14/2016 20:01
Dibenzo (a,h) anthracene	ND	0.17	0.50	1	07/14/2016 20:01
Fluoranthene	ND	0.23	0.50	1	07/14/2016 20:01
Fluorene	ND	0.25	0.50	1	07/14/2016 20:01
Indeno (1,2,3-cd) pyrene	ND	0.18	0.50	1	07/14/2016 20:01
1-Methylnaphthalene	ND	0.26	0.50	1	07/14/2016 20:01
2-Methylnaphthalene	ND	0.26	0.50	1	07/14/2016 20:01
Naphthalene	ND	0.26	0.50	1	07/14/2016 20:01
Phenanthrene	ND	0.27	0.50	1	07/14/2016 20:01
Pyrene	ND	0.22	0.50	1	07/14/2016 20:01

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	74	30-130	07/14/2016 20:01
2-Fluorobiphenyl	73	30-130	07/14/2016 20:01

Analyst(s): REB Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 3.5-4	1607345-017A	Soil	07/07/2016 10:33	GC21	123571

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.70	1.2	5	07/12/2016 21:49
Acenaphthylene	ND		0.70	1.2	5	07/12/2016 21:49
Acetochlor	ND		1.2	1.2	5	07/12/2016 21:49
Anthracene	ND		0.70	1.2	5	07/12/2016 21:49
Benzidine	ND		1.2	6.5	5	07/12/2016 21:49
Benzo (a) anthracene	ND		0.70	1.2	5	07/12/2016 21:49
Benzo (a) pyrene	ND		0.70	1.2	5	07/12/2016 21:49
Benzo (b) fluoranthene	ND		0.70	1.2	5	07/12/2016 21:49
Benzo (g,h,i) perylene	ND		0.75	1.2	5	07/12/2016 21:49
Benzo (k) fluoranthene	ND		0.80	1.2	5	07/12/2016 21:49
Benzyl Alcohol	ND		2.6	6.5	5	07/12/2016 21:49
1,1-Biphenyl	ND		0.75	1.2	5	07/12/2016 21:49
Bis (2-chloroethoxy) Methane	ND		0.70	1.2	5	07/12/2016 21:49
Bis (2-chloroethyl) Ether	ND		0.65	1.2	5	07/12/2016 21:49
Bis (2-chloroisopropyl) Ether	ND		0.60	1.2	5	07/12/2016 21:49
Bis (2-ethylhexyl) Adipate	ND		1.2	1.2	5	07/12/2016 21:49
Bis (2-ethylhexyl) Phthalate	ND		0.65	1.2	5	07/12/2016 21:49
4-Bromophenyl Phenyl Ether	ND		0.80	1.2	5	07/12/2016 21:49
Butylbenzyl Phthalate	ND		0.65	1.2	5	07/12/2016 21:49
4-Chloroaniline	ND		0.65	2.5	5	07/12/2016 21:49
4-Chloro-3-methylphenol	ND		0.60	1.2	5	07/12/2016 21:49
2-Chloronaphthalene	ND		0.80	1.2	5	07/12/2016 21:49
2-Chlorophenol	ND		0.70	1.2	5	07/12/2016 21:49
4-Chlorophenyl Phenyl Ether	ND		0.75	1.2	5	07/12/2016 21:49
Chrysene	ND		0.70	1.2	5	07/12/2016 21:49
Dibenzo (a,h) anthracene	ND		0.80	1.2	5	07/12/2016 21:49
Dibenzofuran	ND		0.65	1.2	5	07/12/2016 21:49
Di-n-butyl Phthalate	ND		0.65	1.2	5	07/12/2016 21:49
1,2-Dichlorobenzene	ND		0.60	1.2	5	07/12/2016 21:49
1,3-Dichlorobenzene	ND		0.70	1.2	5	07/12/2016 21:49
1,4-Dichlorobenzene	ND		0.65	1.2	5	07/12/2016 21:49
3,3-Dichlorobenzidine	ND		0.60	2.5	5	07/12/2016 21:49
2,4-Dichlorophenol	ND		0.65	1.2	5	07/12/2016 21:49
Diethyl Phthalate	ND		0.70	1.2	5	07/12/2016 21:49
2,4-Dimethylphenol	ND		0.65	1.2	5	07/12/2016 21:49
Dimethyl Phthalate	ND		0.70	1.2	5	07/12/2016 21:49
4,6-Dinitro-2-methylphenol	ND		0.65	6.5	5	07/12/2016 21:49

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 3.5-4	1607345-017A	Soil	07/07/2016 10:33	GC21	123571

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		6.5	32	5	07/12/2016 21:49
2,4-Dinitrotoluene	ND		0.65	1.2	5	07/12/2016 21:49
2,6-Dinitrotoluene	ND		0.70	1.2	5	07/12/2016 21:49
Di-n-octyl Phthalate	ND		0.70	2.5	5	07/12/2016 21:49
1,2-Diphenylhydrazine	ND		0.80	1.2	5	07/12/2016 21:49
Fluoranthene	ND		0.65	1.2	5	07/12/2016 21:49
Fluorene	ND		0.70	1.2	5	07/12/2016 21:49
Hexachlorobenzene	ND		0.85	1.2	5	07/12/2016 21:49
Hexachlorobutadiene	ND		0.75	1.2	5	07/12/2016 21:49
Hexachlorocyclopentadiene	ND		3.6	6.5	5	07/12/2016 21:49
Hexachloroethane	ND		0.70	1.2	5	07/12/2016 21:49
Indeno (1,2,3-cd) pyrene	ND		0.70	1.2	5	07/12/2016 21:49
Isophorone	ND		0.60	1.2	5	07/12/2016 21:49
2-Methylnaphthalene	ND		0.70	1.2	5	07/12/2016 21:49
2-Methylphenol (o-Cresol)	ND		0.70	1.2	5	07/12/2016 21:49
3 & 4-Methylphenol (m,p-Cresol)	ND		0.60	1.2	5	07/12/2016 21:49
Naphthalene	ND		0.65	1.2	5	07/12/2016 21:49
2-Nitroaniline	ND		3.1	6.5	5	07/12/2016 21:49
3-Nitroaniline	ND		3.0	6.5	5	07/12/2016 21:49
4-Nitroaniline	ND		2.8	6.5	5	07/12/2016 21:49
Nitrobenzene	ND		0.70	1.2	5	07/12/2016 21:49
2-Nitrophenol	ND		3.2	6.5	5	07/12/2016 21:49
4-Nitrophenol	ND		2.0	6.5	5	07/12/2016 21:49
N-Nitrosodiphenylamine	ND		0.80	1.2	5	07/12/2016 21:49
N-Nitrosodi-n-propylamine	ND		0.65	1.2	5	07/12/2016 21:49
Pentachlorophenol	ND		1.6	6.5	5	07/12/2016 21:49
Phenanthrene	ND		0.70	1.2	5	07/12/2016 21:49
Phenol	**0.69**	J	0.60	1.2	5	07/12/2016 21:49
Pyrene	ND		0.65	1.2	5	07/12/2016 21:49
1,2,4-Trichlorobenzene	ND		0.70	1.2	5	07/12/2016 21:49
2,4,5-Trichlorophenol	ND		0.60	1.2	5	07/12/2016 21:49
2,4,6-Trichlorophenol	ND		0.70	1.2	5	07/12/2016 21:49

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 3.5-4	**1607345-017A**	**Soil**	**07/07/2016 10:33**	**GC21**	**123571**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
2-Fluorophenol	119			30-130		07/12/2016 21:49
Phenol-d5	111			30-130		07/12/2016 21:49
Nitrobenzene-d5	96			30-130		07/12/2016 21:49
2-Fluorobiphenyl	87			30-130		07/12/2016 21:49
2,4,6-Tribromophenol	78			16-130		07/12/2016 21:49
4-Terphenyl-d14	90			30-130		07/12/2016 21:49

Analyst(s): REB Analytical Comments: a3

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4.5-5	1607345-018A	Soil	07/07/2016 10:37	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	1.1	2.0	1	07/12/2016 22:17
Acenaphthylene	ND	1.1	2.0	1	07/12/2016 22:17
Acetochlor	ND	2.0	2.0	1	07/12/2016 22:17
Anthracene	ND	1.1	2.0	1	07/12/2016 22:17
Benzidine	ND	1.8	10	1	07/12/2016 22:17
Benzo (a) anthracene	ND	1.1	2.0	1	07/12/2016 22:17
Benzo (a) pyrene	ND	1.1	2.0	1	07/12/2016 22:17
Benzo (b) fluoranthene	ND	1.1	2.0	1	07/12/2016 22:17
Benzo (g,h,i) perylene	ND	1.2	2.0	1	07/12/2016 22:17
Benzo (k) fluoranthene	ND	1.3	2.0	1	07/12/2016 22:17
Benzyl Alcohol	ND	4.1	10	1	07/12/2016 22:17
1,1-Biphenyl	ND	1.2	2.0	1	07/12/2016 22:17
Bis (2-chloroethoxy) Methane	ND	1.1	2.0	1	07/12/2016 22:17
Bis (2-chloroethyl) Ether	ND	1.0	2.0	1	07/12/2016 22:17
Bis (2-chloroisopropyl) Ether	ND	0.96	2.0	1	07/12/2016 22:17
Bis (2-ethylhexyl) Adipate	ND	2.0	2.0	1	07/12/2016 22:17
Bis (2-ethylhexyl) Phthalate	ND	1.0	2.0	1	07/12/2016 22:17
4-Bromophenyl Phenyl Ether	ND	1.3	2.0	1	07/12/2016 22:17
Butylbenzyl Phthalate	ND	1.0	2.0	1	07/12/2016 22:17
4-Chloroaniline	ND	1.0	4.0	1	07/12/2016 22:17
4-Chloro-3-methylphenol	ND	0.96	2.0	1	07/12/2016 22:17
2-Chloronaphthalene	ND	1.3	2.0	1	07/12/2016 22:17
2-Chlorophenol	ND	1.1	2.0	1	07/12/2016 22:17
4-Chlorophenyl Phenyl Ether	ND	1.2	2.0	1	07/12/2016 22:17
Chrysene	ND	1.1	2.0	1	07/12/2016 22:17
Dibenzo (a,h) anthracene	ND	1.3	2.0	1	07/12/2016 22:17
Dibenzofuran	ND	1.0	2.0	1	07/12/2016 22:17
Di-n-butyl Phthalate	ND	1.0	2.0	1	07/12/2016 22:17
1,2-Dichlorobenzene	ND	0.96	2.0	1	07/12/2016 22:17
1,3-Dichlorobenzene	ND	1.1	2.0	1	07/12/2016 22:17
1,4-Dichlorobenzene	ND	1.0	2.0	1	07/12/2016 22:17
3,3-Dichlorobenzidine	ND	0.96	4.0	1	07/12/2016 22:17
2,4-Dichlorophenol	ND	1.0	2.0	1	07/12/2016 22:17
Diethyl Phthalate	ND	1.1	2.0	1	07/12/2016 22:17
2,4-Dimethylphenol	ND	1.0	2.0	1	07/12/2016 22:17
Dimethyl Phthalate	ND	1.1	2.0	1	07/12/2016 22:17
4,6-Dinitro-2-methylphenol	ND	1.0	10	1	07/12/2016 22:17

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4.5-5	1607345-018A	Soil	07/07/2016 10:37	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	10	50	1	07/12/2016 22:17
2,4-Dinitrotoluene	ND	1.0	2.0	1	07/12/2016 22:17
2,6-Dinitrotoluene	ND	1.1	2.0	1	07/12/2016 22:17
Di-n-octyl Phthalate	ND	1.1	4.0	1	07/12/2016 22:17
1,2-Diphenylhydrazine	ND	1.3	2.0	1	07/12/2016 22:17
Fluoranthene	ND	1.0	2.0	1	07/12/2016 22:17
Fluorene	ND	1.1	2.0	1	07/12/2016 22:17
Hexachlorobenzene	ND	1.4	2.0	1	07/12/2016 22:17
Hexachlorobutadiene	ND	1.2	2.0	1	07/12/2016 22:17
Hexachlorocyclopentadiene	ND	5.8	10	1	07/12/2016 22:17
Hexachloroethane	ND	1.1	2.0	1	07/12/2016 22:17
Indeno (1,2,3-cd) pyrene	ND	1.1	2.0	1	07/12/2016 22:17
Isophorone	ND	0.96	2.0	1	07/12/2016 22:17
2-Methylnaphthalene	ND	1.1	2.0	1	07/12/2016 22:17
2-Methylphenol (o-Cresol)	ND	1.1	2.0	1	07/12/2016 22:17
3 & 4-Methylphenol (m,p-Cresol)	ND	0.96	2.0	1	07/12/2016 22:17
Naphthalene	ND	1.0	2.0	1	07/12/2016 22:17
2-Nitroaniline	ND	5.0	10	1	07/12/2016 22:17
3-Nitroaniline	ND	4.7	10	1	07/12/2016 22:17
4-Nitroaniline	ND	4.4	10	1	07/12/2016 22:17
Nitrobenzene	ND	1.1	2.0	1	07/12/2016 22:17
2-Nitrophenol	ND	5.1	10	1	07/12/2016 22:17
4-Nitrophenol	ND	3.3	10	1	07/12/2016 22:17
N-Nitrosodiphenylamine	ND	1.3	2.0	1	07/12/2016 22:17
N-Nitrosodi-n-propylamine	ND	1.0	2.0	1	07/12/2016 22:17
Pentachlorophenol	ND	2.6	10	1	07/12/2016 22:17
Phenanthrene	ND	1.1	2.0	1	07/12/2016 22:17
Phenol	ND	0.96	2.0	1	07/12/2016 22:17
Pyrene	ND	1.0	2.0	1	07/12/2016 22:17
1,2,4-Trichlorobenzene	ND	1.1	2.0	1	07/12/2016 22:17
2,4,5-Trichlorophenol	ND	0.96	2.0	1	07/12/2016 22:17
2,4,6-Trichlorophenol	ND	1.1	2.0	1	07/12/2016 22:17

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4.5-5	1607345-018A	Soil	07/07/2016 10:37	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	103		30-130		07/12/2016 22:17
Phenol-d5	90		30-130		07/12/2016 22:17
Nitrobenzene-d5	82		30-130		07/12/2016 22:17
2-Fluorobiphenyl	78		30-130		07/12/2016 22:17
2,4,6-Tribromophenol	66		16-130		07/12/2016 22:17
4-Terphenyl-d14	75		30-130		07/12/2016 22:17

Analyst(s): REB Analytical Comments: a4

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 3.5-4	1607345-019A	Soil	07/07/2016 11:09	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.14	0.25	1	07/12/2016 22:45
Acenaphthylene	ND	0.14	0.25	1	07/12/2016 22:45
Acetochlor	ND	0.25	0.25	1	07/12/2016 22:45
Anthracene	ND	0.14	0.25	1	07/12/2016 22:45
Benzidine	ND	0.23	1.3	1	07/12/2016 22:45
Benzo (a) anthracene	ND	0.14	0.25	1	07/12/2016 22:45
Benzo (a) pyrene	ND	0.14	0.25	1	07/12/2016 22:45
Benzo (b) fluoranthene	ND	0.14	0.25	1	07/12/2016 22:45
Benzo (g,h,i) perylene	ND	0.15	0.25	1	07/12/2016 22:45
Benzo (k) fluoranthene	ND	0.16	0.25	1	07/12/2016 22:45
Benzyl Alcohol	ND	0.51	1.3	1	07/12/2016 22:45
1,1-Biphenyl	ND	0.15	0.25	1	07/12/2016 22:45
Bis (2-chloroethoxy) Methane	ND	0.14	0.25	1	07/12/2016 22:45
Bis (2-chloroethyl) Ether	ND	0.13	0.25	1	07/12/2016 22:45
Bis (2-chloroisopropyl) Ether	ND	0.12	0.25	1	07/12/2016 22:45
Bis (2-ethylhexyl) Adipate	ND	0.25	0.25	1	07/12/2016 22:45
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	1	07/12/2016 22:45
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	1	07/12/2016 22:45
Butylbenzyl Phthalate	ND	0.13	0.25	1	07/12/2016 22:45
4-Chloroaniline	ND	0.13	0.50	1	07/12/2016 22:45
4-Chloro-3-methylphenol	ND	0.12	0.25	1	07/12/2016 22:45
2-Chloronaphthalene	ND	0.16	0.25	1	07/12/2016 22:45
2-Chlorophenol	ND	0.14	0.25	1	07/12/2016 22:45
4-Chlorophenyl Phenyl Ether	ND	0.15	0.25	1	07/12/2016 22:45
Chrysene	ND	0.14	0.25	1	07/12/2016 22:45
Dibenzo (a,h) anthracene	ND	0.16	0.25	1	07/12/2016 22:45
Dibenzofuran	ND	0.13	0.25	1	07/12/2016 22:45
Di-n-butyl Phthalate	ND	0.13	0.25	1	07/12/2016 22:45
1,2-Dichlorobenzene	ND	0.12	0.25	1	07/12/2016 22:45
1,3-Dichlorobenzene	ND	0.14	0.25	1	07/12/2016 22:45
1,4-Dichlorobenzene	ND	0.13	0.25	1	07/12/2016 22:45
3,3-Dichlorobenzidine	ND	0.12	0.50	1	07/12/2016 22:45
2,4-Dichlorophenol	ND	0.13	0.25	1	07/12/2016 22:45
Diethyl Phthalate	ND	0.14	0.25	1	07/12/2016 22:45
2,4-Dimethylphenol	ND	0.13	0.25	1	07/12/2016 22:45
Dimethyl Phthalate	ND	0.14	0.25	1	07/12/2016 22:45
4,6-Dinitro-2-methylphenol	ND	0.13	1.3	1	07/12/2016 22:45

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 3.5-4	1607345-019A	Soil	07/07/2016 11:09	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.3	6.3	1	07/12/2016 22:45
2,4-Dinitrotoluene	ND	0.13	0.25	1	07/12/2016 22:45
2,6-Dinitrotoluene	ND	0.14	0.25	1	07/12/2016 22:45
Di-n-octyl Phthalate	ND	0.14	0.50	1	07/12/2016 22:45
1,2-Diphenylhydrazine	ND	0.16	0.25	1	07/12/2016 22:45
Fluoranthene	ND	0.13	0.25	1	07/12/2016 22:45
Fluorene	ND	0.14	0.25	1	07/12/2016 22:45
Hexachlorobenzene	ND	0.17	0.25	1	07/12/2016 22:45
Hexachlorobutadiene	ND	0.15	0.25	1	07/12/2016 22:45
Hexachlorocyclopentadiene	ND	0.73	1.3	1	07/12/2016 22:45
Hexachloroethane	ND	0.14	0.25	1	07/12/2016 22:45
Indeno (1,2,3-cd) pyrene	ND	0.14	0.25	1	07/12/2016 22:45
Isophorone	ND	0.12	0.25	1	07/12/2016 22:45
2-Methylnaphthalene	ND	0.14	0.25	1	07/12/2016 22:45
2-Methylphenol (o-Cresol)	ND	0.14	0.25	1	07/12/2016 22:45
3 & 4-Methylphenol (m,p-Cresol)	ND	0.12	0.25	1	07/12/2016 22:45
Naphthalene	ND	0.13	0.25	1	07/12/2016 22:45
2-Nitroaniline	ND	0.62	1.3	1	07/12/2016 22:45
3-Nitroaniline	ND	0.59	1.3	1	07/12/2016 22:45
4-Nitroaniline	ND	0.55	1.3	1	07/12/2016 22:45
Nitrobenzene	ND	0.14	0.25	1	07/12/2016 22:45
2-Nitrophenol	ND	0.64	1.3	1	07/12/2016 22:45
4-Nitrophenol	ND	0.41	1.3	1	07/12/2016 22:45
N-Nitrosodiphenylamine	ND	0.16	0.25	1	07/12/2016 22:45
N-Nitrosodi-n-propylamine	ND	0.13	0.25	1	07/12/2016 22:45
Pentachlorophenol	ND	0.32	1.3	1	07/12/2016 22:45
Phenanthrene	ND	0.14	0.25	1	07/12/2016 22:45
Phenol	**1.5**	0.12	0.25	1	07/12/2016 22:45
Pyrene	ND	0.13	0.25	1	07/12/2016 22:45
1,2,4-Trichlorobenzene	ND	0.14	0.25	1	07/12/2016 22:45
2,4,5-Trichlorophenol	ND	0.12	0.25	1	07/12/2016 22:45
2,4,6-Trichlorophenol	ND	0.14	0.25	1	07/12/2016 22:45

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 3.5-4	**1607345-019A**	**Soil**	**07/07/2016 11:09**	**GC21**	**123571**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
2-Fluorophenol	108		30-130		07/12/2016 22:45
Phenol-d5	102		30-130		07/12/2016 22:45
Nitrobenzene-d5	89		30-130		07/12/2016 22:45
2-Fluorobiphenyl	82		30-130		07/12/2016 22:45
2,4,6-Tribromophenol	61		16-130		07/12/2016 22:45
4-Terphenyl-d14	91		30-130		07/12/2016 22:45

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 5.5-6	1607345-020A	Soil	07/07/2016 11:13	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.14	0.25	1	07/12/2016 23:12
Acenaphthylene	ND	0.14	0.25	1	07/12/2016 23:12
Acetochlor	ND	0.25	0.25	1	07/12/2016 23:12
Anthracene	ND	0.14	0.25	1	07/12/2016 23:12
Benzidine	ND	0.23	1.3	1	07/12/2016 23:12
Benzo (a) anthracene	ND	0.14	0.25	1	07/12/2016 23:12
Benzo (a) pyrene	ND	0.14	0.25	1	07/12/2016 23:12
Benzo (b) fluoranthene	ND	0.14	0.25	1	07/12/2016 23:12
Benzo (g,h,i) perylene	ND	0.15	0.25	1	07/12/2016 23:12
Benzo (k) fluoranthene	ND	0.16	0.25	1	07/12/2016 23:12
Benzyl Alcohol	ND	0.51	1.3	1	07/12/2016 23:12
1,1-Biphenyl	ND	0.15	0.25	1	07/12/2016 23:12
Bis (2-chloroethoxy) Methane	ND	0.14	0.25	1	07/12/2016 23:12
Bis (2-chloroethyl) Ether	ND	0.13	0.25	1	07/12/2016 23:12
Bis (2-chloroisopropyl) Ether	ND	0.12	0.25	1	07/12/2016 23:12
Bis (2-ethylhexyl) Adipate	ND	0.25	0.25	1	07/12/2016 23:12
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	1	07/12/2016 23:12
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	1	07/12/2016 23:12
Butylbenzyl Phthalate	ND	0.13	0.25	1	07/12/2016 23:12
4-Chloroaniline	ND	0.13	0.50	1	07/12/2016 23:12
4-Chloro-3-methylphenol	ND	0.12	0.25	1	07/12/2016 23:12
2-Chloronaphthalene	ND	0.16	0.25	1	07/12/2016 23:12
2-Chlorophenol	ND	0.14	0.25	1	07/12/2016 23:12
4-Chlorophenyl Phenyl Ether	ND	0.15	0.25	1	07/12/2016 23:12
Chrysene	ND	0.14	0.25	1	07/12/2016 23:12
Dibenzo (a,h) anthracene	ND	0.16	0.25	1	07/12/2016 23:12
Dibenzofuran	ND	0.13	0.25	1	07/12/2016 23:12
Di-n-butyl Phthalate	ND	0.13	0.25	1	07/12/2016 23:12
1,2-Dichlorobenzene	ND	0.12	0.25	1	07/12/2016 23:12
1,3-Dichlorobenzene	ND	0.14	0.25	1	07/12/2016 23:12
1,4-Dichlorobenzene	ND	0.13	0.25	1	07/12/2016 23:12
3,3-Dichlorobenzidine	ND	0.12	0.50	1	07/12/2016 23:12
2,4-Dichlorophenol	ND	0.13	0.25	1	07/12/2016 23:12
Diethyl Phthalate	ND	0.14	0.25	1	07/12/2016 23:12
2,4-Dimethylphenol	ND	0.13	0.25	1	07/12/2016 23:12
Dimethyl Phthalate	ND	0.14	0.25	1	07/12/2016 23:12
4,6-Dinitro-2-methylphenol	ND	0.13	1.3	1	07/12/2016 23:12

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 5.5-6	1607345-020A	Soil	07/07/2016 11:13	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.3	6.3	1	07/12/2016 23:12
2,4-Dinitrotoluene	ND	0.13	0.25	1	07/12/2016 23:12
2,6-Dinitrotoluene	ND	0.14	0.25	1	07/12/2016 23:12
Di-n-octyl Phthalate	ND	0.14	0.50	1	07/12/2016 23:12
1,2-Diphenylhydrazine	ND	0.16	0.25	1	07/12/2016 23:12
Fluoranthene	ND	0.13	0.25	1	07/12/2016 23:12
Fluorene	ND	0.14	0.25	1	07/12/2016 23:12
Hexachlorobenzene	ND	0.17	0.25	1	07/12/2016 23:12
Hexachlorobutadiene	ND	0.15	0.25	1	07/12/2016 23:12
Hexachlorocyclopentadiene	ND	0.73	1.3	1	07/12/2016 23:12
Hexachloroethane	ND	0.14	0.25	1	07/12/2016 23:12
Indeno (1,2,3-cd) pyrene	ND	0.14	0.25	1	07/12/2016 23:12
Isophorone	ND	0.12	0.25	1	07/12/2016 23:12
2-Methylnaphthalene	ND	0.14	0.25	1	07/12/2016 23:12
2-Methylphenol (o-Cresol)	ND	0.14	0.25	1	07/12/2016 23:12
3 & 4-Methylphenol (m,p-Cresol)	ND	0.12	0.25	1	07/12/2016 23:12
Naphthalene	ND	0.13	0.25	1	07/12/2016 23:12
2-Nitroaniline	ND	0.62	1.3	1	07/12/2016 23:12
3-Nitroaniline	ND	0.59	1.3	1	07/12/2016 23:12
4-Nitroaniline	ND	0.55	1.3	1	07/12/2016 23:12
Nitrobenzene	ND	0.14	0.25	1	07/12/2016 23:12
2-Nitrophenol	ND	0.64	1.3	1	07/12/2016 23:12
4-Nitrophenol	ND	0.41	1.3	1	07/12/2016 23:12
N-Nitrosodiphenylamine	ND	0.16	0.25	1	07/12/2016 23:12
N-Nitrosodi-n-propylamine	ND	0.13	0.25	1	07/12/2016 23:12
Pentachlorophenol	ND	0.32	1.3	1	07/12/2016 23:12
Phenanthrene	ND	0.14	0.25	1	07/12/2016 23:12
Phenol	**1.1**	0.12	0.25	1	07/12/2016 23:12
Pyrene	ND	0.13	0.25	1	07/12/2016 23:12
1,2,4-Trichlorobenzene	ND	0.14	0.25	1	07/12/2016 23:12
2,4,5-Trichlorophenol	ND	0.12	0.25	1	07/12/2016 23:12
2,4,6-Trichlorophenol	ND	0.14	0.25	1	07/12/2016 23:12

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 5.5-6	**1607345-020A**	**Soil**	**07/07/2016 11:13**	**GC21**	**123571**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
2-Fluorophenol	96		30-130		07/12/2016 23:12
Phenol-d5	91		30-130		07/12/2016 23:12
Nitrobenzene-d5	81		30-130		07/12/2016 23:12
2-Fluorobiphenyl	75		30-130		07/12/2016 23:12
2,4,6-Tribromophenol	55		16-130		07/12/2016 23:12
4-Terphenyl-d14	82		30-130		07/12/2016 23:12

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 2.5-3	1607345-021A	Soil	07/07/2016 11:57	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.14	0.25	1	07/12/2016 23:39
Acenaphthylene	ND	0.14	0.25	1	07/12/2016 23:39
Acetochlor	ND	0.25	0.25	1	07/12/2016 23:39
Anthracene	ND	0.14	0.25	1	07/12/2016 23:39
Benzidine	ND	0.23	1.3	1	07/12/2016 23:39
Benzo (a) anthracene	ND	0.14	0.25	1	07/12/2016 23:39
Benzo (a) pyrene	ND	0.14	0.25	1	07/12/2016 23:39
Benzo (b) fluoranthene	ND	0.14	0.25	1	07/12/2016 23:39
Benzo (g,h,i) perylene	ND	0.15	0.25	1	07/12/2016 23:39
Benzo (k) fluoranthene	ND	0.16	0.25	1	07/12/2016 23:39
Benzyl Alcohol	ND	0.51	1.3	1	07/12/2016 23:39
1,1-Biphenyl	ND	0.15	0.25	1	07/12/2016 23:39
Bis (2-chloroethoxy) Methane	ND	0.14	0.25	1	07/12/2016 23:39
Bis (2-chloroethyl) Ether	ND	0.13	0.25	1	07/12/2016 23:39
Bis (2-chloroisopropyl) Ether	ND	0.12	0.25	1	07/12/2016 23:39
Bis (2-ethylhexyl) Adipate	ND	0.25	0.25	1	07/12/2016 23:39
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	1	07/12/2016 23:39
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	1	07/12/2016 23:39
Butylbenzyl Phthalate	ND	0.13	0.25	1	07/12/2016 23:39
4-Chloroaniline	ND	0.13	0.50	1	07/12/2016 23:39
4-Chloro-3-methylphenol	ND	0.12	0.25	1	07/12/2016 23:39
2-Chloronaphthalene	ND	0.16	0.25	1	07/12/2016 23:39
2-Chlorophenol	ND	0.14	0.25	1	07/12/2016 23:39
4-Chlorophenyl Phenyl Ether	ND	0.15	0.25	1	07/12/2016 23:39
Chrysene	ND	0.14	0.25	1	07/12/2016 23:39
Dibenzo (a,h) anthracene	ND	0.16	0.25	1	07/12/2016 23:39
Dibenzofuran	ND	0.13	0.25	1	07/12/2016 23:39
Di-n-butyl Phthalate	ND	0.13	0.25	1	07/12/2016 23:39
1,2-Dichlorobenzene	ND	0.12	0.25	1	07/12/2016 23:39
1,3-Dichlorobenzene	ND	0.14	0.25	1	07/12/2016 23:39
1,4-Dichlorobenzene	ND	0.13	0.25	1	07/12/2016 23:39
3,3-Dichlorobenzidine	ND	0.12	0.50	1	07/12/2016 23:39
2,4-Dichlorophenol	ND	0.13	0.25	1	07/12/2016 23:39
Diethyl Phthalate	ND	0.14	0.25	1	07/12/2016 23:39
2,4-Dimethylphenol	ND	0.13	0.25	1	07/12/2016 23:39
Dimethyl Phthalate	ND	0.14	0.25	1	07/12/2016 23:39
4,6-Dinitro-2-methylphenol	ND	0.13	1.3	1	07/12/2016 23:39

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 2.5-3	1607345-021A	Soil	07/07/2016 11:57	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.3	6.3	1	07/12/2016 23:39
2,4-Dinitrotoluene	ND	0.13	0.25	1	07/12/2016 23:39
2,6-Dinitrotoluene	ND	0.14	0.25	1	07/12/2016 23:39
Di-n-octyl Phthalate	ND	0.14	0.50	1	07/12/2016 23:39
1,2-Diphenylhydrazine	ND	0.16	0.25	1	07/12/2016 23:39
Fluoranthene	ND	0.13	0.25	1	07/12/2016 23:39
Fluorene	ND	0.14	0.25	1	07/12/2016 23:39
Hexachlorobenzene	ND	0.17	0.25	1	07/12/2016 23:39
Hexachlorobutadiene	ND	0.15	0.25	1	07/12/2016 23:39
Hexachlorocyclopentadiene	ND	0.73	1.3	1	07/12/2016 23:39
Hexachloroethane	ND	0.14	0.25	1	07/12/2016 23:39
Indeno (1,2,3-cd) pyrene	ND	0.14	0.25	1	07/12/2016 23:39
Isophorone	ND	0.12	0.25	1	07/12/2016 23:39
2-Methylnaphthalene	ND	0.14	0.25	1	07/12/2016 23:39
2-Methylphenol (o-Cresol)	ND	0.14	0.25	1	07/12/2016 23:39
3 & 4-Methylphenol (m,p-Cresol)	ND	0.12	0.25	1	07/12/2016 23:39
Naphthalene	ND	0.13	0.25	1	07/12/2016 23:39
2-Nitroaniline	ND	0.62	1.3	1	07/12/2016 23:39
3-Nitroaniline	ND	0.59	1.3	1	07/12/2016 23:39
4-Nitroaniline	ND	0.55	1.3	1	07/12/2016 23:39
Nitrobenzene	ND	0.14	0.25	1	07/12/2016 23:39
2-Nitrophenol	ND	0.64	1.3	1	07/12/2016 23:39
4-Nitrophenol	ND	0.41	1.3	1	07/12/2016 23:39
N-Nitrosodiphenylamine	ND	0.16	0.25	1	07/12/2016 23:39
N-Nitrosodi-n-propylamine	ND	0.13	0.25	1	07/12/2016 23:39
Pentachlorophenol	ND	0.32	1.3	1	07/12/2016 23:39
Phenanthrene	ND	0.14	0.25	1	07/12/2016 23:39
Phenol	**0.59**	0.12	0.25	1	07/12/2016 23:39
Pyrene	ND	0.13	0.25	1	07/12/2016 23:39
1,2,4-Trichlorobenzene	ND	0.14	0.25	1	07/12/2016 23:39
2,4,5-Trichlorophenol	ND	0.12	0.25	1	07/12/2016 23:39
2,4,6-Trichlorophenol	ND	0.14	0.25	1	07/12/2016 23:39

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 2.5-3	**1607345-021A**	**Soil**	**07/07/2016 11:57**	**GC21**	**123571**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
2-Fluorophenol	99		30-130		07/12/2016 23:39
Phenol-d5	94		30-130		07/12/2016 23:39
Nitrobenzene-d5	82		30-130		07/12/2016 23:39
2-Fluorobiphenyl	76		30-130		07/12/2016 23:39
2,4,6-Tribromophenol	69		16-130		07/12/2016 23:39
4-Terphenyl-d14	80		30-130		07/12/2016 23:39

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5-5.5	1607345-022A	Soil	07/07/2016 12:02	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.14	0.25	1	07/13/2016 00:07
Acenaphthylene	ND	0.14	0.25	1	07/13/2016 00:07
Acetochlor	ND	0.25	0.25	1	07/13/2016 00:07
Anthracene	ND	0.14	0.25	1	07/13/2016 00:07
Benzidine	ND	0.23	1.3	1	07/13/2016 00:07
Benzo (a) anthracene	ND	0.14	0.25	1	07/13/2016 00:07
Benzo (a) pyrene	ND	0.14	0.25	1	07/13/2016 00:07
Benzo (b) fluoranthene	ND	0.14	0.25	1	07/13/2016 00:07
Benzo (g,h,i) perylene	ND	0.15	0.25	1	07/13/2016 00:07
Benzo (k) fluoranthene	ND	0.16	0.25	1	07/13/2016 00:07
Benzyl Alcohol	ND	0.51	1.3	1	07/13/2016 00:07
1,1-Biphenyl	ND	0.15	0.25	1	07/13/2016 00:07
Bis (2-chloroethoxy) Methane	ND	0.14	0.25	1	07/13/2016 00:07
Bis (2-chloroethyl) Ether	ND	0.13	0.25	1	07/13/2016 00:07
Bis (2-chloroisopropyl) Ether	ND	0.12	0.25	1	07/13/2016 00:07
Bis (2-ethylhexyl) Adipate	ND	0.25	0.25	1	07/13/2016 00:07
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	1	07/13/2016 00:07
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	1	07/13/2016 00:07
Butylbenzyl Phthalate	ND	0.13	0.25	1	07/13/2016 00:07
4-Chloroaniline	ND	0.13	0.50	1	07/13/2016 00:07
4-Chloro-3-methylphenol	ND	0.12	0.25	1	07/13/2016 00:07
2-Chloronaphthalene	ND	0.16	0.25	1	07/13/2016 00:07
2-Chlorophenol	ND	0.14	0.25	1	07/13/2016 00:07
4-Chlorophenyl Phenyl Ether	ND	0.15	0.25	1	07/13/2016 00:07
Chrysene	ND	0.14	0.25	1	07/13/2016 00:07
Dibenzo (a,h) anthracene	ND	0.16	0.25	1	07/13/2016 00:07
Dibenzofuran	ND	0.13	0.25	1	07/13/2016 00:07
Di-n-butyl Phthalate	ND	0.13	0.25	1	07/13/2016 00:07
1,2-Dichlorobenzene	ND	0.12	0.25	1	07/13/2016 00:07
1,3-Dichlorobenzene	ND	0.14	0.25	1	07/13/2016 00:07
1,4-Dichlorobenzene	ND	0.13	0.25	1	07/13/2016 00:07
3,3-Dichlorobenzidine	ND	0.12	0.50	1	07/13/2016 00:07
2,4-Dichlorophenol	ND	0.13	0.25	1	07/13/2016 00:07
Diethyl Phthalate	ND	0.14	0.25	1	07/13/2016 00:07
2,4-Dimethylphenol	ND	0.13	0.25	1	07/13/2016 00:07
Dimethyl Phthalate	ND	0.14	0.25	1	07/13/2016 00:07
4,6-Dinitro-2-methylphenol	ND	0.13	1.3	1	07/13/2016 00:07

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5-5.5	1607345-022A	Soil	07/07/2016 12:02	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.3	6.3	1	07/13/2016 00:07
2,4-Dinitrotoluene	ND	0.13	0.25	1	07/13/2016 00:07
2,6-Dinitrotoluene	ND	0.14	0.25	1	07/13/2016 00:07
Di-n-octyl Phthalate	ND	0.14	0.50	1	07/13/2016 00:07
1,2-Diphenylhydrazine	ND	0.16	0.25	1	07/13/2016 00:07
Fluoranthene	ND	0.13	0.25	1	07/13/2016 00:07
Fluorene	ND	0.14	0.25	1	07/13/2016 00:07
Hexachlorobenzene	ND	0.17	0.25	1	07/13/2016 00:07
Hexachlorobutadiene	ND	0.15	0.25	1	07/13/2016 00:07
Hexachlorocyclopentadiene	ND	0.73	1.3	1	07/13/2016 00:07
Hexachloroethane	ND	0.14	0.25	1	07/13/2016 00:07
Indeno (1,2,3-cd) pyrene	ND	0.14	0.25	1	07/13/2016 00:07
Isophorone	ND	0.12	0.25	1	07/13/2016 00:07
2-Methylnaphthalene	ND	0.14	0.25	1	07/13/2016 00:07
2-Methylphenol (o-Cresol)	ND	0.14	0.25	1	07/13/2016 00:07
3 & 4-Methylphenol (m,p-Cresol)	ND	0.12	0.25	1	07/13/2016 00:07
Naphthalene	ND	0.13	0.25	1	07/13/2016 00:07
2-Nitroaniline	ND	0.62	1.3	1	07/13/2016 00:07
3-Nitroaniline	ND	0.59	1.3	1	07/13/2016 00:07
4-Nitroaniline	ND	0.55	1.3	1	07/13/2016 00:07
Nitrobenzene	ND	0.14	0.25	1	07/13/2016 00:07
2-Nitrophenol	ND	0.64	1.3	1	07/13/2016 00:07
4-Nitrophenol	ND	0.41	1.3	1	07/13/2016 00:07
N-Nitrosodiphenylamine	ND	0.16	0.25	1	07/13/2016 00:07
N-Nitrosodi-n-propylamine	ND	0.13	0.25	1	07/13/2016 00:07
Pentachlorophenol	ND	0.32	1.3	1	07/13/2016 00:07
Phenanthrene	ND	0.14	0.25	1	07/13/2016 00:07
Phenol	**2.7**	0.12	0.25	1	07/13/2016 00:07
Pyrene	ND	0.13	0.25	1	07/13/2016 00:07
1,2,4-Trichlorobenzene	ND	0.14	0.25	1	07/13/2016 00:07
2,4,5-Trichlorophenol	ND	0.12	0.25	1	07/13/2016 00:07
2,4,6-Trichlorophenol	ND	0.14	0.25	1	07/13/2016 00:07

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5-5.5	**1607345-022A**	**Soil**	**07/07/2016 12:02**	**GC21**	**123571**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
2-Fluorophenol	99		30-130		07/13/2016 00:07
Phenol-d5	93		30-130		07/13/2016 00:07
Nitrobenzene-d5	83		30-130		07/13/2016 00:07
2-Fluorobiphenyl	79		30-130		07/13/2016 00:07
2,4,6-Tribromophenol	67		16-130		07/13/2016 00:07
4-Terphenyl-d14	90		30-130		07/13/2016 00:07

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 2.5-3	1607345-023A	Soil	07/07/2016 12:28	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.14	0.25	1	07/13/2016 00:35
Acenaphthylene	ND	0.14	0.25	1	07/13/2016 00:35
Acetochlor	ND	0.25	0.25	1	07/13/2016 00:35
Anthracene	ND	0.14	0.25	1	07/13/2016 00:35
Benzidine	ND	0.23	1.3	1	07/13/2016 00:35
Benzo (a) anthracene	ND	0.14	0.25	1	07/13/2016 00:35
Benzo (a) pyrene	ND	0.14	0.25	1	07/13/2016 00:35
Benzo (b) fluoranthene	ND	0.14	0.25	1	07/13/2016 00:35
Benzo (g,h,i) perylene	ND	0.15	0.25	1	07/13/2016 00:35
Benzo (k) fluoranthene	ND	0.16	0.25	1	07/13/2016 00:35
Benzyl Alcohol	ND	0.51	1.3	1	07/13/2016 00:35
1,1-Biphenyl	ND	0.15	0.25	1	07/13/2016 00:35
Bis (2-chloroethoxy) Methane	ND	0.14	0.25	1	07/13/2016 00:35
Bis (2-chloroethyl) Ether	ND	0.13	0.25	1	07/13/2016 00:35
Bis (2-chloroisopropyl) Ether	ND	0.12	0.25	1	07/13/2016 00:35
Bis (2-ethylhexyl) Adipate	ND	0.25	0.25	1	07/13/2016 00:35
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	1	07/13/2016 00:35
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	1	07/13/2016 00:35
Butylbenzyl Phthalate	ND	0.13	0.25	1	07/13/2016 00:35
4-Chloroaniline	ND	0.13	0.50	1	07/13/2016 00:35
4-Chloro-3-methylphenol	ND	0.12	0.25	1	07/13/2016 00:35
2-Chloronaphthalene	ND	0.16	0.25	1	07/13/2016 00:35
2-Chlorophenol	ND	0.14	0.25	1	07/13/2016 00:35
4-Chlorophenyl Phenyl Ether	ND	0.15	0.25	1	07/13/2016 00:35
Chrysene	ND	0.14	0.25	1	07/13/2016 00:35
Dibenzo (a,h) anthracene	ND	0.16	0.25	1	07/13/2016 00:35
Dibenzofuran	ND	0.13	0.25	1	07/13/2016 00:35
Di-n-butyl Phthalate	ND	0.13	0.25	1	07/13/2016 00:35
1,2-Dichlorobenzene	ND	0.12	0.25	1	07/13/2016 00:35
1,3-Dichlorobenzene	ND	0.14	0.25	1	07/13/2016 00:35
1,4-Dichlorobenzene	ND	0.13	0.25	1	07/13/2016 00:35
3,3-Dichlorobenzidine	ND	0.12	0.50	1	07/13/2016 00:35
2,4-Dichlorophenol	ND	0.13	0.25	1	07/13/2016 00:35
Diethyl Phthalate	ND	0.14	0.25	1	07/13/2016 00:35
2,4-Dimethylphenol	ND	0.13	0.25	1	07/13/2016 00:35
Dimethyl Phthalate	ND	0.14	0.25	1	07/13/2016 00:35
4,6-Dinitro-2-methylphenol	ND	0.13	1.3	1	07/13/2016 00:35

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 2.5-3	1607345-023A	Soil	07/07/2016 12:28	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.3	6.3	1	07/13/2016 00:35
2,4-Dinitrotoluene	ND	0.13	0.25	1	07/13/2016 00:35
2,6-Dinitrotoluene	ND	0.14	0.25	1	07/13/2016 00:35
Di-n-octyl Phthalate	ND	0.14	0.50	1	07/13/2016 00:35
1,2-Diphenylhydrazine	ND	0.16	0.25	1	07/13/2016 00:35
Fluoranthene	ND	0.13	0.25	1	07/13/2016 00:35
Fluorene	ND	0.14	0.25	1	07/13/2016 00:35
Hexachlorobenzene	ND	0.17	0.25	1	07/13/2016 00:35
Hexachlorobutadiene	ND	0.15	0.25	1	07/13/2016 00:35
Hexachlorocyclopentadiene	ND	0.73	1.3	1	07/13/2016 00:35
Hexachloroethane	ND	0.14	0.25	1	07/13/2016 00:35
Indeno (1,2,3-cd) pyrene	ND	0.14	0.25	1	07/13/2016 00:35
Isophorone	ND	0.12	0.25	1	07/13/2016 00:35
2-Methylnaphthalene	ND	0.14	0.25	1	07/13/2016 00:35
2-Methylphenol (o-Cresol)	ND	0.14	0.25	1	07/13/2016 00:35
3 & 4-Methylphenol (m,p-Cresol)	ND	0.12	0.25	1	07/13/2016 00:35
Naphthalene	ND	0.13	0.25	1	07/13/2016 00:35
2-Nitroaniline	ND	0.62	1.3	1	07/13/2016 00:35
3-Nitroaniline	ND	0.59	1.3	1	07/13/2016 00:35
4-Nitroaniline	ND	0.55	1.3	1	07/13/2016 00:35
Nitrobenzene	ND	0.14	0.25	1	07/13/2016 00:35
2-Nitrophenol	ND	0.64	1.3	1	07/13/2016 00:35
4-Nitrophenol	ND	0.41	1.3	1	07/13/2016 00:35
N-Nitrosodiphenylamine	ND	0.16	0.25	1	07/13/2016 00:35
N-Nitrosodi-n-propylamine	ND	0.13	0.25	1	07/13/2016 00:35
Pentachlorophenol	ND	0.32	1.3	1	07/13/2016 00:35
Phenanthrene	ND	0.14	0.25	1	07/13/2016 00:35
Phenol	**2.4**	0.12	0.25	1	07/13/2016 00:35
Pyrene	ND	0.13	0.25	1	07/13/2016 00:35
1,2,4-Trichlorobenzene	ND	0.14	0.25	1	07/13/2016 00:35
2,4,5-Trichlorophenol	ND	0.12	0.25	1	07/13/2016 00:35
2,4,6-Trichlorophenol	ND	0.14	0.25	1	07/13/2016 00:35

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 2.5-3	**1607345-023A**	**Soil**	**07/07/2016 12:28**	**GC21**	**123571**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
2-Fluorophenol	99		30-130		07/13/2016 00:35
Phenol-d5	94		30-130		07/13/2016 00:35
Nitrobenzene-d5	82		30-130		07/13/2016 00:35
2-Fluorobiphenyl	76		30-130		07/13/2016 00:35
2,4,6-Tribromophenol	62		16-130		07/13/2016 00:35
4-Terphenyl-d14	82		30-130		07/13/2016 00:35

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 5.5-6	1607345-024A	Soil	07/07/2016 12:34	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.14	0.25	1	07/13/2016 15:14
Acenaphthylene	ND	0.14	0.25	1	07/13/2016 15:14
Acetochlor	ND	0.25	0.25	1	07/13/2016 15:14
Anthracene	ND	0.14	0.25	1	07/13/2016 15:14
Benzidine	ND	0.23	1.3	1	07/13/2016 15:14
Benzo (a) anthracene	ND	0.14	0.25	1	07/13/2016 15:14
Benzo (a) pyrene	ND	0.14	0.25	1	07/13/2016 15:14
Benzo (b) fluoranthene	ND	0.14	0.25	1	07/13/2016 15:14
Benzo (g,h,i) perylene	ND	0.15	0.25	1	07/13/2016 15:14
Benzo (k) fluoranthene	ND	0.16	0.25	1	07/13/2016 15:14
Benzyl Alcohol	ND	0.51	1.3	1	07/13/2016 15:14
1,1-Biphenyl	ND	0.15	0.25	1	07/13/2016 15:14
Bis (2-chloroethoxy) Methane	ND	0.14	0.25	1	07/13/2016 15:14
Bis (2-chloroethyl) Ether	ND	0.13	0.25	1	07/13/2016 15:14
Bis (2-chloroisopropyl) Ether	ND	0.12	0.25	1	07/13/2016 15:14
Bis (2-ethylhexyl) Adipate	ND	0.25	0.25	1	07/13/2016 15:14
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	1	07/13/2016 15:14
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	1	07/13/2016 15:14
Butylbenzyl Phthalate	ND	0.13	0.25	1	07/13/2016 15:14
4-Chloroaniline	ND	0.13	0.50	1	07/13/2016 15:14
4-Chloro-3-methylphenol	ND	0.12	0.25	1	07/13/2016 15:14
2-Chloronaphthalene	ND	0.16	0.25	1	07/13/2016 15:14
2-Chlorophenol	ND	0.14	0.25	1	07/13/2016 15:14
4-Chlorophenyl Phenyl Ether	ND	0.15	0.25	1	07/13/2016 15:14
Chrysene	ND	0.14	0.25	1	07/13/2016 15:14
Dibenzo (a,h) anthracene	ND	0.16	0.25	1	07/13/2016 15:14
Dibenzofuran	ND	0.13	0.25	1	07/13/2016 15:14
Di-n-butyl Phthalate	ND	0.13	0.25	1	07/13/2016 15:14
1,2-Dichlorobenzene	ND	0.12	0.25	1	07/13/2016 15:14
1,3-Dichlorobenzene	ND	0.14	0.25	1	07/13/2016 15:14
1,4-Dichlorobenzene	ND	0.13	0.25	1	07/13/2016 15:14
3,3-Dichlorobenzidine	ND	0.12	0.50	1	07/13/2016 15:14
2,4-Dichlorophenol	ND	0.13	0.25	1	07/13/2016 15:14
Diethyl Phthalate	ND	0.14	0.25	1	07/13/2016 15:14
2,4-Dimethylphenol	ND	0.13	0.25	1	07/13/2016 15:14
Dimethyl Phthalate	ND	0.14	0.25	1	07/13/2016 15:14
4,6-Dinitro-2-methylphenol	ND	0.13	1.3	1	07/13/2016 15:14

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 5.5-6	1607345-024A	Soil	07/07/2016 12:34	GC21	123571

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.3	6.3	1	07/13/2016 15:14
2,4-Dinitrotoluene	ND	0.13	0.25	1	07/13/2016 15:14
2,6-Dinitrotoluene	ND	0.14	0.25	1	07/13/2016 15:14
Di-n-octyl Phthalate	ND	0.14	0.50	1	07/13/2016 15:14
1,2-Diphenylhydrazine	ND	0.16	0.25	1	07/13/2016 15:14
Fluoranthene	ND	0.13	0.25	1	07/13/2016 15:14
Fluorene	ND	0.14	0.25	1	07/13/2016 15:14
Hexachlorobenzene	ND	0.17	0.25	1	07/13/2016 15:14
Hexachlorobutadiene	ND	0.15	0.25	1	07/13/2016 15:14
Hexachlorocyclopentadiene	ND	0.73	1.3	1	07/13/2016 15:14
Hexachloroethane	ND	0.14	0.25	1	07/13/2016 15:14
Indeno (1,2,3-cd) pyrene	ND	0.14	0.25	1	07/13/2016 15:14
Isophorone	ND	0.12	0.25	1	07/13/2016 15:14
2-Methylnaphthalene	ND	0.14	0.25	1	07/13/2016 15:14
2-Methylphenol (o-Cresol)	ND	0.14	0.25	1	07/13/2016 15:14
3 & 4-Methylphenol (m,p-Cresol)	ND	0.12	0.25	1	07/13/2016 15:14
Naphthalene	ND	0.13	0.25	1	07/13/2016 15:14
2-Nitroaniline	ND	0.62	1.3	1	07/13/2016 15:14
3-Nitroaniline	ND	0.59	1.3	1	07/13/2016 15:14
4-Nitroaniline	ND	0.55	1.3	1	07/13/2016 15:14
Nitrobenzene	ND	0.14	0.25	1	07/13/2016 15:14
2-Nitrophenol	ND	0.64	1.3	1	07/13/2016 15:14
4-Nitrophenol	ND	0.41	1.3	1	07/13/2016 15:14
N-Nitrosodiphenylamine	ND	0.16	0.25	1	07/13/2016 15:14
N-Nitrosodi-n-propylamine	ND	0.13	0.25	1	07/13/2016 15:14
Pentachlorophenol	ND	0.32	1.3	1	07/13/2016 15:14
Phenanthrene	ND	0.14	0.25	1	07/13/2016 15:14
Phenol	**1.3**	0.12	0.25	1	07/13/2016 15:14
Pyrene	ND	0.13	0.25	1	07/13/2016 15:14
1,2,4-Trichlorobenzene	ND	0.14	0.25	1	07/13/2016 15:14
2,4,5-Trichlorophenol	ND	0.12	0.25	1	07/13/2016 15:14
2,4,6-Trichlorophenol	ND	0.14	0.25	1	07/13/2016 15:14

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B
Date Prepared:	7/12/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 5.5-6	**1607345-024A**	**Soil**	**07/07/2016 12:34**	**GC21**	**123571**

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
2-Fluorophenol	93		30-130		07/13/2016 15:14
Phenol-d5	89		30-130		07/13/2016 15:14
Nitrobenzene-d5	76		30-130		07/13/2016 15:14
2-Fluorobiphenyl	72		30-130		07/13/2016 15:14
2,4,6-Tribromophenol	65		16-130		07/13/2016 15:14
4-Terphenyl-d14	73		30-130		07/13/2016 15:14

Analyst(s): REB

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	1607345-005C	Water	07/07/2016 10:59	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.23	1.9	1	07/12/2016 11:55
Acenaphthylene	ND		0.25	1.9	1	07/12/2016 11:55
Acetochlor	ND		0.97	1.9	1	07/12/2016 11:55
Anthracene	ND		0.15	1.9	1	07/12/2016 11:55
Benzidine	ND		0.28	9.7	1	07/12/2016 11:55
Benzo (a) anthracene	ND		0.16	1.9	1	07/12/2016 11:55
Benzo (a) pyrene	ND		0.17	1.9	1	07/12/2016 11:55
Benzo (b) fluoranthene	ND		0.16	1.9	1	07/12/2016 11:55
Benzo (g,h,i) perylene	ND		0.17	1.9	1	07/12/2016 11:55
Benzo (k) fluoranthene	ND		0.19	1.9	1	07/12/2016 11:55
Benzyl Alcohol	ND		1.5	9.7	1	07/12/2016 11:55
1,1-Biphenyl	ND		0.25	1.9	1	07/12/2016 11:55
Bis (2-chloroethoxy) Methane	ND		0.29	1.9	1	07/12/2016 11:55
Bis (2-chloroethyl) Ether	ND		0.23	1.9	1	07/12/2016 11:55
Bis (2-chloroisopropyl) Ether	ND		0.27	1.9	1	07/12/2016 11:55
Bis (2-ethylhexyl) Adipate	ND		1.9	1.9	1	07/12/2016 11:55
Bis (2-ethylhexyl) Phthalate	ND		0.33	3.9	1	07/12/2016 11:55
4-Bromophenyl Phenyl Ether	ND		0.17	9.7	1	07/12/2016 11:55
Butylbenzyl Phthalate	ND		0.28	1.9	1	07/12/2016 11:55
4-Chloroaniline	ND		0.32	3.9	1	07/12/2016 11:55
4-Chloro-3-methylphenol	ND		0.26	9.7	1	07/12/2016 11:55
2-Chloronaphthalene	ND		0.24	1.9	1	07/12/2016 11:55
2-Chlorophenol	ND		0.25	1.9	1	07/12/2016 11:55
4-Chlorophenyl Phenyl Ether	ND		0.19	1.9	1	07/12/2016 11:55
Chrysene	ND		0.17	1.9	1	07/12/2016 11:55
Dibenzo (a,h) anthracene	ND		0.18	1.9	1	07/12/2016 11:55
Dibenzofuran	ND		0.20	1.9	1	07/12/2016 11:55
Di-n-butyl Phthalate	ND		0.29	1.9	1	07/12/2016 11:55
1,2-Dichlorobenzene	ND		0.22	1.9	1	07/12/2016 11:55
1,3-Dichlorobenzene	ND		0.21	1.9	1	07/12/2016 11:55
1,4-Dichlorobenzene	ND		0.21	1.9	1	07/12/2016 11:55
3,3-Dichlorobenzidine	ND		0.14	3.9	1	07/12/2016 11:55
2,4-Dichlorophenol	ND		0.27	1.9	1	07/12/2016 11:55
Diethyl Phthalate	ND		0.15	1.9	1	07/12/2016 11:55
2,4-Dimethylphenol	ND		0.095	1.9	1	07/12/2016 11:55
Dimethyl Phthalate	ND		0.17	1.9	1	07/12/2016 11:55
4,6-Dinitro-2-methylphenol	ND		0.95	9.7	1	07/12/2016 11:55

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	1607345-005C	Water	07/07/2016 10:59	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.84	24	1	07/12/2016 11:55
2,4-Dinitrotoluene	ND		0.17	1.9	1	07/12/2016 11:55
2,6-Dinitrotoluene	ND		0.19	1.9	1	07/12/2016 11:55
Di-n-octyl Phthalate	ND		0.26	1.9	1	07/12/2016 11:55
1,2-Diphenylhydrazine	ND		0.16	1.9	1	07/12/2016 11:55
Fluoranthene	ND		0.17	1.9	1	07/12/2016 11:55
Fluorene	ND		0.19	1.9	1	07/12/2016 11:55
Hexachlorobenzene	ND		0.17	1.9	1	07/12/2016 11:55
Hexachlorobutadiene	ND		0.23	1.9	1	07/12/2016 11:55
Hexachlorocyclopentadiene	ND		1.2	9.7	1	07/12/2016 11:55
Hexachloroethane	ND		0.28	1.9	1	07/12/2016 11:55
Indeno (1,2,3-cd) pyrene	ND		0.18	1.9	1	07/12/2016 11:55
Isophorone	ND		0.31	1.9	1	07/12/2016 11:55
2-Methylnaphthalene	ND		0.28	1.9	1	07/12/2016 11:55
2-Methylphenol (o-Cresol)	ND		0.18	1.9	1	07/12/2016 11:55
3 & 4-Methylphenol (m,p-Cresol)	ND		0.18	1.9	1	07/12/2016 11:55
Naphthalene	ND		0.23	1.9	1	07/12/2016 11:55
2-Nitroaniline	ND		1.3	9.7	1	07/12/2016 11:55
3-Nitroaniline	ND		1.2	9.7	1	07/12/2016 11:55
4-Nitroaniline	ND		1.2	9.7	1	07/12/2016 11:55
Nitrobenzene	ND		0.31	1.9	1	07/12/2016 11:55
2-Nitrophenol	ND		1.4	9.7	1	07/12/2016 11:55
4-Nitrophenol	ND		1.7	9.7	1	07/12/2016 11:55
N-Nitrosodiphenylamine	ND		0.17	1.9	1	07/12/2016 11:55
N-Nitrosodi-n-propylamine	ND		0.34	1.9	1	07/12/2016 11:55
Pentachlorophenol	ND		0.49	9.7	1	07/12/2016 11:55
Phenanthrene	ND		0.21	1.9	1	07/12/2016 11:55
Phenol	**0.64**	J	0.33	1.9	1	07/12/2016 11:55
Pyrene	ND		0.23	1.9	1	07/12/2016 11:55
1,2,4-Trichlorobenzene	ND		0.21	1.9	1	07/12/2016 11:55
2,4,5-Trichlorophenol	ND		0.20	1.9	1	07/12/2016 11:55
2,4,6-Trichlorophenol	ND		0.22	1.9	1	07/12/2016 11:55

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	**1607345-005C**	**Water**	**07/07/2016 10:59**	**GC21**	**123570**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
2-Fluorophenol	31			8-130		07/12/2016 11:55
Phenol-d5	22			5-130		07/12/2016 11:55
Nitrobenzene-d5	86			20-140		07/12/2016 11:55
2-Fluorobiphenyl	90			40-140		07/12/2016 11:55
2,4,6-Tribromophenol	117			16-180		07/12/2016 11:55
4-Terphenyl-d14	144			40-170		07/12/2016 11:55

Analyst(s): REB Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	1607345-006C	Water	07/07/2016 11:46	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	**0.47**	J	0.26	2.1	1	07/12/2016 11:00
Acenaphthylene	ND		0.28	2.1	1	07/12/2016 11:00
Acetochlor	ND		1.1	2.1	1	07/12/2016 11:00
Anthracene	ND		0.16	2.1	1	07/12/2016 11:00
Benzidine	ND		0.31	11	1	07/12/2016 11:00
Benzo (a) anthracene	ND		0.17	2.1	1	07/12/2016 11:00
Benzo (a) pyrene	ND		0.18	2.1	1	07/12/2016 11:00
Benzo (b) fluoranthene	ND		0.17	2.1	1	07/12/2016 11:00
Benzo (g,h,i) perylene	ND		0.19	2.1	1	07/12/2016 11:00
Benzo (k) fluoranthene	ND		0.21	2.1	1	07/12/2016 11:00
Benzyl Alcohol	ND		1.6	11	1	07/12/2016 11:00
1,1-Biphenyl	ND		0.28	2.1	1	07/12/2016 11:00
Bis (2-chloroethoxy) Methane	ND		0.32	2.1	1	07/12/2016 11:00
Bis (2-chloroethyl) Ether	ND		0.26	2.1	1	07/12/2016 11:00
Bis (2-chloroisopropyl) Ether	ND		0.30	2.1	1	07/12/2016 11:00
Bis (2-ethylhexyl) Adipate	ND		2.1	2.1	1	07/12/2016 11:00
Bis (2-ethylhexyl) Phthalate	ND		0.36	4.3	1	07/12/2016 11:00
4-Bromophenyl Phenyl Ether	ND		0.18	11	1	07/12/2016 11:00
Butylbenzyl Phthalate	ND		0.31	2.1	1	07/12/2016 11:00
4-Chloroaniline	ND		0.35	4.3	1	07/12/2016 11:00
4-Chloro-3-methylphenol	ND		0.29	11	1	07/12/2016 11:00
2-Chloronaphthalene	ND		0.27	2.1	1	07/12/2016 11:00
2-Chlorophenol	ND		0.28	2.1	1	07/12/2016 11:00
4-Chlorophenyl Phenyl Ether	ND		0.21	2.1	1	07/12/2016 11:00
Chrysene	ND		0.19	2.1	1	07/12/2016 11:00
Dibenzo (a,h) anthracene	ND		0.20	2.1	1	07/12/2016 11:00
Dibenzofuran	**0.34**	J	0.22	2.1	1	07/12/2016 11:00
Di-n-butyl Phthalate	ND		0.32	2.1	1	07/12/2016 11:00
1,2-Dichlorobenzene	ND		0.24	2.1	1	07/12/2016 11:00
1,3-Dichlorobenzene	ND		0.23	2.1	1	07/12/2016 11:00
1,4-Dichlorobenzene	ND		0.23	2.1	1	07/12/2016 11:00
3,3-Dichlorobenzidine	ND		0.15	4.3	1	07/12/2016 11:00
2,4-Dichlorophenol	ND		0.30	2.1	1	07/12/2016 11:00
Diethyl Phthalate	**0.18**	J	0.16	2.1	1	07/12/2016 11:00
2,4-Dimethylphenol	ND		0.10	2.1	1	07/12/2016 11:00
Dimethyl Phthalate	ND		0.19	2.1	1	07/12/2016 11:00
4,6-Dinitro-2-methylphenol	ND		1.0	11	1	07/12/2016 11:00

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	1607345-006C	Water	07/07/2016 11:46	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.93	27	1	07/12/2016 11:00
2,4-Dinitrotoluene	ND		0.18	2.1	1	07/12/2016 11:00
2,6-Dinitrotoluene	ND		0.21	2.1	1	07/12/2016 11:00
Di-n-octyl Phthalate	ND		0.29	2.1	1	07/12/2016 11:00
1,2-Diphenylhydrazine	ND		0.17	2.1	1	07/12/2016 11:00
Fluoranthene	ND		0.19	2.1	1	07/12/2016 11:00
Fluorene	**0.25**	J	0.21	2.1	1	07/12/2016 11:00
Hexachlorobenzene	ND		0.19	2.1	1	07/12/2016 11:00
Hexachlorobutadiene	ND		0.26	2.1	1	07/12/2016 11:00
Hexachlorocyclopentadiene	ND		1.3	11	1	07/12/2016 11:00
Hexachloroethane	ND		0.31	2.1	1	07/12/2016 11:00
Indeno (1,2,3-cd) pyrene	ND		0.20	2.1	1	07/12/2016 11:00
Isophorone	ND		0.34	2.1	1	07/12/2016 11:00
2-Methylnaphthalene	**0.68**	J	0.31	2.1	1	07/12/2016 11:00
2-Methylphenol (o-Cresol)	ND		0.20	2.1	1	07/12/2016 11:00
3 & 4-Methylphenol (m,p-Cresol)	ND		0.20	2.1	1	07/12/2016 11:00
Naphthalene	**5.1**		0.26	2.1	1	07/12/2016 11:00
2-Nitroaniline	ND		1.4	11	1	07/12/2016 11:00
3-Nitroaniline	ND		1.3	11	1	07/12/2016 11:00
4-Nitroaniline	ND		1.3	11	1	07/12/2016 11:00
Nitrobenzene	ND		0.34	2.1	1	07/12/2016 11:00
2-Nitrophenol	ND		1.5	11	1	07/12/2016 11:00
4-Nitrophenol	ND		1.8	11	1	07/12/2016 11:00
N-Nitrosodiphenylamine	ND		0.19	2.1	1	07/12/2016 11:00
N-Nitrosodi-n-propylamine	ND		0.37	2.1	1	07/12/2016 11:00
Pentachlorophenol	ND		0.53	11	1	07/12/2016 11:00
Phenanthrene	ND		0.23	2.1	1	07/12/2016 11:00
Phenol	ND		0.36	2.1	1	07/12/2016 11:00
Pyrene	ND		0.26	2.1	1	07/12/2016 11:00
1,2,4-Trichlorobenzene	ND		0.23	2.1	1	07/12/2016 11:00
2,4,5-Trichlorophenol	ND		0.22	2.1	1	07/12/2016 11:00
2,4,6-Trichlorophenol	ND		0.24	2.1	1	07/12/2016 11:00

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	**1607345-006C**	**Water**	**07/07/2016 11:46**	**GC21**	**123570**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
2-Fluorophenol	35			8-130		07/12/2016 11:00
Phenol-d5	25			5-130		07/12/2016 11:00
Nitrobenzene-d5	80			20-140		07/12/2016 11:00
2-Fluorobiphenyl	92			40-140		07/12/2016 11:00
2,4,6-Tribromophenol	127			16-180		07/12/2016 11:00
4-Terphenyl-d14	145			40-170		07/12/2016 11:00

Analyst(s): REB Analytical Comments: a19,b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	1607345-007C	Water	07/07/2016 12:22	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.24	2.0	1	07/13/2016 15:42
Acenaphthylene	ND		0.26	2.0	1	07/13/2016 15:42
Acetochlor	ND		1.0	2.0	1	07/13/2016 15:42
Anthracene	ND		0.15	2.0	1	07/13/2016 15:42
Benzidine	ND		0.29	10	1	07/13/2016 15:42
Benzo (a) anthracene	ND		0.16	2.0	1	07/13/2016 15:42
Benzo (a) pyrene	ND		0.17	2.0	1	07/13/2016 15:42
Benzo (b) fluoranthene	ND		0.16	2.0	1	07/13/2016 15:42
Benzo (g,h,i) perylene	ND		0.18	2.0	1	07/13/2016 15:42
Benzo (k) fluoranthene	ND		0.20	2.0	1	07/13/2016 15:42
Benzyl Alcohol	ND		1.5	10	1	07/13/2016 15:42
1,1-Biphenyl	ND		0.26	2.0	1	07/13/2016 15:42
Bis (2-chloroethoxy) Methane	ND		0.30	2.0	1	07/13/2016 15:42
Bis (2-chloroethyl) Ether	ND		0.24	2.0	1	07/13/2016 15:42
Bis (2-chloroisopropyl) Ether	ND		0.28	2.0	1	07/13/2016 15:42
Bis (2-ethylhexyl) Adipate	ND		2.0	2.0	1	07/13/2016 15:42
Bis (2-ethylhexyl) Phthalate	ND		0.34	4.0	1	07/13/2016 15:42
4-Bromophenyl Phenyl Ether	ND		0.17	10	1	07/13/2016 15:42
Butylbenzyl Phthalate	ND		0.29	2.0	1	07/13/2016 15:42
4-Chloroaniline	ND		0.33	4.0	1	07/13/2016 15:42
4-Chloro-3-methylphenol	ND		0.27	10	1	07/13/2016 15:42
2-Chloronaphthalene	ND		0.25	2.0	1	07/13/2016 15:42
2-Chlorophenol	ND		0.26	2.0	1	07/13/2016 15:42
4-Chlorophenyl Phenyl Ether	ND		0.20	2.0	1	07/13/2016 15:42
Chrysene	ND		0.18	2.0	1	07/13/2016 15:42
Dibenzo (a,h) anthracene	ND		0.19	2.0	1	07/13/2016 15:42
Dibenzofuran	ND		0.21	2.0	1	07/13/2016 15:42
Di-n-butyl Phthalate	**0.60**	J	0.30	2.0	1	07/13/2016 15:42
1,2-Dichlorobenzene	ND		0.23	2.0	1	07/13/2016 15:42
1,3-Dichlorobenzene	ND		0.22	2.0	1	07/13/2016 15:42
1,4-Dichlorobenzene	ND		0.22	2.0	1	07/13/2016 15:42
3,3-Dichlorobenzidine	ND		0.14	4.0	1	07/13/2016 15:42
2,4-Dichlorophenol	ND		0.28	2.0	1	07/13/2016 15:42
Diethyl Phthalate	**0.31**	J	0.15	2.0	1	07/13/2016 15:42
2,4-Dimethylphenol	ND		0.098	2.0	1	07/13/2016 15:42
Dimethyl Phthalate	ND		0.18	2.0	1	07/13/2016 15:42
4,6-Dinitro-2-methylphenol	ND		0.98	10	1	07/13/2016 15:42

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	1607345-007C	Water	07/07/2016 12:22	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.87	25	1	07/13/2016 15:42
2,4-Dinitrotoluene	ND		0.17	2.0	1	07/13/2016 15:42
2,6-Dinitrotoluene	ND		0.20	2.0	1	07/13/2016 15:42
Di-n-octyl Phthalate	ND		0.27	2.0	1	07/13/2016 15:42
1,2-Diphenylhydrazine	ND		0.16	2.0	1	07/13/2016 15:42
Fluoranthene	ND		0.18	2.0	1	07/13/2016 15:42
Fluorene	ND		0.20	2.0	1	07/13/2016 15:42
Hexachlorobenzene	ND		0.18	2.0	1	07/13/2016 15:42
Hexachlorobutadiene	ND		0.24	2.0	1	07/13/2016 15:42
Hexachlorocyclopentadiene	ND		1.2	10	1	07/13/2016 15:42
Hexachloroethane	ND		0.29	2.0	1	07/13/2016 15:42
Indeno (1,2,3-cd) pyrene	ND		0.19	2.0	1	07/13/2016 15:42
Isophorone	ND		0.32	2.0	1	07/13/2016 15:42
2-Methylnaphthalene	ND		0.29	2.0	1	07/13/2016 15:42
2-Methylphenol (o-Cresol)	ND		0.19	2.0	1	07/13/2016 15:42
3 & 4-Methylphenol (m,p-Cresol)	ND		0.19	2.0	1	07/13/2016 15:42
Naphthalene	**1.4**	J	0.24	2.0	1	07/13/2016 15:42
2-Nitroaniline	ND		1.3	10	1	07/13/2016 15:42
3-Nitroaniline	ND		1.2	10	1	07/13/2016 15:42
4-Nitroaniline	ND		1.2	10	1	07/13/2016 15:42
Nitrobenzene	ND		0.32	2.0	1	07/13/2016 15:42
2-Nitrophenol	ND		1.4	10	1	07/13/2016 15:42
4-Nitrophenol	ND		1.7	10	1	07/13/2016 15:42
N-Nitrosodiphenylamine	ND		0.18	2.0	1	07/13/2016 15:42
N-Nitrosodi-n-propylamine	ND		0.35	2.0	1	07/13/2016 15:42
Pentachlorophenol	ND		0.50	10	1	07/13/2016 15:42
Phenanthrene	ND		0.22	2.0	1	07/13/2016 15:42
Phenol	ND		0.34	2.0	1	07/13/2016 15:42
Pyrene	ND		0.24	2.0	1	07/13/2016 15:42
1,2,4-Trichlorobenzene	ND		0.22	2.0	1	07/13/2016 15:42
2,4,5-Trichlorophenol	ND		0.21	2.0	1	07/13/2016 15:42
2,4,6-Trichlorophenol	ND		0.23	2.0	1	07/13/2016 15:42

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	**1607345-007C**	**Water**	**07/07/2016 12:22**	**GC21**	**123570**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)	Qualifiers		Limits		
2-Fluorophenol	39			8-130		07/13/2016 15:42
Phenol-d5	22			5-130		07/13/2016 15:42
Nitrobenzene-d5	131			20-140		07/13/2016 15:42
2-Fluorobiphenyl	133			40-140		07/13/2016 15:42
2,4,6-Tribromophenol	147			16-180		07/13/2016 15:42
4-Terphenyl-d14	178	S		40-170		07/13/2016 15:42

Analyst(s): REB Analytical Comments: c2,b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	1607345-008C	Water	07/07/2016 12:58	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.25	2.1	1	07/12/2016 11:27
Acenaphthylene	ND		0.27	2.1	1	07/12/2016 11:27
Acetochlor	ND		1.0	2.1	1	07/12/2016 11:27
Anthracene	ND		0.15	2.1	1	07/12/2016 11:27
Benzidine	ND		0.30	10	1	07/12/2016 11:27
Benzo (a) anthracene	ND		0.16	2.1	1	07/12/2016 11:27
Benzo (a) pyrene	ND		0.17	2.1	1	07/12/2016 11:27
Benzo (b) fluoranthene	ND		0.16	2.1	1	07/12/2016 11:27
Benzo (g,h,i) perylene	ND		0.19	2.1	1	07/12/2016 11:27
Benzo (k) fluoranthene	ND		0.21	2.1	1	07/12/2016 11:27
Benzyl Alcohol	ND		1.5	10	1	07/12/2016 11:27
1,1-Biphenyl	ND		0.27	2.1	1	07/12/2016 11:27
Bis (2-chloroethoxy) Methane	ND		0.31	2.1	1	07/12/2016 11:27
Bis (2-chloroethyl) Ether	ND		0.25	2.1	1	07/12/2016 11:27
Bis (2-chloroisopropyl) Ether	ND		0.29	2.1	1	07/12/2016 11:27
Bis (2-ethylhexyl) Adipate	ND		2.1	2.1	1	07/12/2016 11:27
Bis (2-ethylhexyl) Phthalate	ND		0.35	4.1	1	07/12/2016 11:27
4-Bromophenyl Phenyl Ether	ND		0.17	10	1	07/12/2016 11:27
Butylbenzyl Phthalate	ND		0.30	2.1	1	07/12/2016 11:27
4-Chloroaniline	ND		0.34	4.1	1	07/12/2016 11:27
4-Chloro-3-methylphenol	ND		0.28	10	1	07/12/2016 11:27
2-Chloronaphthalene	ND		0.26	2.1	1	07/12/2016 11:27
2-Chlorophenol	ND		0.27	2.1	1	07/12/2016 11:27
4-Chlorophenyl Phenyl Ether	ND		0.21	2.1	1	07/12/2016 11:27
Chrysene	ND		0.19	2.1	1	07/12/2016 11:27
Dibenzo (a,h) anthracene	ND		0.20	2.1	1	07/12/2016 11:27
Dibenzofuran	ND		0.22	2.1	1	07/12/2016 11:27
Di-n-butyl Phthalate	ND		0.31	2.1	1	07/12/2016 11:27
1,2-Dichlorobenzene	ND		0.24	2.1	1	07/12/2016 11:27
1,3-Dichlorobenzene	ND		0.23	2.1	1	07/12/2016 11:27
1,4-Dichlorobenzene	ND		0.23	2.1	1	07/12/2016 11:27
3,3-Dichlorobenzidine	ND		0.14	4.1	1	07/12/2016 11:27
2,4-Dichlorophenol	ND		0.29	2.1	1	07/12/2016 11:27
Diethyl Phthalate	ND		0.15	2.1	1	07/12/2016 11:27
2,4-Dimethylphenol	ND		0.10	2.1	1	07/12/2016 11:27
Dimethyl Phthalate	ND		0.19	2.1	1	07/12/2016 11:27
4,6-Dinitro-2-methylphenol	ND		1.0	10	1	07/12/2016 11:27

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	1607345-008C	Water	07/07/2016 12:58	GC21	123570

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.90	26	1	07/12/2016 11:27
2,4-Dinitrotoluene	ND		0.17	2.1	1	07/12/2016 11:27
2,6-Dinitrotoluene	ND		0.21	2.1	1	07/12/2016 11:27
Di-n-octyl Phthalate	ND		0.28	2.1	1	07/12/2016 11:27
1,2-Diphenylhydrazine	ND		0.16	2.1	1	07/12/2016 11:27
Fluoranthene	ND		0.19	2.1	1	07/12/2016 11:27
Fluorene	ND		0.21	2.1	1	07/12/2016 11:27
Hexachlorobenzene	ND		0.19	2.1	1	07/12/2016 11:27
Hexachlorobutadiene	ND		0.25	2.1	1	07/12/2016 11:27
Hexachlorocyclopentadiene	ND		1.2	10	1	07/12/2016 11:27
Hexachloroethane	ND		0.30	2.1	1	07/12/2016 11:27
Indeno (1,2,3-cd) pyrene	ND		0.20	2.1	1	07/12/2016 11:27
Isophorone	ND		0.33	2.1	1	07/12/2016 11:27
2-Methylnaphthalene	ND		0.30	2.1	1	07/12/2016 11:27
2-Methylphenol (o-Cresol)	ND		0.20	2.1	1	07/12/2016 11:27
3 & 4-Methylphenol (m,p-Cresol)	ND		0.20	2.1	1	07/12/2016 11:27
Naphthalene	ND		0.25	2.1	1	07/12/2016 11:27
2-Nitroaniline	ND		1.3	10	1	07/12/2016 11:27
3-Nitroaniline	ND		1.2	10	1	07/12/2016 11:27
4-Nitroaniline	ND		1.2	10	1	07/12/2016 11:27
Nitrobenzene	ND		0.33	2.1	1	07/12/2016 11:27
2-Nitrophenol	ND		1.4	10	1	07/12/2016 11:27
4-Nitrophenol	ND		1.7	10	1	07/12/2016 11:27
N-Nitrosodiphenylamine	ND		0.19	2.1	1	07/12/2016 11:27
N-Nitrosodi-n-propylamine	ND		0.36	2.1	1	07/12/2016 11:27
Pentachlorophenol	ND		0.51	10	1	07/12/2016 11:27
Phenanthrene	ND		0.23	2.1	1	07/12/2016 11:27
Phenol	**0.94**	J	0.35	2.1	1	07/12/2016 11:27
Pyrene	ND		0.25	2.1	1	07/12/2016 11:27
1,2,4-Trichlorobenzene	ND		0.23	2.1	1	07/12/2016 11:27
2,4,5-Trichlorophenol	ND		0.22	2.1	1	07/12/2016 11:27
2,4,6-Trichlorophenol	ND		0.24	2.1	1	07/12/2016 11:27

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	E625
Date Prepared:	7/11/16	**Analytical Method:**	SW8270C
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	**1607345-008C**	**Water**	**07/07/2016 12:58**	**GC21**	**123570**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
2-Fluorophenol	29			8-130		07/12/2016 11:27
Phenol-d5	19			5-130		07/12/2016 11:27
Nitrobenzene-d5	66			20-140		07/12/2016 11:27
2-Fluorobiphenyl	71			40-140		07/12/2016 11:27
2,4,6-Tribromophenol	85			16-180		07/12/2016 11:27
4-Terphenyl-d14	126			40-170		07/12/2016 11:27

Analyst(s): REB Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 3.5-4	1607345-009A	Soil	07/07/2016 08:48	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.43**	J	0.090	1.0	1	07/12/2016 20:02
MTBE	---		0.0023	0.050	1	07/12/2016 20:02
Benzene	---		0.0010	0.0050	1	07/12/2016 20:02
Toluene	---		0.0012	0.0050	1	07/12/2016 20:02
Ethylbenzene	---		0.0020	0.0050	1	07/12/2016 20:02
Xylenes	---		0.0025	0.015	1	07/12/2016 20:02

Surrogates	REC (%)	Limits	
2-Fluorotoluene	97	70-130	07/12/2016 20:02

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 5.5-6	1607345-010A	Soil	07/07/2016 08:54	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.29**	J	0.090	1.0	1	07/12/2016 20:33
MTBE	---		0.0023	0.050	1	07/12/2016 20:33
Benzene	---		0.0010	0.0050	1	07/12/2016 20:33
Toluene	---		0.0012	0.0050	1	07/12/2016 20:33
Ethylbenzene	---		0.0020	0.0050	1	07/12/2016 20:33
Xylenes	---		0.0025	0.015	1	07/12/2016 20:33

Surrogates	REC (%)	Limits	
2-Fluorotoluene	96	70-130	07/12/2016 20:33

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2, 3.5-4	**1607345-011A**	**Soil**	**07/07/2016 09:18**	**GC19**	**123478**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.32**	J	0.090	1.0	1	07/12/2016 21:04
MTBE	---		0.0023	0.050	1	07/12/2016 21:04
Benzene	---		0.0010	0.0050	1	07/12/2016 21:04
Toluene	---		0.0012	0.0050	1	07/12/2016 21:04
Ethylbenzene	---		0.0020	0.0050	1	07/12/2016 21:04
Xylenes	---		0.0025	0.015	1	07/12/2016 21:04

Surrogates	REC (%)	Limits	
2-Fluorotoluene	98	70-130	07/12/2016 21:04

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2,5.5-6	**1607345-012A**	**Soil**	**07/07/2016 09:23**	**GC19**	**123478**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.28**	J	0.090	1.0	1	07/12/2016 21:35
MTBE	---		0.0023	0.050	1	07/12/2016 21:35
Benzene	---		0.0010	0.0050	1	07/12/2016 21:35
Toluene	---		0.0012	0.0050	1	07/12/2016 21:35
Ethylbenzene	---		0.0020	0.0050	1	07/12/2016 21:35
Xylenes	---		0.0025	0.015	1	07/12/2016 21:35

Surrogates	REC (%)	Limits	
2-Fluorotoluene	94	70-130	07/12/2016 21:35

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 3.5-4	1607345-013A	Soil	07/07/2016 09:42	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.31**	J	0.090	1.0	1	07/12/2016 22:06
MTBE	---		0.0023	0.050	1	07/12/2016 22:06
Benzene	---		0.0010	0.0050	1	07/12/2016 22:06
Toluene	---		0.0012	0.0050	1	07/12/2016 22:06
Ethylbenzene	---		0.0020	0.0050	1	07/12/2016 22:06
Xylenes	---		0.0025	0.015	1	07/12/2016 22:06

Surrogates	REC (%)	Limits	
2-Fluorotoluene	101	70-130	07/12/2016 22:06

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 5.5-6	1607345-014A	Soil	07/07/2016 09:46	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.31**	J	0.090	1.0	1	07/12/2016 23:38
MTBE	---		0.0023	0.050	1	07/12/2016 23:38
Benzene	---		0.0010	0.0050	1	07/12/2016 23:38
Toluene	---		0.0012	0.0050	1	07/12/2016 23:38
Ethylbenzene	---		0.0020	0.0050	1	07/12/2016 23:38
Xylenes	---		0.0025	0.015	1	07/12/2016 23:38

Surrogates	REC (%)	Limits	
2-Fluorotoluene	95	70-130	07/12/2016 23:38

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 3.5-4	1607345-015A	Soil	07/07/2016 10:07	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.33**	J	0.090	1.0	1	07/13/2016 00:09
MTBE	---		0.0023	0.050	1	07/13/2016 00:09
Benzene	---		0.0010	0.0050	1	07/13/2016 00:09
Toluene	---		0.0012	0.0050	1	07/13/2016 00:09
Ethylbenzene	---		0.0020	0.0050	1	07/13/2016 00:09
Xylenes	---		0.0025	0.015	1	07/13/2016 00:09

Surrogates	REC (%)	Limits	
2-Fluorotoluene	99	70-130	07/13/2016 00:09

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 5.5-6	1607345-016A	Soil	07/07/2016 10:11	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.24**	J	0.090	1.0	1	07/13/2016 01:40
MTBE	---		0.0023	0.050	1	07/13/2016 01:40
Benzene	---		0.0010	0.0050	1	07/13/2016 01:40
Toluene	---		0.0012	0.0050	1	07/13/2016 01:40
Ethylbenzene	---		0.0020	0.0050	1	07/13/2016 01:40
Xylenes	---		0.0025	0.015	1	07/13/2016 01:40

Surrogates	REC (%)	Limits	
2-Fluorotoluene	96	70-130	07/13/2016 01:40

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 3.5-4	1607345-017A	Soil	07/07/2016 10:33	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.45**	J	0.090	1.0	1	07/13/2016 18:02
MTBE	---		0.0023	0.050	1	07/13/2016 18:02
Benzene	---		0.0010	0.0050	1	07/13/2016 18:02
Toluene	---		0.0012	0.0050	1	07/13/2016 18:02
Ethylbenzene	---		0.0020	0.0050	1	07/13/2016 18:02
Xylenes	---		0.0025	0.015	1	07/13/2016 18:02

Surrogates	REC (%)	Limits	
2-Fluorotoluene	97	70-130	07/13/2016 18:02

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4.5-5	1607345-018A	Soil	07/07/2016 10:37	GC19	123725

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.27**	J	0.090	1.0	1	07/15/2016 02:08
MTBE	---		0.0023	0.050	1	07/15/2016 02:08
Benzene	---		0.0010	0.0050	1	07/15/2016 02:08
Toluene	---		0.0012	0.0050	1	07/15/2016 02:08
Ethylbenzene	---		0.0020	0.0050	1	07/15/2016 02:08
Xylenes	---		0.0025	0.015	1	07/15/2016 02:08

Surrogates	REC (%)	Limits	
2-Fluorotoluene	102	70-130	07/15/2016 02:08

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 3.5-4	1607345-019A	Soil	07/07/2016 11:09	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.31**	J	0.090	1.0	1	07/14/2016 18:20
MTBE	---		0.0023	0.050	1	07/14/2016 18:20
Benzene	---		0.0010	0.0050	1	07/14/2016 18:20
Toluene	---		0.0012	0.0050	1	07/14/2016 18:20
Ethylbenzene	---		0.0020	0.0050	1	07/14/2016 18:20
Xylenes	---		0.0025	0.015	1	07/14/2016 18:20

Surrogates	REC (%)	Limits	
2-Fluorotoluene	98	70-130	07/14/2016 18:20

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 5.5-6	1607345-020A	Soil	07/07/2016 11:13	GC19	123478

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.41**	J	0.090	1.0	1	07/13/2016 20:11
MTBE	---		0.0023	0.050	1	07/13/2016 20:11
Benzene	---		0.0010	0.0050	1	07/13/2016 20:11
Toluene	---		0.0012	0.0050	1	07/13/2016 20:11
Ethylbenzene	---		0.0020	0.0050	1	07/13/2016 20:11
Xylenes	---		0.0025	0.015	1	07/13/2016 20:11

Surrogates	REC (%)	Limits	
2-Fluorotoluene	94	70-130	07/13/2016 20:11

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 2.5-3	**1607345-021A**	**Soil**	**07/07/2016 11:57**	**GC19**	**123478**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.71**	J	0.090	1.0	1	07/13/2016 20:42
MTBE	---		0.0023	0.050	1	07/13/2016 20:42
Benzene	---		0.0010	0.0050	1	07/13/2016 20:42
Toluene	---		0.0012	0.0050	1	07/13/2016 20:42
Ethylbenzene	---		0.0020	0.0050	1	07/13/2016 20:42
Xylenes	---		0.0025	0.015	1	07/13/2016 20:42

Surrogates	REC (%)	Limits	
2-Fluorotoluene	102	70-130	07/13/2016 20:42

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5-5.5	**1607345-022A**	**Soil**	**07/07/2016 12:02**	**GC19**	**123725**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.80**	J	0.090	1.0	1	07/15/2016 03:09
MTBE	---		0.0023	0.050	1	07/15/2016 03:09
Benzene	---		0.0010	0.0050	1	07/15/2016 03:09
Toluene	---		0.0012	0.0050	1	07/15/2016 03:09
Ethylbenzene	---		0.0020	0.0050	1	07/15/2016 03:09
Xylenes	---		0.0025	0.015	1	07/15/2016 03:09

Surrogates	REC (%)	Limits	
2-Fluorotoluene	96	70-130	07/15/2016 03:09

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/8/16-7/14/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 2.5-3	**1607345-023A**	**Soil**	**07/07/2016 12:28**	**GC19**	**123725**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.41**	J	0.090	1.0	1	07/15/2016 03:39
MTBE	---		0.0023	0.050	1	07/15/2016 03:39
Benzene	---		0.0010	0.0050	1	07/15/2016 03:39
Toluene	---		0.0012	0.0050	1	07/15/2016 03:39
Ethylbenzene	---		0.0020	0.0050	1	07/15/2016 03:39
Xylenes	---		0.0025	0.015	1	07/15/2016 03:39

Surrogates	REC (%)	Limits	
2-Fluorotoluene	99	70-130	07/15/2016 03:39

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 5.5-6	**1607345-024A**	**Soil**	**07/07/2016 12:34**	**GC19**	**123478**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**0.34**	J	0.090	1.0	1	07/13/2016 22:16
MTBE	---		0.0023	0.050	1	07/13/2016 22:16
Benzene	---		0.0010	0.0050	1	07/13/2016 22:16
Toluene	---		0.0012	0.0050	1	07/13/2016 22:16
Ethylbenzene	---		0.0020	0.0050	1	07/13/2016 22:16
Xylenes	---		0.0025	0.015	1	07/13/2016 22:16

Surrogates	REC (%)	Limits	
2-Fluorotoluene	96	70-130	07/13/2016 22:16

Analyst(s): IA

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/10/16-7/11/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	1607345-001A	Water	07/07/2016 09:12	GC3	123525

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**22**	J	11	50	1	07/10/2016 19:59
MTBE	---		0.36	5.0	1	07/10/2016 19:59
Benzene	---		0.070	0.50	1	07/10/2016 19:59
Toluene	---		0.14	0.50	1	07/10/2016 19:59
Ethylbenzene	---		0.070	0.50	1	07/10/2016 19:59
Xylenes	---		0.14	1.5	1	07/10/2016 19:59

Surrogates	REC (%)	Limits	
aaa-TFT	96	70-130	07/10/2016 19:59

Analyst(s): IA Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1607345-002A	Water	07/07/2016 09:39	GC3	123525

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**16**	J	11	50	1	07/10/2016 20:30
MTBE	---		0.36	5.0	1	07/10/2016 20:30
Benzene	---		0.070	0.50	1	07/10/2016 20:30
Toluene	---		0.14	0.50	1	07/10/2016 20:30
Ethylbenzene	---		0.070	0.50	1	07/10/2016 20:30
Xylenes	---		0.14	1.5	1	07/10/2016 20:30

Surrogates	REC (%)	Limits	
aaa-TFT	97	70-130	07/10/2016 20:30

Analyst(s): IA Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/10/16-7/11/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	**1607345-003A**	**Water**	**07/07/2016 10:01**	**GC3**	**123525**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**18**	J	11	50	1	07/10/2016 21:00
MTBE	**---**		0.36	5.0	1	07/10/2016 21:00
Benzene	**---**		0.070	0.50	1	07/10/2016 21:00
Toluene	**---**		0.14	0.50	1	07/10/2016 21:00
Ethylbenzene	**---**		0.070	0.50	1	07/10/2016 21:00
Xylenes	**---**		0.14	1.5	1	07/10/2016 21:00

Surrogates	REC (%)	Limits	
aaa-TFT	98	70-130	07/10/2016 21:00

Analyst(s): IA Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4	**1607345-004A**	**Water**	**07/07/2016 10:27**	**GC3**	**123525**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**16**	J	11	50	1	07/10/2016 21:31
MTBE	**---**		0.36	5.0	1	07/10/2016 21:31
Benzene	**---**		0.070	0.50	1	07/10/2016 21:31
Toluene	**---**		0.14	0.50	1	07/10/2016 21:31
Ethylbenzene	**---**		0.070	0.50	1	07/10/2016 21:31
Xylenes	**---**		0.14	1.5	1	07/10/2016 21:31

Surrogates	REC (%)	Limits	
aaa-TFT	98	70-130	07/10/2016 21:31

Analyst(s): IA Analytical Comments: b1

(Cont.)

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/10/16-7/11/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	1607345-005A	Water	07/07/2016 10:59	GC3	123525

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**20**	J	11	50	1	07/10/2016 22:01
MTBE	---		0.36	5.0	1	07/10/2016 22:01
Benzene	---		0.070	0.50	1	07/10/2016 22:01
Toluene	---		0.14	0.50	1	07/10/2016 22:01
Ethylbenzene	---		0.070	0.50	1	07/10/2016 22:01
Xylenes	---		0.14	1.5	1	07/10/2016 22:01

Surrogates	REC (%)	Limits	
aaa-TFT	98	70-130	07/10/2016 22:01

Analyst(s): IA Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	1607345-006A	Water	07/07/2016 11:46	GC3	123525

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g)	**24**	J	11	50	1	07/10/2016 22:32
MTBE	---		0.36	5.0	1	07/10/2016 22:32
Benzene	---		0.070	0.50	1	07/10/2016 22:32
Toluene	---		0.14	0.50	1	07/10/2016 22:32
Ethylbenzene	---		0.070	0.50	1	07/10/2016 22:32
Xylenes	---		0.14	1.5	1	07/10/2016 22:32

Surrogates	REC (%)	Limits	
aaa-TFT	98	70-130	07/10/2016 22:32

Analyst(s): IA Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW5030B
Date Prepared:	7/10/16-7/11/16	**Analytical Method:**	SW8021B/8015Bm
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	**1607345-007A**	**Water**	**07/07/2016 12:22**	**GC3**	**123509**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g)	**170**	11	50	1	07/11/2016 17:11
MTBE	**---**	0.36	5.0	1	07/11/2016 17:11
Benzene	**---**	0.070	0.50	1	07/11/2016 17:11
Toluene	**---**	0.14	0.50	1	07/11/2016 17:11
Ethylbenzene	**---**	0.070	0.50	1	07/11/2016 17:11
Xylenes	**---**	0.14	1.5	1	07/11/2016 17:11

Surrogates	REC (%)	Limits	
aaa-TFT	88	70-130	07/11/2016 17:11

Analyst(s): IA Analytical Comments: d7,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	**1607345-008A**	**Water**	**07/07/2016 12:58**	**GC3**	**123509**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g)	**270**	11	50	1	07/11/2016 17:43
MTBE	**---**	0.36	5.0	1	07/11/2016 17:43
Benzene	**---**	0.070	0.50	1	07/11/2016 17:43
Toluene	**---**	0.14	0.50	1	07/11/2016 17:43
Ethylbenzene	**---**	0.070	0.50	1	07/11/2016 17:43
Xylenes	**---**	0.14	1.5	1	07/11/2016 17:43

Surrogates	REC (%)	Limits	
aaa-TFT	87	70-130	07/11/2016 17:43

Analyst(s): IA Analytical Comments: d7,b6,b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 3.5-4	1607345-009A	Soil	07/07/2016 08:48	GC11A	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/11/2016 19:05
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/11/2016 19:05

Surrogates	REC (%)	Limits	
C9	102	70-130	07/11/2016 19:05

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1, 5.5-6	1607345-010A	Soil	07/07/2016 08:54	GC11B	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/11/2016 18:26
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/11/2016 18:26

Surrogates	REC (%)	Limits	
C9	95	70-130	07/11/2016 18:26

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2, 3.5-4	1607345-011A	Soil	07/07/2016 09:18	GC11A	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/11/2016 23:38
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/11/2016 23:38

Surrogates	REC (%)	Limits	
C9	102	70-130	07/11/2016 23:38

Analyst(s): TK

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2,5.5-6	1607345-012A	Soil	07/07/2016 09:23	GC11B	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/11/2016 19:44
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/11/2016 19:44

Surrogates	REC (%)	Limits	
C9	97	70-130	07/11/2016 19:44

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 3.5-4	1607345-013A	Soil	07/07/2016 09:42	GC11A	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/11/2016 19:44
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/11/2016 19:44

Surrogates	REC (%)	Limits	
C9	101	70-130	07/11/2016 19:44

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3, 5.5-6	1607345-014A	Soil	07/07/2016 09:46	GC11B	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/11/2016 21:02
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/11/2016 21:02

Surrogates	REC (%)	Limits	
C9	98	70-130	07/11/2016 21:02

Analyst(s): TK

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 3.5-4	1607345-015A	Soil	07/07/2016 10:07	GC11A	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/11/2016 21:02
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/11/2016 21:02

Surrogates	REC (%)	Limits	
C9	101	70-130	07/11/2016 21:02

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4, 5.5-6	1607345-016A	Soil	07/07/2016 10:11	GC11B	123457

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**0.77**	J	0.74	1.0	1	07/11/2016 23:38
TPH-Motor Oil (C18-C36)	ND		2.1	5.0	1	07/11/2016 23:38

Surrogates	REC (%)	Limits	
C9	98	70-130	07/11/2016 23:38

Analyst(s): TK

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1607345-001A**	**Water**	**07/07/2016 09:12**	**GC6A**	**123475**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND		24	50	1	07/11/2016 14:44
TPH-Motor Oil (C18-C36)	**77**	J	65	250	1	07/11/2016 14:44

Surrogates	REC (%)	Limits	
C9	112	70-130	07/11/2016 14:44

Analyst(s): TK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	**1607345-002A**	**Water**	**07/07/2016 09:39**	**GC11A**	**123475**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	24	50	1	07/11/2016 14:48
TPH-Motor Oil (C18-C36)	ND	65	250	1	07/11/2016 14:48

Surrogates	REC (%)	Limits	
C9	102	70-130	07/11/2016 14:48

Analyst(s): TK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	**1607345-003A**	**Water**	**07/07/2016 10:01**	**GC11B**	**123475**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	24	50	1	07/11/2016 14:48
TPH-Motor Oil (C18-C36)	ND	65	250	1	07/11/2016 14:48

Surrogates	REC (%)	Limits	
C9	97	70-130	07/11/2016 14:48

Analyst(s): TK Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4	**1607345-004A**	**Water**	**07/07/2016 10:27**	**GC6A**	**123475**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	24	50	1	07/11/2016 16:17
TPH-Motor Oil (C18-C36)	ND	65	250	1	07/11/2016 16:17

Surrogates	REC (%)	Limits	
C9	111	70-130	07/11/2016 16:17

Analyst(s): TK Analytical Comments: b1

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/ SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 3.5-4	**1607345-017A**	**Soil**	**07/07/2016 10:33**	**GC39B**	**123457**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2.1**	0.74	1.0	1	07/14/2016 06:42
TPH-Motor Oil (C18-C36)	**7.8**	2.1	5.0	1	07/14/2016 06:42
TPH-Hydraulic Oil (C18-C36)	**7.8**	2.1	5.0	1	07/14/2016 06:42

Surrogates	REC (%)	Limits	
C9	96	70-130	07/14/2016 06:42

Analyst(s): TK Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5, 4.5-5	**1607345-018A**	**Soil**	**07/07/2016 10:37**	**GC39B**	**123457**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**0.94**	J	0.74	1.0	1	07/14/2016 08:00
TPH-Motor Oil (C18-C36)	**7.0**		2.1	5.0	1	07/14/2016 08:00
TPH-Hydraulic Oil (C18-C36)	**7.0**		2.1	5.0	1	07/14/2016 08:00

Surrogates	REC (%)	Limits	
C9	96	70-130	07/14/2016 08:00

Analyst(s): TK Analytical Comments: e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 3.5-4	**1607345-019A**	**Soil**	**07/07/2016 11:09**	**GC39B**	**123457**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/14/2016 09:18
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/14/2016 09:18
TPH-Hydraulic Oil (C18-C36)	ND	2.1	5.0	1	07/14/2016 09:18

Surrogates	REC (%)	Limits	
C9	99	70-130	07/14/2016 09:18

Analyst(s): TK

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/ SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6, 5.5-6	1607345-020A	Soil	07/07/2016 11:13	GC39B	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	0.74	1.0	1	07/14/2016 10:53
TPH-Motor Oil (C18-C36)	ND	2.1	5.0	1	07/14/2016 10:53
TPH-Hydraulic Oil (C18-C36)	ND	2.1	5.0	1	07/14/2016 10:53

Surrogates	REC (%)	Limits	
C9	98	70-130	07/14/2016 10:53

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 2.5-3	1607345-021A	Soil	07/07/2016 11:57	GC39B	123457

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND		0.74	1.0	1	07/14/2016 11:32
TPH-Motor Oil (C18-C36)	**2.7**	J	2.1	5.0	1	07/14/2016 11:32
TPH-Hydraulic Oil (C18-C36)	**2.7**	J	2.1	5.0	1	07/14/2016 11:32

Surrogates	REC (%)	Limits	
C9	98	70-130	07/14/2016 11:32

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7, 5-5.5	1607345-022A	Soil	07/07/2016 12:02	GC39B	123457

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2.8**	0.74	1.0	1	07/14/2016 12:11
TPH-Motor Oil (C18-C36)	**7.6**	2.1	5.0	1	07/14/2016 12:11
TPH-Hydraulic Oil (C18-C36)	**7.6**	2.1	5.0	1	07/14/2016 12:11

Surrogates	REC (%)	Limits	
C9	99	70-130	07/14/2016 12:11

Analyst(s): TK Analytical Comments: e7,e2

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3550B/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/ SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 2.5-3	**1607345-023A**	**Soil**	**07/07/2016 12:28**	**GC9a**	**123457**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.1**	0.74	1.0	1	07/13/2016 18:22
TPH-Motor Oil (C18-C36)	**7.5**	2.1	5.0	1	07/13/2016 18:22
TPH-Hydraulic Oil (C18-C36)	**7.5**	2.1	5.0	1	07/13/2016 18:22

Surrogates	REC (%)	Limits	
C9	97	70-130	07/13/2016 18:22

Analyst(s): TK Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8, 5.5-6	**1607345-024A**	**Soil**	**07/07/2016 12:34**	**GC9a**	**123457**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.5**	0.74	1.0	1	07/13/2016 19:01
TPH-Motor Oil (C18-C36)	**6.7**	2.1	5.0	1	07/13/2016 19:01
TPH-Hydraulic Oil (C18-C36)	**6.7**	2.1	5.0	1	07/13/2016 19:01

Surrogates	REC (%)	Limits	
C9	98	70-130	07/13/2016 19:01

Analyst(s): TK Analytical Comments: e7,e2

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5	**1607345-005A**	**Water**	**07/07/2016 10:59**	**GC6B**	**123475**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	24	50	1	07/11/2016 16:17
TPH-Motor Oil (C18-C36)	ND	65	250	1	07/11/2016 16:17
TPH-Hydraulic Oil (C18-C36)	ND	65	250	1	07/11/2016 16:17

Surrogates	REC (%)	Limits	
C9	96	70-130	07/11/2016 16:17

Analyst(s): TK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-6	**1607345-006A**	**Water**	**07/07/2016 11:46**	**GC11A**	**123475**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	24	50	1	07/11/2016 17:08
TPH-Motor Oil (C18-C36)	ND	65	250	1	07/11/2016 17:08
TPH-Hydraulic Oil (C18-C36)	ND	65	250	1	07/11/2016 17:08

Surrogates	REC (%)	Limits	
C9	104	70-130	07/11/2016 17:08

Analyst(s): TK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-7	**1607345-007A**	**Water**	**07/07/2016 12:22**	**GC11B**	**123475**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**280**	24	50	1	07/11/2016 17:08
TPH-Motor Oil (C18-C36)	**740**	65	250	1	07/11/2016 17:08
TPH-Hydraulic Oil (C18-C36)	**740**	65	250	1	07/11/2016 17:08

Surrogates	REC (%)	Limits	
C9	100	70-130	07/11/2016 17:08

Analyst(s): TK Analytical Comments: e7,e2,e11/e4,e8,b1

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Received:	7/8/16 18:45	**Extraction Method:**	SW3510C/3630C
Date Prepared:	7/8/16	**Analytical Method:**	SW8015B
Project:	16-001-02; 1818 Everett St.	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-8	**1607345-008A**	**Water**	**07/07/2016 12:58**	**GC11A**	**123475**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**95**	24	50	1	07/11/2016 18:26
TPH-Motor Oil (C18-C36)	ND	65	250	1	07/11/2016 18:26
TPH-Hydraulic Oil (C18-C36)	ND	65	250	1	07/11/2016 18:26

Surrogates	REC (%)	Limits	
C9	104	70-130	07/11/2016 18:26

Analyst(s): TK Analytical Comments: e11,b1

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123440
Date Analyzed:	7/9/16	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123440 1607260-007AMS/MSD

QC Summary Report for SW8082

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aroclor1016	ND	-	0.0051	0.050	-	-	-	-
Aroclor1221	ND	-	0.033	0.050	-	-	-	-
Aroclor1232	ND	-	0.0032	0.050	-	-	-	-
Aroclor1242	ND	-	0.0035	0.050	-	-	-	-
Aroclor1248	ND	-	0.0036	0.050	-	-	-	-
Aroclor1254	ND	-	0.0022	0.050	-	-	-	-
Aroclor1260	ND	0.157	0.0085	0.050	0.15	-	105	70-130
PCBs, total	ND	-	0.033	0.050	-	-	-	-
Surrogate Recovery								
Decachlorobiphenyl	0.0506	0.0633			0.050	101	127	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aroclor1260	0.137	0.139	0.15	ND	91	93	70-130	1.22	20
Surrogate Recovery									
Decachlorobiphenyl	0.0520	0.0541	0.050		104	108	70-130	3.81	20

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123486
Date Analyzed:	7/12/16	**Extraction Method:**	SW3510C
Instrument:	GC20	**Analytical Method:**	SW8082
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123486

QC Summary Report for SW8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aroclor1016	ND	0.12	0.50	-	-	-
Aroclor1221	ND	0.18	0.50	-	-	-
Aroclor1232	ND	0.13	0.50	-	-	-
Aroclor1242	ND	0.080	0.50	-	-	-
Aroclor1248	ND	0.28	0.50	-	-	-
Aroclor1254	ND	0.16	0.50	-	-	-
Aroclor1260	ND	0.11	0.50	-	-	-
PCBs, total	ND	0.50	0.50	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	1.39			1.25	111	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aroclor1260	4.34	4.41	3.75	116	118	70-130	1.64	20
Surrogate Recovery								
Decachlorobiphenyl	1.39	1.42	1.25	111	114	70-130	2.78	20

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123492
Date Analyzed:	7/9/16	**Extraction Method:**	SW5035
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123492

QC Summary Report for SW8260B (Encore)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.078	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0020	0.010	-	-	-
Benzene	ND	0.0032	0.010	-	-	-
Bromobenzene	ND	0.0034	0.010	-	-	-
Bromochloromethane	ND	0.0030	0.010	-	-	-
Bromodichloromethane	ND	0.0024	0.010	-	-	-
Bromoform	ND	0.0016	0.010	-	-	-
Bromomethane	ND	0.0040	0.010	-	-	-
2-Butanone (MEK)	ND	0.011	0.040	-	-	-
t-Butyl alcohol (TBA)	ND	0.011	0.10	-	-	-
n-Butyl benzene	ND	0.0070	0.010	-	-	-
sec-Butyl benzene	ND	0.0068	0.010	-	-	-
tert-Butyl benzene	ND	0.0060	0.010	-	-	-
Carbon Disulfide	ND	0.0034	0.010	-	-	-
Carbon Tetrachloride	ND	0.0034	0.010	-	-	-
Chlorobenzene	ND	0.0036	0.010	-	-	-
Chloroethane	ND	0.0032	0.010	-	-	-
Chloroform	ND	0.0032	0.010	-	-	-
Chloromethane	ND	0.0034	0.010	-	-	-
2-Chlorotoluene	ND	0.0044	0.010	-	-	-
4-Chlorotoluene	ND	0.0042	0.010	-	-	-
Dibromochloromethane	ND	0.0022	0.010	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0024	0.0080	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0026	0.0080	-	-	-
Dibromomethane	ND	0.0028	0.010	-	-	-
1,2-Dichlorobenzene	ND	0.0028	0.010	-	-	-
1,3-Dichlorobenzene	ND	0.0036	0.010	-	-	-
1,4-Dichlorobenzene	ND	0.0036	0.010	-	-	-
Dichlorodifluoromethane	ND	0.0022	0.010	-	-	-
1,1-Dichloroethane	ND	0.0034	0.010	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0028	0.010	-	-	-
1,1-Dichloroethene	ND	0.0034	0.010	-	-	-
cis-1,2-Dichloroethene	ND	0.0030	0.010	-	-	-
trans-1,2-Dichloroethene	ND	0.0032	0.010	-	-	-
1,2-Dichloropropane	ND	0.0028	0.010	-	-	-
1,3-Dichloropropane	ND	0.0032	0.010	-	-	-
2,2-Dichloropropane	ND	0.0026	0.010	-	-	-
1,1-Dichloropropene	ND	0.0036	0.010	-	-	-
cis-1,3-Dichloropropene	ND	0.0030	0.010	-	-	-

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123492
Date Analyzed:	7/9/16	**Extraction Method:**	SW5035
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123492

QC Summary Report for SW8260B (Encore)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.0028	0.010	-	-	-
Diisopropyl ether (DIPE)	ND	0.0028	0.010	-	-	-
Ethylbenzene	ND	0.0040	0.010	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0026	0.010	-	-	-
Freon 113	ND	0.0032	0.010	-	-	-
Hexachlorobutadiene	ND	0.010	0.010	-	-	-
Hexachloroethane	ND	0.0050	0.010	-	-	-
2-Hexanone	ND	0.0050	0.010	-	-	-
Isopropylbenzene	ND	0.0044	0.010	-	-	-
4-Isopropyl toluene	ND	0.0062	0.010	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0026	0.010	-	-	-
Methylene chloride	ND	0.0072	0.010	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0016	0.010	-	-	-
Naphthalene	0.00142,J	0.0012	0.010	-	-	-
n-Propyl benzene	ND	0.0058	0.010	-	-	-
Styrene	ND	0.0028	0.010	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0032	0.010	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0026	0.010	-	-	-
Tetrachloroethene	ND	0.0046	0.010	-	-	-
Toluene	ND	0.0044	0.010	-	-	-
1,2,3-Trichlorobenzene	ND	0.0014	0.010	-	-	-
1,2,4-Trichlorobenzene	ND	0.0022	0.010	-	-	-
1,1,1-Trichloroethane	ND	0.0036	0.010	-	-	-
1,1,2-Trichloroethane	ND	0.0032	0.010	-	-	-
Trichloroethene	ND	0.0034	0.010	-	-	-
Trichlorofluoromethane	ND	0.0032	0.010	-	-	-
1,2,3-Trichloropropane	ND	0.0038	0.010	-	-	-
1,2,4-Trimethylbenzene	ND	0.0048	0.010	-	-	-
1,3,5-Trimethylbenzene	ND	0.0054	0.010	-	-	-
Vinyl Chloride	ND	0.0030	0.010	-	-	-
Xylenes, Total	ND	0.0050	0.010	-	-	-

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123492
Date Analyzed:	7/9/16	**Extraction Method:**	SW5035
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123492

QC Summary Report for SW8260B (Encore)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.258			0.25	103	70-130
Toluene-d8	0.284			0.25	114	70-130
4-BFB	0.0256			0.025	102	70-130
Benzene-d6	0.236			0.20	118	60-140
Ethylbenzene-d10	0.262			0.20	131	60-140
1,2-DCB-d4	0.195			0.20	97	60-140

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	0.0835	0.0819	0.10	84	82	53-116	1.97	20
Benzene	0.102	0.101	0.10	102	101	63-137	0.512	20
t-Butyl alcohol (TBA)	0.307	0.294	0.40	77	74	41-135	4.26	20
Chlorobenzene	0.0982	0.0968	0.10	98	97	77-121	1.52	20
1,2-Dibromoethane (EDB)	0.0861	0.0836	0.10	86	84	67-119	2.92	20
1,2-Dichloroethane (1,2-DCA)	0.0962	0.0955	0.10	96	95	58-135	0.755	20
1,1-Dichloroethene	0.0980	0.0978	0.10	98	98	42-145	0	20
Diisopropyl ether (DIPE)	0.0945	0.0942	0.10	94	94	52-129	0	20
Ethyl tert-butyl ether (ETBE)	0.0906	0.0898	0.10	91	90	53-125	0.859	20
Methyl-t-butyl ether (MTBE)	0.0877	0.0864	0.10	88	86	58-122	1.45	20
Toluene	0.0978	0.0987	0.10	98	99	76-130	0.924	20
Trichloroethene	0.121	0.124	0.10	121	124	72-132	2.54	20
Surrogate Recovery								
Dibromofluoromethane	0.266	0.266	0.25	107	106	70-130	0.157	20
Toluene-d8	0.280	0.282	0.25	112	113	70-130	0.824	20
4-BFB	0.0254	0.0259	0.025	102	103	70-130	1.86	20
Benzene-d6	0.240	0.237	0.20	120	119	60-140	1.47	20
Ethylbenzene-d10	0.258	0.250	0.20	129	125	60-140	3.30	20
1,2-DCB-d4	0.194	0.187	0.20	97	94	60-140	3.38	20

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/13/16	**BatchID:**	123681
Date Analyzed:	7/14/16	**Extraction Method:**	SW3510C
Instrument:	GC35	**Analytical Method:**	SW8270C-SIM
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123681

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.26	0.50	-	-	-
Acenaphthylene	ND	0.23	0.50	-	-	-
Anthracene	ND	0.24	0.50	-	-	-
Benzo (a) anthracene	ND	0.23	0.50	-	-	-
Benzo (a) pyrene	ND	0.20	0.50	-	-	-
Benzo (b) fluoranthene	ND	0.19	0.50	-	-	-
Benzo (g,h,i) perylene	ND	0.24	0.50	-	-	-
Benzo (k) fluoranthene	ND	0.21	0.50	-	-	-
Chrysene	ND	0.26	0.50	-	-	-
Dibenzo (a,h) anthracene	ND	0.17	0.50	-	-	-
Fluoranthene	ND	0.23	0.50	-	-	-
Fluorene	ND	0.25	0.50	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.18	0.50	-	-	-
1-Methylnaphthalene	ND	0.26	0.50	-	-	-
2-Methylnaphthalene	ND	0.26	0.50	-	-	-
Naphthalene	ND	0.26	0.50	-	-	-
Phenanthrene	ND	0.27	0.50	-	-	-
Pyrene	ND	0.22	0.50	-	-	-
Surrogate Recovery						
1-Fluoronaphthalene	18.3			25	73	45-129
2-Fluorobiphenyl	18.7			25	75	47-125

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Benzo (a) pyrene	7.98	8.29	10	80	83	12-152	3.77	25
Chrysene	6.52	6.74	10	65	67	28-116	3.30	25
1-Methylnaphthalene	8.72	8.80	10	87	88	48-125	0.898	25
2-Methylnaphthalene	8.00	8.02	10	80	80	41-124	0	25
Phenanthrene	7.67	7.83	10	77	78	36-123	2.05	25
Pyrene	6.94	7.09	10	69	71	29-118	2.14	25
Surrogate Recovery								
1-Fluoronaphthalene	17.8	18.3	25	71	73	45-129	2.55	25
2-Fluorobiphenyl	18.2	18.7	25	73	75	47-125	2.50	25

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/9/16	**BatchID:**	123509
Date Analyzed:	7/9/16	**Extraction Method:**	SW5030B
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123509 1607150-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	59.3	40	40	60	-	99	70-130
MTBE	ND	8.23	0.36	5.0	10	-	82	70-130
Benzene	ND	8.81	0.070	0.50	10	-	88	70-130
Toluene	ND	8.53	0.14	0.50	10	-	85	70-130
Ethylbenzene	ND	8.89	0.070	0.50	10	-	89	70-130
Xylenes	0.223,J	28.1	0.14	1.5	30	-	94	70-130
Surrogate Recovery								
aaa-TFT	9.35	9.59			10	94	96	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	57.8	60.6	60	ND	96	101	70-130	4.72	20
MTBE	8.12	8.70	10	ND	51,F1	56,F1	70-130	6.90	20
Benzene	9.11	9.23	10	ND	91	92	70-130	1.30	20
Toluene	8.56	8.80	10	ND	86	88	70-130	2.67	20
Ethylbenzene	8.75	9.12	10	ND	87	91	70-130	4.13	20
Xylenes	26.9	28.4	30	ND	90	95	70-130	5.32	20
Surrogate Recovery									
aaa-TFT	9.94	9.83	10		99	98	70-130	1.12	20

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/9/16	**BatchID:**	123512
Date Analyzed:	7/9/16	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123512 1607345-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	3.18,J	-	1.7	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	10.5	0.22	0.50	10	-	105	54-140
Benzene	ND	10.8	0.051	0.50	10	-	108	47-158
Bromobenzene	ND	-	0.060	0.50	-	-	-	-
Bromochloromethane	ND	-	0.090	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.20	0.50	-	-	-	-
Bromoform	ND	-	0.066	0.50	-	-	-	-
Bromomethane	ND	-	0.16	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	0.49	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	35.3	0.94	2.0	40	-	88	42-140
n-Butyl benzene	ND	-	0.084	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.060	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.050	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.066	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.069	0.50	-	-	-	-
Chlorobenzene	ND	10.8	0.050	0.50	10	-	108	43-157
Chloroethane	ND	-	0.31	0.50	-	-	-	-
Chloroform	ND	-	0.064	0.50	-	-	-	-
Chloromethane	ND	-	0.13	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.070	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.070	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.080	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.12	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	10.4	0.12	0.50	10	-	104	44-155
Dibromomethane	ND	-	0.080	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.080	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.071	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.072	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.063	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.060	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	11.0	0.090	0.50	10	-	110	66-125
1,1-Dichloroethene	ND	10.7	0.086	0.50	10	-	107	47-149
cis-1,2-Dichloroethene	ND	-	0.050	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.060	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.055	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.10	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.10	0.50	-	-	-	-

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/9/16	**BatchID:**	123512
Date Analyzed:	7/9/16	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123512 1607345-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	-	0.060	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.090	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.070	0.50	-	-	-	-
Diisopropyl ether (DIPE)	ND	9.92	0.070	0.50	10	-	99	57-136
Ethanol	ND	-	22	50	-	-	-	-
Ethylbenzene	ND	-	0.050	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	10.5	0.070	0.50	10	-	105	55-137
Freon 113	ND	-	0.066	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.085	0.50	-	-	-	-
Hexachloroethane	ND	-	0.060	0.50	-	-	-	-
2-Hexanone	ND	-	0.44	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.070	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.050	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	10.3	0.10	0.50	10	-	103	53-139
Methylene chloride	ND	-	0.052	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.24	0.50	-	-	-	-
Naphthalene	ND	-	0.16	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.060	0.50	-	-	-	-
Styrene	ND	-	0.060	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.070	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.11	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.082	0.50	-	-	-	-
Toluene	ND	10.6	0.040	0.50	10	-	106	52-137
1,2,3-Trichlorobenzene	ND	-	0.11	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.086	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.050	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.080	0.50	-	-	-	-
Trichloroethene	ND	11.5	0.060	0.50	10	-	115	43-157
Trichlorofluoromethane	ND	-	0.047	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.14	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.065	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.070	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.070	0.50	-	-	-	-
Xylenes, Total	ND	-	0.25	0.50	-	-	-	-

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/9/16	**BatchID:**	123512
Date Analyzed:	7/9/16	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123512 1607345-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery								
Dibromofluoromethane	29.1	29.2			25	116	117	70-130
Toluene-d8	27.2	27.4			25	109	109	70-130
4-BFB	2.46	2.54			2.5	98	102	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	11.0	11.0	10	ND	110	110	69-139	0	20
Benzene	10.2	9.51	10	ND	102	95	69-141	6.93	20
t-Butyl alcohol (TBA)	46.4	46.1	40	ND	116	115	41-152	0.537	20
Chlorobenzene	10.0	9.54	10	ND	100	95	77-120	4.66	20
1,2-Dibromoethane (EDB)	10.6	10.3	10	ND	106	103	76-135	2.19	20
1,2-Dichloroethane (1,2-DCA)	11.4	10.8	10	ND	114	108	73-139	5.61	20
1,1-Dichloroethene	9.92	9.18	10	ND	99	92	59-140	7.82	20
Diisopropyl ether (DIPE)	9.91	9.34	10	ND	99	93	72-140	5.92	20
Ethyl tert-butyl ether (ETBE)	10.7	10.2	10	ND	107	102	71-140	4.49	20
Methyl-t-butyl ether (MTBE)	10.9	10.6	10	ND	107	104	73-139	2.78	20
Toluene	9.72	9.10	10	ND	97	91	71-128	6.55	20
Trichloroethene	10.7	10.0	10	ND	107	100	64-132	6.12	20
Surrogate Recovery									
Dibromofluoromethane	30.3	30.0	25		121	120	73-131	0.743	20
Toluene-d8	26.9	26.9	25		108	108	72-117	0	20
4-BFB	2.52	2.52	2.5		101	101	74-116	0	20

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/10/16	**BatchID:**	123525
Date Analyzed:	7/10/16	**Extraction Method:**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123525 1607290-003AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	57.6	40	40	60	-	96	70-130
MTBE	ND	9.33	0.36	5.0	10	-	93	70-130
Benzene	ND	9.52	0.070	0.50	10	-	95	70-130
Toluene	ND	9.78	0.14	0.50	10	-	98	70-130
Ethylbenzene	ND	9.98	0.070	0.50	10	-	100	70-130
Xylenes	ND	29.9	0.14	1.5	30	-	100	70-130
Surrogate Recovery								
aaa-TFT	9.50	9.25			10	95	92	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	57.2	59.2	60	ND	95	99	70-130	3.56	20
MTBE	10.3	11.3	10	ND	103	113	70-130	9.60	20
Benzene	9.85	11.0	10	ND	99	110	70-130	11.0	20
Toluene	10.1	10.6	10	ND	101	106	70-130	5.26	20
Ethylbenzene	10.4	10.8	10	ND	104	108	70-130	4.02	20
Xylenes	31.2	32.0	30	ND	104	107	70-130	2.80	20
Surrogate Recovery									
aaa-TFT	9.35	9.85	10		93	99	70-130	5.22	20

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/11/16	**BatchID:**	123564
Date Analyzed:	7/12/16 - 7/14/16	**Extraction Method:**	SW3550B
Instrument:	GC17, GC35	**Analytical Method:**	SW8270C-SIM
Matrix:	Soil	**Unit:**	mg/kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123564 1607224-013AMS/MSD

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	-	0.0026	0.010	-	-	-	-
Acenaphthylene	ND	-	0.0034	0.010	-	-	-	-
Anthracene	ND	-	0.0029	0.010	-	-	-	-
Benzo (a) anthracene	ND	-	0.0017	0.010	-	-	-	-
Benzo (a) pyrene	ND	0.180	0.0027	0.010	0.20	-	90	23-129
Benzo (b) fluoranthene	ND	-	0.0015	0.010	-	-	-	-
Benzo (g,h,i) perylene	ND	-	0.0033	0.010	-	-	-	-
Benzo (k) fluoranthene	0.00348,J	-	0.0016	0.010	-	-	-	-
Chrysene	ND	0.163	0.0024	0.010	0.20	-	81	38-104
Dibenzo (a,h) anthracene	0.00693,J	-	0.0050	0.010	-	-	-	-
Fluoranthene	ND	-	0.0040	0.010	-	-	-	-
Fluorene	ND	-	0.0060	0.010	-	-	-	-
Indeno (1,2,3-cd) pyrene	ND	-	0.0049	0.010	-	-	-	-
1-Methylnaphthalene	ND	0.186	0.0029	0.010	0.20	-	93	59-106
2-Methylnaphthalene	ND	0.172	0.0020	0.010	0.20	-	86	54-108
Naphthalene	ND	-	0.0016	0.010	-	-	-	-
Phenanthrene	ND	0.168	0.0035	0.010	0.20	-	84	48-107
Pyrene	ND	0.173	0.0045	0.010	0.20	-	87	40-104
Surrogate Recovery								
1-Fluoronaphthalene	0.438	0.363			0.50	88	73	63-123
2-Fluorobiphenyl	0.464	0.354			0.50	93	71	55-127

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Benzo (a) pyrene	NR	NR		ND<0.1	NR	NR	-	NR	
Chrysene	NR	NR		ND<0.1	NR	NR	-	NR	
1-Methylnaphthalene	NR	NR		ND<0.1	NR	NR	-	NR	
2-Methylnaphthalene	NR	NR		ND<0.1	NR	NR	-	NR	
Phenanthrene	NR	NR		ND<0.1	NR	NR	-	NR	
Pyrene	NR	NR		ND<0.1	NR	NR	-	NR	
Surrogate Recovery									
1-Fluoronaphthalene	NR	NR			NR	NR	-	NR	
2-Fluorobiphenyl	NR	NR			NR	NR	-	NR	

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/11/16	**BatchID:**	123571
Date Analyzed:	7/11/16	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123571

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	3.79	0.14	0.25	5	-	76	46-118
Acenaphthylene	ND	-	0.14	0.25	-	-	-	-
Acetochlor	ND	-	0.25	0.25	-	-	-	-
Anthracene	ND	-	0.14	0.25	-	-	-	-
Benzidine	ND	-	0.23	1.3	-	-	-	-
Benzo (a) anthracene	ND	-	0.14	0.25	-	-	-	-
Benzo (a) pyrene	ND	-	0.14	0.25	-	-	-	-
Benzo (b) fluoranthene	ND	-	0.14	0.25	-	-	-	-
Benzo (g,h,i) perylene	ND	-	0.15	0.25	-	-	-	-
Benzo (k) fluoranthene	ND	-	0.16	0.25	-	-	-	-
Benzyl Alcohol	ND	-	0.51	1.3	-	-	-	-
1,1-Biphenyl	ND	-	0.15	0.25	-	-	-	-
Bis (2-chloroethoxy) Methane	ND	-	0.14	0.25	-	-	-	-
Bis (2-chloroethyl) Ether	ND	-	0.13	0.25	-	-	-	-
Bis (2-chloroisopropyl) Ether	ND	-	0.12	0.25	-	-	-	-
Bis (2-ethylhexyl) Adipate	ND	-	0.25	0.25	-	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	-	0.13	0.25	-	-	-	-
4-Bromophenyl Phenyl Ether	ND	-	0.16	0.25	-	-	-	-
Butylbenzyl Phthalate	ND	-	0.13	0.25	-	-	-	-
4-Chloroaniline	ND	-	0.13	0.50	-	-	-	-
4-Chloro-3-methylphenol	ND	4.27	0.12	0.25	5	-	85	49-123
2-Chloronaphthalene	ND	-	0.16	0.25	-	-	-	-
2-Chlorophenol	ND	4.06	0.14	0.25	5	-	81	55-116
4-Chlorophenyl Phenyl Ether	ND	-	0.15	0.25	-	-	-	-
Chrysene	ND	-	0.14	0.25	-	-	-	-
Dibenzo (a,h) anthracene	ND	-	0.16	0.25	-	-	-	-
Dibenzofuran	ND	-	0.13	0.25	-	-	-	-
Di-n-butyl Phthalate	ND	-	0.13	0.25	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.12	0.25	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.14	0.25	-	-	-	-
1,4-Dichlorobenzene	ND	3.56	0.13	0.25	5	-	71	50-102
3,3-Dichlorobenzidine	ND	-	0.12	0.50	-	-	-	-
2,4-Dichlorophenol	ND	-	0.13	0.25	-	-	-	-
Diethyl Phthalate	ND	-	0.14	0.25	-	-	-	-
2,4-Dimethylphenol	ND	-	0.13	0.25	-	-	-	-
Dimethyl Phthalate	ND	-	0.14	0.25	-	-	-	-
4,6-Dinitro-2-methylphenol	ND	-	0.13	1.3	-	-	-	-

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/11/16	**BatchID:**	123571
Date Analyzed:	7/11/16	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123571

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
2,4-Dinitrophenol	ND	-	1.3	6.3	-	-	-	-
2,4-Dinitrotoluene	ND	4.10	0.13	0.25	5	-	82	47-117
2,6-Dinitrotoluene	ND	-	0.14	0.25	-	-	-	-
Di-n-octyl Phthalate	ND	-	0.14	0.50	-	-	-	-
1,2-Diphenylhydrazine	ND	-	0.16	0.25	-	-	-	-
Fluoranthene	ND	-	0.13	0.25	-	-	-	-
Fluorene	ND	-	0.14	0.25	-	-	-	-
Hexachlorobenzene	ND	-	0.17	0.25	-	-	-	-
Hexachlorobutadiene	ND	-	0.15	0.25	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.73	1.3	-	-	-	-
Hexachloroethane	ND	-	0.14	0.25	-	-	-	-
Indeno (1,2,3-cd) pyrene	ND	-	0.14	0.25	-	-	-	-
Isophorone	ND	-	0.12	0.25	-	-	-	-
2-Methylnaphthalene	ND	-	0.14	0.25	-	-	-	-
2-Methylphenol (o-Cresol)	ND	-	0.14	0.25	-	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	-	0.12	0.25	-	-	-	-
Naphthalene	ND	-	0.13	0.25	-	-	-	-
2-Nitroaniline	ND	-	0.62	1.3	-	-	-	-
3-Nitroaniline	ND	-	0.59	1.3	-	-	-	-
4-Nitroaniline	ND	-	0.55	1.3	-	-	-	-
Nitrobenzene	ND	-	0.14	0.25	-	-	-	-
2-Nitrophenol	ND	-	0.64	1.3	-	-	-	-
4-Nitrophenol	ND	3.62	0.41	1.3	5	-	72	40-102
N-Nitrosodiphenylamine	ND	-	0.16	0.25	-	-	-	-
N-Nitrosodi-n-propylamine	ND	3.84	0.13	0.25	5	-	77	47-108
Pentachlorophenol	ND	3.92	0.32	1.3	5	-	78	39-134
Phenanthrene	ND	-	0.14	0.25	-	-	-	-
Phenol	ND	3.76	0.12	0.25	5	-	75	49-107
Pyrene	ND	4.25	0.13	0.25	5	-	85	55-124
1,2,4-Trichlorobenzene	ND	4.03	0.14	0.25	5	-	81	51-121
2,4,5-Trichlorophenol	ND	-	0.12	0.25	-	-	-	-
2,4,6-Trichlorophenol	ND	-	0.14	0.25	-	-	-	-

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/11/16	**BatchID:**	123571
Date Analyzed:	7/11/16	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123571

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery								
2-Fluorophenol	5.04	4.43			5	101	89	47-125
Phenol-d5	4.76	4.19			5	95	84	45-117
Nitrobenzene-d5	4.36	4.06			5	87	81	39-121
2-Fluorobiphenyl	4.18	3.82			5	84	76	35-120
2,4,6-Tribromophenol	4.06	3.80			5	81	76	32-111
4-Terphenyl-d14	4.01	3.66			5	80	73	32-128

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/11/16	**BatchID:**	123570
Date Analyzed:	7/11/16	**Extraction Method:**	E625
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123570

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.24	2.0	-	-	-
Acenaphthylene	ND	0.26	2.0	-	-	-
Acetochlor	ND	1.0	2.0	-	-	-
Anthracene	ND	0.15	2.0	-	-	-
Benzidine	ND	0.29	10	-	-	-
Benzo (a) anthracene	ND	0.16	2.0	-	-	-
Benzo (a) pyrene	ND	0.17	2.0	-	-	-
Benzo (b) fluoranthene	ND	0.16	2.0	-	-	-
Benzo (g,h,i) perylene	ND	0.18	2.0	-	-	-
Benzo (k) fluoranthene	ND	0.20	2.0	-	-	-
Benzyl Alcohol	ND	1.5	10	-	-	-
1,1-Biphenyl	ND	0.26	2.0	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.30	2.0	-	-	-
Bis (2-chloroethyl) Ether	ND	0.24	2.0	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.28	2.0	-	-	-
Bis (2-ethylhexyl) Adipate	ND	2.0	2.0	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.34	4.0	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.17	10	-	-	-
Butylbenzyl Phthalate	ND	0.29	2.0	-	-	-
4-Chloroaniline	ND	0.33	4.0	-	-	-
4-Chloro-3-methylphenol	ND	0.27	10	-	-	-
2-Chloronaphthalene	ND	0.25	2.0	-	-	-
2-Chlorophenol	ND	0.26	2.0	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.20	2.0	-	-	-
Chrysene	ND	0.18	2.0	-	-	-
Dibenzo (a,h) anthracene	ND	0.19	2.0	-	-	-
Dibenzofuran	ND	0.21	2.0	-	-	-
Di-n-butyl Phthalate	ND	0.30	2.0	-	-	-
1,2-Dichlorobenzene	ND	0.23	2.0	-	-	-
1,3-Dichlorobenzene	ND	0.22	2.0	-	-	-
1,4-Dichlorobenzene	ND	0.22	2.0	-	-	-
3,3-Dichlorobenzidine	ND	0.14	4.0	-	-	-
2,4-Dichlorophenol	ND	0.28	2.0	-	-	-
Diethyl Phthalate	ND	0.15	2.0	-	-	-
2,4-Dimethylphenol	ND	0.098	2.0	-	-	-
Dimethyl Phthalate	ND	0.18	2.0	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.98	10	-	-	-
2,4-Dinitrophenol	ND	0.87	25	-	-	-
2,4-Dinitrotoluene	ND	0.17	2.0	-	-	-

(Cont.)

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QA/QC Officer

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/11/16	**BatchID:**	123570
Date Analyzed:	7/11/16	**Extraction Method:**	E625
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123570

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,6-Dinitrotoluene	ND	0.20	2.0	-	-	-
Di-n-octyl Phthalate	ND	0.27	2.0	-	-	-
1,2-Diphenylhydrazine	ND	0.16	2.0	-	-	-
Fluoranthene	ND	0.18	2.0	-	-	-
Fluorene	ND	0.20	2.0	-	-	-
Hexachlorobenzene	ND	0.18	2.0	-	-	-
Hexachlorobutadiene	ND	0.24	2.0	-	-	-
Hexachlorocyclopentadiene	ND	1.2	10	-	-	-
Hexachloroethane	ND	0.29	2.0	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.19	2.0	-	-	-
Isophorone	ND	0.32	2.0	-	-	-
2-Methylnaphthalene	ND	0.29	2.0	-	-	-
2-Methylphenol (o-Cresol)	ND	0.19	2.0	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.19	2.0	-	-	-
Naphthalene	ND	0.24	2.0	-	-	-
2-Nitroaniline	ND	1.3	10	-	-	-
3-Nitroaniline	ND	1.2	10	-	-	-
4-Nitroaniline	ND	1.2	10	-	-	-
Nitrobenzene	ND	0.32	2.0	-	-	-
2-Nitrophenol	ND	1.4	10	-	-	-
4-Nitrophenol	ND	1.7	10	-	-	-
N-Nitrosodiphenylamine	ND	0.18	2.0	-	-	-
N-Nitrosodi-n-propylamine	ND	0.35	2.0	-	-	-
Pentachlorophenol	ND	0.50	10	-	-	-
Phenanthrene	ND	0.22	2.0	-	-	-
Phenol	ND	0.34	2.0	-	-	-
Pyrene	ND	0.24	2.0	-	-	-
1,2,4-Trichlorobenzene	ND	0.22	2.0	-	-	-
2,4,5-Trichlorophenol	ND	0.21	2.0	-	-	-
2,4,6-Trichlorophenol	ND	0.23	2.0	-	-	-
Surrogate Recovery						
2-Fluorophenol	22.7			20	114	29-140
Phenol-d5	24.0			20	120	38-148
Nitrobenzene-d5	20.3			20	102	31-152
2-Fluorobiphenyl	19.0			20	95	40-140
2,4,6-Tribromophenol	22.3			20	111	39-150
4-Terphenyl-d14	19.5			20	97	38-147

(Cont.)

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/11/16	**BatchID:**	123570
Date Analyzed:	7/11/16	**Extraction Method:**	E625
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123570

QC Summary Report for SW8270C

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	9.26	8.88	10	93	89	63-119	4.21	25
4-Chloro-3-methylphenol	11.0	10.5	10	110	105	69-127	4.50	25
2-Chlorophenol	9.39	8.72	10	94	87	49-119	7.36	25
1,4-Dichlorobenzene	8.88	8.56	10	89	86	43-114	3.66	25
2,4-Dinitrotoluene	9.77	9.45	10	98	95	68-125	3.35	25
4-Nitrophenol	51.8	51.8	50	104	104	60-126	0	25
N-Nitrosodi-n-propylamine	10.3	9.67	10	103	97	61-120	6.48	25
Pentachlorophenol	17.8	17.7	20	89	88	50-146	0.427	25
Phenol	9.80	9.28	10	98	93	52-119	5.42	25
Pyrene	9.97	9.29	10	100	93	67-132	7.10	25
1,2,4-Trichlorobenzene	9.09	8.81	10	91	88	50-121	3.17	25
Surrogate Recovery								
2-Fluorophenol	20.1	19.2	20	101	96	29-140	4.50	25
Phenol-d5	22.4	21.0	20	112	105	38-148	6.52	25
Nitrobenzene-d5	20.4	19.6	20	102	98	31-152	4.04	25
2-Fluorobiphenyl	18.6	18.2	20	93	91	40-140	2.52	25
2,4,6-Tribromophenol	21.1	21.0	20	105	105	39-150	0	25
4-Terphenyl-d14	21.1	19.4	20	105	97	38-147	8.53	25

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123478
Date Analyzed:	7/9/16	**Extraction Method:**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123478 1607330-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.607	0.40	0.40	0.60	-	101	70-130
MTBE	ND	0.0815	0.0023	0.050	0.10	-	82	70-130
Benzene	ND	0.0912	0.0010	0.0050	0.10	-	91	70-130
Toluene	0.00447,J	0.0961	0.0012	0.0050	0.10	-	96	70-130
Ethylbenzene	ND	0.0966	0.0020	0.0050	0.10	-	97	70-130
Xylenes	0.00417,J	0.290	0.0025	0.015	0.30	-	97	70-130
Surrogate Recovery								
2-Fluorotoluene	0.0962	0.0953			0.10	96	95	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.546	0.540	0.60	ND	91	90	70-130	1.03	20
MTBE	0.0688	0.0710	0.10	ND	69,F1	71	70-130	3.09	20
Benzene	0.0742	0.0804	0.10	ND	74	80	70-130	8.11	20
Toluene	0.0856	0.0876	0.10	ND	86	88	70-130	2.22	20
Ethylbenzene	0.0874	0.0880	0.10	ND	87	88	70-130	0.730	20
Xylenes	0.275	0.276	0.30	0.016	92	92	70-130	0	20
Surrogate Recovery									
2-Fluorotoluene	0.0838	0.0860	0.10		84	86	70-130	2.58	20

(Cont.)

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/13/16	**BatchID:**	123725
Date Analyzed:	7/14/16	**Extraction Method:**	SW5030B
Instrument:	GC19	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123725

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.621	0.40	0.40	0.60	-	104	70-130
MTBE	ND	0.0978	0.0023	0.050	0.10	-	98	70-130
Benzene	ND	0.0998	0.0010	0.0050	0.10	-	100	70-130
Toluene	ND	0.101	0.0012	0.0050	0.10	-	101	70-130
Ethylbenzene	ND	0.104	0.0020	0.0050	0.10	-	104	70-130
Xylenes	ND	0.314	0.0025	0.015	0.30	-	105	70-130
Surrogate Recovery								
2-Fluorotoluene	0.106	0.102			0.10	106	102	70-130

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123457
Date Analyzed:	7/8/16 - 7/11/16	**Extraction Method:**	SW3550B/3630C
Instrument:	GC11B, GC6A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS-123457 1607280-001AMS/MSD

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	43.8	0.74	1.0	40	-	109	70-130
TPH-Motor Oil (C18-C36)	ND	-	2.1	5.0	-	-	-	-
Surrogate Recovery								
C9	28.2	24.3			25	113	97	62-139

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	NR	NR	40	3.4	NR	NR	70-130	NR	30
Surrogate Recovery									
C9	NR	NR	25		NR	NR	70-130	NR	30

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Quality Control Report

Client:	ERAS Environmental, Inc.	**WorkOrder:**	1607345
Date Prepared:	7/8/16	**BatchID:**	123475
Date Analyzed:	7/9/16	**Extraction Method:**	SW3510C/3630C
Instrument:	GC6B	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	16-001-02; 1818 Everett St.	**Sample ID:**	MB/LCS/LCSD-123475

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	24	50	-	-	-
TPH-Motor Oil (C18-C36)	ND	65	250	-	-	-
Surrogate Recovery						
C9	522			625	83	65-122

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1250	1240	1000	125	124	59-151	1.20	30
Surrogate Recovery								
C9	565	559	625	90	89	65-122	1.10	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1607345 **ClientCode: ERAS**

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Report to:
Andrew Savage
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541
(510) 247-9885 FAX: (510) 886-5399

Email: info@eras.biz; andrew@eras.biz
cc/3rd Party:
PO:
ProjectNo: 16-001-02; 1818 Everett St.

Bill to:
Kasey Cordoza
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541

Requested TAT: **5 days;**

Date Received: **07/08/2016**
Date Logged: **07/08/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1607345-001	B-1	Water	7/7/2016 9:12	☐				B						A	B	
1607345-002	B-2	Water	7/7/2016 9:39	☐				B						A		
1607345-003	B-3	Water	7/7/2016 10:01	☐				B						A		
1607345-004	B-4	Water	7/7/2016 10:27	☐				B						A		
1607345-005	B-5	Water	7/7/2016 10:59	☐		E		B		D		C		A		
1607345-006	B-6	Water	7/7/2016 11:46	☐		E		B		D		C		A		
1607345-007	B-7	Water	7/7/2016 12:22	☐		E		B		D		C		A		
1607345-008	B-8	Water	7/7/2016 12:58	☐		E		B		D		C		A		
1607345-009	B-1, 3.5-4	Soil	7/7/2016 8:48	☐									A			A
1607345-009	B-1, 4	Soil	7/7/2016 8:48	☐			B									
1607345-010	B-1, 5.5-6	Soil	7/7/2016 8:54	☐									A			A
1607345-010	B-1, 6	Soil	7/7/2016 8:54	☐			B									
1607345-011	B-2, 3.5-4	Soil	7/7/2016 9:18	☐									A			A
1607345-011	B-2, 4	Soil	7/7/2016 9:18	☐			B									
1607345-012	B-2,5.5-6	Soil	7/7/2016 9:23	☐									A			A

Test Legend:

1	8082_PCB_S	2	8082_PCB_W	3	8260B_E	4	8260B_W
5	8270_PNA_S	6	8270_PNA_W	7	8270_S	8	8270_W
9	G-MBTEX_S	10	G-MBTEX_W	11	PREDF REPORT	12	TPH(DMO)WSG_S

Prepared by: Jena Alfaro

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A, 021A, 022A, 023A, 024A contain testgroup.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1607345 **ClientCode: ERAS**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

Report to:
Andrew Savage
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541
(510) 247-9885 FAX: (510) 886-5399

Email: info@eras.biz; andrew@eras.biz
cc/3rd Party:
PO:
ProjectNo: 16-001-02; 1818 Everett St.

Bill to:
Kasey Cordoza
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541

Requested TAT: 5 days;

Date Received: **07/08/2016**
Date Logged: **07/08/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1607345-012	B-2,6	Soil	7/7/2016 9:23	☐			B									
1607345-013	B-3, 3.5-4	Soil	7/7/2016 9:42	☐									A			A
1607345-013	B-3, 4	Soil	7/7/2016 9:42	☐			B									
1607345-014	B-3, 5.5-6	Soil	7/7/2016 9:46	☐									A			A
1607345-014	B-3, 6	Soil	7/7/2016 9:46	☐			B									
1607345-015	B-4, 3.5-4	Soil	7/7/2016 10:07	☐									A			A
1607345-015	B-4, 4	Soil	7/7/2016 10:07	☐			B									
1607345-016	B-4, 5.5-6	Soil	7/7/2016 10:11	☐									A			A
1607345-016	B-4, 6	Soil	7/7/2016 10:11	☐			B									
1607345-017	B-5, 3.5-4	Soil	7/7/2016 10:33	☐	A				A		A		A			
1607345-017	B-5, 4	Soil	7/7/2016 10:33	☐			B									
1607345-018	B-5, 4.5-5	Soil	7/7/2016 10:37	☐	A				A		A		A			
1607345-018	B-5, 5	Soil	7/7/2016 10:37	☐			B									
1607345-019	B-6, 3.5-4	Soil	7/7/2016 11:09	☐	A				A		A		A			
1607345-019	B-6, 4	Soil	7/7/2016 11:09	☐			B									

Test Legend:

1	8082_PCB_S	2	8082_PCB_W	3	8260B_E	4	8260B_W
5	8270_PNA_S	6	8270_PNA_W	7	8270_S	8	8270_W
9	G-MBTEX_S	10	G-MBTEX_W	11	PREDF REPORT	12	TPH(DMO)WSG_S

Prepared by: Jena Alfaro

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A, 021A, 022A, 023A, 024A contain testgroup.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1607345 **ClientCode: ERAS**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

Report to:
Andrew Savage
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541
(510) 247-9885 FAX: (510) 886-5399

Email: info@eras.biz; andrew@eras.biz
cc/3rd Party:
PO:
ProjectNo: 16-001-02; 1818 Everett St.

Bill to:
Kasey Cordoza
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541

Requested TAT: 5 days;

Date Received: **07/08/2016**
Date Logged: **07/08/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1607345-020	B-6, 5.5-6	Soil	7/7/2016 11:13	☐	A				A		A		A			
1607345-020	B-6, 6	Soil	7/7/2016 11:13	☐			B									
1607345-021	B-7, 2.5-3	Soil	7/7/2016 11:57	☐	A				A		A		A			
1607345-021	B-7, 3	Soil	7/7/2016 11:57	☐			B									
1607345-022	B-7, 5.5	Soil	7/7/2016 12:02	☐			B									
1607345-022	B-7, 5-5.5	Soil	7/7/2016 12:02	☐	A				A		A		A			
1607345-023	B-8, 2.5-3	Soil	7/7/2016 12:28	☐	A				A		A		A			
1607345-023	B-8, 3	Soil	7/7/2016 12:28	☐			B									
1607345-024	B-8, 5.5-6	Soil	7/7/2016 12:34	☐	A				A		A		A			
1607345-024	B-8, 6	Soil	7/7/2016 12:34	☐			B									

Test Legend:

1	8082_PCB_S	2	8082_PCB_W	3	8260B_E	4	8260B_W
5	8270_PNA_S	6	8270_PNA_W	7	8270_S	8	8270_W
9	G-MBTEX_S	10	G-MBTEX_W	11	PREDF REPORT	12	TPH(DMO)WSG_S

Prepared by: Jena Alfaro

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A, 021A, 022A, 023A, 024A contain testgroup.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
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1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1607345 **ClientCode: ERAS**

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Bill to:
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ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541

Requested TAT: **5 days;**

Date Received: **07/08/2016**
Date Logged: **07/08/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					13	14	15	16	17	18	19	20	21	22	23	24
1607345-001	B-1	Water	7/7/2016 9:12	☐	A											
1607345-002	B-2	Water	7/7/2016 9:39	☐	A											
1607345-003	B-3	Water	7/7/2016 10:01	☐	A											
1607345-004	B-4	Water	7/7/2016 10:27	☐	A											
1607345-005	B-5	Water	7/7/2016 10:59	☐			A									
1607345-006	B-6	Water	7/7/2016 11:46	☐			A									
1607345-007	B-7	Water	7/7/2016 12:22	☐			A									
1607345-008	B-8	Water	7/7/2016 12:58	☐			A									
1607345-009	B-1, 3.5-4	Soil	7/7/2016 8:48	☐												
1607345-009	B-1, 4	Soil	7/7/2016 8:48	☐												
1607345-010	B-1, 5.5-6	Soil	7/7/2016 8:54	☐												
1607345-010	B-1, 6	Soil	7/7/2016 8:54	☐												
1607345-011	B-2, 3.5-4	Soil	7/7/2016 9:18	☐												
1607345-011	B-2, 4	Soil	7/7/2016 9:18	☐												
1607345-012	B-2,5.5-6	Soil	7/7/2016 9:23	☐												

Test Legend:

13	TPH(DMO)WSG_W	14	TPH-WSG_S	15	TPH-WSG_W	16	
17		18		19		20	
21		22		23		24	

Prepared by: Jena Alfaro

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A, 021A, 022A, 023A, 024A contain testgroup.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1607345 **ClientCode: ERAS**

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Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					13	14	15	16	17	18	19	20	21	22	23	24
1607345-012	B-2,6	Soil	7/7/2016 9:23	☐												
1607345-013	B-3, 3.5-4	Soil	7/7/2016 9:42	☐												
1607345-013	B-3, 4	Soil	7/7/2016 9:42	☐												
1607345-014	B-3, 5.5-6	Soil	7/7/2016 9:46	☐												
1607345-014	B-3, 6	Soil	7/7/2016 9:46	☐												
1607345-015	B-4, 3.5-4	Soil	7/7/2016 10:07	☐												
1607345-015	B-4, 4	Soil	7/7/2016 10:07	☐												
1607345-016	B-4, 5.5-6	Soil	7/7/2016 10:11	☐												
1607345-016	B-4, 6	Soil	7/7/2016 10:11	☐												
1607345-017	B-5, 3.5-4	Soil	7/7/2016 10:33	☐		A										
1607345-017	B-5, 4	Soil	7/7/2016 10:33	☐												
1607345-018	B-5, 4.5-5	Soil	7/7/2016 10:37	☐		A										
1607345-018	B-5, 5	Soil	7/7/2016 10:37	☐												
1607345-019	B-6, 3.5-4	Soil	7/7/2016 11:09	☐		A										
1607345-019	B-6, 4	Soil	7/7/2016 11:09	☐												

Test Legend:

13	TPH(DMO)WSG_W	14	TPH-WSG_S	15	TPH-WSG_W	16	
17		18		19		20	
21		22		23		24	

Prepared by: Jena Alfaro

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1607345 **ClientCode: ERAS**

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					13	14	15	16	17	18	19	20	21	22	23	24
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1607345-020	B-6, 6	Soil	7/7/2016 11:13	☐												
1607345-021	B-7, 2.5-3	Soil	7/7/2016 11:57	☐		A										
1607345-021	B-7, 3	Soil	7/7/2016 11:57	☐												
1607345-022	B-7, 5.5	Soil	7/7/2016 12:02	☐												
1607345-022	B-7, 5-5.5	Soil	7/7/2016 12:02	☐		A										
1607345-023	B-8, 2.5-3	Soil	7/7/2016 12:28	☐		A										
1607345-023	B-8, 3	Soil	7/7/2016 12:28	☐												
1607345-024	B-8, 5.5-6	Soil	7/7/2016 12:34	☐		A										
1607345-024	B-8, 6	Soil	7/7/2016 12:34	☐												

Test Legend:

13	TPH(DMO)WSG_W	14	TPH-WSG_S	15	TPH-WSG_W	16	
17		18		19		20	
21		22		23		24	

Prepared by: Jena Alfaro

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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ERAS ENVIRONMENTAL, INC. **QC Level:** LEVEL 2 **Work Order:** 1607345
Project: 16-001-02; 1818 Everett St. **Client Contact:** Andrew Savage **Date Logged:** 7/8/2016
Comments: **Contact's Email:** info@eras.biz; andrew@eras.biz

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1607345-001A	B-1	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 9:12	5 days	10%+	☐	
				2	1LA	☐			10%+	☐	
1607345-001B	B-1	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 9:12	5 days	10%+	☐	
1607345-002A	B-2	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 9:39	5 days	1%+	☐	
				2	1LA	☐			1%+	☐	
1607345-002B	B-2	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 9:39	5 days	1%+	☐	
1607345-003A	B-3	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 10:01	5 days	1%+	☐	
				2	1LA	☐			1%+	☐	
1607345-003B	B-3	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 10:01	5 days	1%+	☐	
1607345-004A	B-4	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 10:27	5 days	1%+	☐	
				2	1LA	☐			1%+	☐	
1607345-004B	B-4	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 10:27	5 days	1%+	☐	
1607345-005A	B-5	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 10:59	5 days	1%+	☐	
1607345-005B	B-5	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 10:59	5 days	1%+	☐	
1607345-005C	B-5	Water	SW8270C (SVOCs)	1	1LA	☐	7/7/2016 10:59	5 days	1%+	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1607345-005D	B-5	Water	SW8270C (PAHs/PNAs)	1	1LA	☐	7/7/2016 10:59	5 days	1%+	☐	
1607345-005E	B-5	Water	SW8082 (PCBs Only)	1	1LA	☐	7/7/2016 10:59	5 days	1%+	☐	
1607345-006A	B-6	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 11:46	5 days	1%+	☐	
1607345-006B	B-6	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 11:46	5 days	1%+	☐	
1607345-006C	B-6	Water	SW8270C (SVOCs)	1	1LA	☐	7/7/2016 11:46	5 days	1%+	☐	
1607345-006D	B-6	Water	SW8270C (PAHs/PNAs)	1	1LA	☐	7/7/2016 11:46	5 days	1%+	☐	
1607345-006E	B-6	Water	SW8082 (PCBs Only)	1	1LA	☐	7/7/2016 11:46	5 days	1%+	☐	
1607345-007A	B-7	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 12:22	5 days	1%+	☐	
1607345-007B	B-7	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 12:22	5 days	1%+	☐	
1607345-007C	B-7	Water	SW8270C (SVOCs)	1	1LA	☐	7/7/2016 12:22	5 days	1%+	☐	
1607345-007D	B-7	Water	SW8270C (PAHs/PNAs)	1	1LA	☐	7/7/2016 12:22	5 days	1%+	☐	
1607345-007E	B-7	Water	SW8082 (PCBs Only)	1	1LA	☐	7/7/2016 12:22	5 days	1%+	☐	
1607345-008A	B-8	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	VOA w/ HCl	☐	7/7/2016 12:58	5 days	1%+	☐	
1607345-008B	B-8	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/7/2016 12:58	5 days	1%+	☐	
1607345-008C	B-8	Water	SW8270C (SVOCs)	1	1LA	☐	7/7/2016 12:58	5 days	1%+	☐	

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1607345-008D	B-8	Water	SW8270C (PAHs/PNAs)	1	1LA	☐	7/7/2016 12:58	5 days	1%+	☐	
1607345-008E	B-8	Water	SW8082 (PCBs Only)	1	1LA	☐	7/7/2016 12:58	5 days	1%+	☐	
1607345-009A	B-1, 3.5-4	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 8:48	5 days		☐	
1607345-009B	B-1, 4	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 8:48	5 days		☐	
1607345-010A	B-1, 5.5-6	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 8:54	5 days		☐	
1607345-010B	B-1, 6	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 8:54	5 days		☐	
1607345-011A	B-2, 3.5-4	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 9:18	5 days		☐	
1607345-011B	B-2, 4	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 9:18	5 days		☐	
1607345-012A	B-2,5.5-6	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 9:23	5 days		☐	
1607345-012B	B-2,6	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 9:23	5 days		☐	
1607345-013A	B-3, 3.5-4	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 9:42	5 days		☐	
1607345-013B	B-3, 4	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 9:42	5 days		☐	
1607345-014A	B-3, 5.5-6	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 9:46	5 days		☐	
1607345-014B	B-3, 6	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 9:46	5 days		☐	

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1607345-015A	B-4, 3.5-4	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 10:07	5 days		☐	
1607345-015B	B-4, 4	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 10:07	5 days		☐	
1607345-016A	B-4, 5.5-6	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 10:11	5 days		☐	
1607345-016B	B-4, 6	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 10:11	5 days		☐	
1607345-017A	B-5, 3.5-4	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 10:33	5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-017B	B-5, 4	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 10:33	5 days		☐	
1607345-018A	B-5, 4.5-5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 10:37	5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-018B	B-5, 5	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 10:37	5 days		☐	
1607345-019A	B-6, 3.5-4	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 11:09	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ERAS ENVIRONMENTAL, INC. **QC Level:** LEVEL 2 **Work Order:** 1607345
Project: 16-001-02; 1818 Everett St. **Client Contact:** Andrew Savage **Date Logged:** 7/8/2016
Comments: **Contact's Email:** info@eras.biz; andrew@eras.biz

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1607345-019A	B-6, 3.5-4	Soil	SW8270C (SVOCs)	1	Acetate Liner	☐	7/7/2016 11:09	5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-019B	B-6, 4	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 11:09	5 days		☐	
1607345-020A	B-6, 5.5-6	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 11:13	5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-020B	B-6, 6	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 11:13	5 days		☐	
1607345-021A	B-7, 2.5-3	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 11:57	5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-021B	B-7, 3	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 11:57	5 days		☐	
1607345-022A	B-7, 5-5.5	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 12:02	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ERAS ENVIRONMENTAL, INC. **QC Level:** LEVEL 2 **Work Order:** 1607345
Project: 16-001-02; 1818 Everett St. **Client Contact:** Andrew Savage **Date Logged:** 7/8/2016
Comments: **Contact's Email:** info@eras.biz; andrew@eras.biz

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1607345-022A	B-7, 5-5.5	Soil	SW8270C (SVOCs)	1	Acetate Liner	☐	7/7/2016 12:02	5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-022B	B-7, 5.5	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 12:02	5 days		☐	
1607345-023A	B-8, 2.5-3	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 12:28	5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-023B	B-8, 3	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 12:28	5 days		☐	
1607345-024A	B-8, 5.5-6	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	☐	7/7/2016 12:34	5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8270C (PAHs/PNAs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1607345-024B	B-8, 6	Soil	SW8260B (VOCs) (Encore)	1	Encore Sampler	☐	7/7/2016 12:34	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1607345

CHAIN OF CUSTODY FORM

McCampbell Analytical, Inc
1534 Willow Pass Rd.
Pittsburg, CA 94565
877.252.9262
925.252.9269 - fax

Report To: ERAS **Bill To:** ERAS
Company: ERAS Environmental, Inc.

Email: info@eras.biz
Telephone: 510-247-9885 **Fax:** 510-886-5399
Project # 16-001-02
Project location 1818 Everett St
Sampler: Andrew Savage

Turnaround Time: Rush | 24Hr | 48 Hr | 72 Hr | X 5 Day
Geotracker: X EDF | Excel | Write On (DW

Sample ID	Location/Field Point Name	Sampling Date	Sampling Time	# of Containers	Container Type	Matrix: Soil	Matrix: Water	Matrix: Waste	Preservative: HCL	Preservative: H2SO4	Preservative: HNO3	Preservative: ICE	Preservative: None
B-1		7/7/2016	9:12	2	1-L		X						X
B-1		7/7/2016	9:12	6	VOA		X		X				
B-2		7/7/2016	9:39	2	1-L		X						X
B-2		7/7/2016	9:39	6	VOA		X		X				
B-3		7/7/2016	10:01	2	1-L		X						X
B-3		7/7/2016	10:01	6	VOA		X		X				
B-4		7/7/2016	10:27	2	1-L		X						X
B-4		7/7/2016	10:27	6	VOA		X		X				
B-5		7/7/2016	10:59	3	1-L		X						X
B-5		7/7/2016	10:59	6	VOA		X		X				
B-6		7/7/2016	11:46	3	1-L		X						X
B-6		7/7/2016	11:46	6	VOA		X		X				
B-7		7/7/2016	12:22	3	1-L		X						X
B-7		7/7/2016	12:22	6	VOA		X		X				

Analysis Requested

TPH-diesel and oil with silica gel cleanup by EPA Method 8015	TPH-g by EPA Method 8015	VOCs including Napthalene by EPA Method 8260 Full List	SVOCs Full list by EPA Method 8270	PAHs including napthalene by Selected Ion Monitoring (SIM)	TPH-hydraulic oil with silica gel cleanup by EPA Method 8015	PCBs by EPA Method 8082
X						
	X	X				
X						
	X	X				
X						
	X	X				
X						
	X	X				
X			X	X	X	X
	X	X				
X			X	X	X	X
	X	X				
X			X	X	X	X
	X	X				

Other | **Comments**

RELINQUISHED BY: **RECEIVED BY:**

Relinquished by:	Date:	Time:	Recieved by:
	7-8-16	11:06	
Relinquished by:	Date:	Time:	Recieved by:
	7-8-16	6:45	
Relinquished by:	Date:	Time:	Recieved by:

ICE/t° Condition
Head space absent
Dechlorinated in lab
Appropriate containers
Preserved in Lab

Preservation	VOA's	O&G	Metals	Other
			pH<2	

Comments: Please PDF
Provide J Flag

1 of 4

CHAIN OF CUSTODY FORM

McCampbell Analytical, Inc
1534 Willow Pass Rd.
Pittsburg, CA 94565
877.252.9262
925.252.9269 - fax

Turnaround Time: Rush | 24Hr | 48 Hr | 72 Hr | X 5 Day

Geotracker: X EDF | Excel | Write On (DW

Report To: ERAS **Bill To:** ERAS

Company: ERAS Environmental, Inc.

Email: info@eras.biz

Telephone: 510-247-9885 **Fax:** 510-886-5399

Project # 16-001-02

Project location 1818 Everett St

Sampler: Andrew Savage

Sample ID	Location/Field Point Name	Sampling Date	Sampling Time	# of Containers	Container Type	Matrix: Soil	Water	Waste		Preservative: HCL	H2SO4	HNO3	ICE	None
B-8		7/7/2016	12:58	3	1-L		X							X
B-8		7/7/2016	12:58	6	VOA		X			X				
B-1, 3.5-4		7/7/2016	8:48	1	Tube	X							X	
B-1, 4		7/7/2016	8:48	1	EC	X							X	
B-1, 5.5-6		7/7/2016	8:54	1	Tube	X							X	
B-1, 6		7/7/2016	8:54	1	EC	X							X	
B-2, 3.5-4		7/7/2016	9:18	1	Tube	X							X	
B-2, 4		7/7/2016	9:18	1	EC	X							X	
B-2, 5.5-6		7/7/2016	9:23	1	Tube	X							X	
B-2, 6		7/7/2016	9:23	1	EC	X							X	
B-3, 3.5-4		7/7/2016	9:42	1	Tube	X							X	
B-3, 4		7/7/2016	9:42	1	EC	X							X	
B-3, 5.5-6		7/7/2016	9:46	1	Tube	X							X	
B-3, 6		7/7/2016	9:46	1	EC	X							X	

Analysis Requested

TPH-diesel and oil with silica gel cleanup by EPA Method 8015	TPH-g by EPA Method 8015	VOCs including Napthalene by EPA Method 8260 Full List	SVOCs Full list by EPA Method 8270	PAHs including napthalene by Selected Ion Monitoring (SIM)	TPH-hydraulic oil with silica gel cleanup by EPA Method 8015	PCBs by EPA Method 8082
X			X	X	X	X
	X	X				
X	X					
		X				
X	X					
		X				
X	X					
		X				
X	X					
		X				
X	X					
		X				
X	X					
		X				

Other | **Comments**

RELINQUISHED BY: | **RECEIVED BY:**

Relinquished by:	Date:	Time:	Received by:
	7-8-16	11:06	
	7-8-16	6:45	

ICE/t° Condition

Head space absent

Dechlorinated in lab

Appropriate containers

Preserved in Lab

Preservation: VOA's | O&G | Metals | Other — pH<2

Comments: Please PDF

Provide J Flag

2 of 4

CHAIN OF CUSTODY FORM

McCampbell Analytical, Inc
1534 Willow Pass Rd.
Pittsburg, CA 94565
877.252.9262
925.252.9269 - fax

Turnaround Time: Rush | 24Hr | 48 Hr | 72 Hr | X 5 Day

Geotracker: X EDF | Excel | Write On (DW

Report To: ERAS **Bill To:** ERAS

Company: ERAS Environmental, Inc.

Email: info@eras.biz

Telephone: 510-247-9885 **Fax:** 510-886-5399

Project # 16-001-02

Project location 1818 Everett St

Sampler: Andrew Savage

Sample ID	Location/Field Point Name	Sampling Date	Sampling Time	# of Containers	Container Type	Matrix: Soil	Water	Waste		Preservative: HCL	H2SO4	HNO3	ICE	None	Analysis Requested: TPH-diesel and oil with silica gel cleanup by EPA Method 8015	TPH-g by EPA Method 8015	VOCs including Napthalene by EPA Method 8260 Full List	SVOCs Full list by EPA Method 8270	PAHs including napthalene by Selected Ion Monitoring (SIM)	TPH-hydraulic oil with silica gel cleanup by EPA Method 8015	PCBs by EPA Method 8082	Other	Comments
B-4, 3.5-4		7/7/2016	10:07	1	Tube	X							X		X	X							
B-4, 4		7/7/2016	10:07	1	EC	X							X				X						
B-4, 5.5-6		7/7/2016	10:11	1	Tube	X							X		X	X							
B-4, 6		7/7/2016	10:11	1	EC	X							X				X						
B-5, 3.5-4		7/7/2016	10:33	1	Tube	X							X		X	X		X	X	X	X		
B-5, 4		7/7/2016	10:33	1	EC	X							X				X						
B-5, 4.5-5		7/7/2016	10:37	1	Tube	X							X		X	X		X	X	X	X		
B-5, 5		7/7/2016	10:37	1	EC	X							X				X						
B-6, 3.5-4		7/7/2016	11:09	1	Tube	X							X		X	X		X	X	X	X		
B-6, 4		7/7/2016	11:09	1	EC	X							X				X						
B-6, 5.5-6		7/7/2016	11:13	1	Tube	X							X		X	X		X	X	X	X		
B-6, 6		7/7/2016	11:13	1	EC	X							X				X						
B-7, 2.5-3		7/7/2016	11:57	1	Tube	X							X		X	X		X	X	X	X		
B-7, 3		7/7/2016	11:57	1	EC	X							X				X						

RELINQUISHED BY: / **RECEIVED BY:**

Relinquished by:	Date:	Time:	Recieved by:
	7-8-16	11:06	
Relinquished by:	Date:	Time:	Recieved by:
	7-8-16	6145	
Relinquished by:	Date:	Time:	Recieved by:

ICE/t° Condition

Head space absent

Dechlorinated in lab

Appropriate containers

Preserved in Lab

Preservation: VOA's | O&G | Metals | Other — pH<2

Comments: Please PDF

Provide J Flag

3 of 4

CHAIN OF CUSTODY FORM

McCampbell Analytical, Inc
1534 Willow Pass Rd.
Pittsburg, CA 94565
877.252.9262
925.252.9269 - fax

Turnaround Time: Rush | 24Hr | 48 Hr | 72 Hr | X 5 Day

Geotracker: X EDF | Excel | Write On (DW

Report To: ERAS **Bill To:** ERAS

Company: ERAS Environmental, Inc.

Email: info@eras.biz

Telephone: 510-247-9885 **Fax:** 510-886-5399

Project # 16-001-02

Project location 1818 Everett St

Sampler: Andrew Savage

Sample ID	Location/Field Point Name	Sampling Date	Sampling Time	# of Containers	Container Type	Matrix: Soil	Water	Waste		Preservative: HCL	H2SO4	HNO3	ICE	None
B-7, 5-5.5		7/7/2016	12:02	1	Tube	X							X	
B-7, 5.5		7/7/2016	12:02	1	EC	X							X	
B-8, 2.5-3		7/7/2016	12:28	1	Tube	X							X	
B-8, 3		7/7/2016	12:28	1	EC	X							X	
B-8, 5.5-6		7/7/2016	12:34	1	Tube	X							X	
B-8, 6		7/7/2016	12:34	1	EC	X							X	

Analysis Requested

Sample ID	TPH-diesel and oil with silica gel cleanup by EPA Method 8015	TPH-g by EPA Method 8015	VOCs including Napthalene by EPA Method 8260 Full List	SVOCs Full list by EPA Method 8270	PAHs including napthalene by Selected Ion Monitoring (SIM)	TPH-hydraulic oil with silica gel cleanup by EPA Method 8015	PCBs by EPA Method 8082
B-7, 5-5.5	X	X		X	X	X	X
B-7, 5.5			X				
B-8, 2.5-3	X	X		X	X	X	X
B-8, 3			X				
B-8, 5.5-6	X	X		X	X	X	X
B-8, 6			X				

Other | **Comments**

RELINQUISHED BY: | **RECEIVED BY:**

Relinquished by:	Date:	Time:	Received by:
	7-8-16	11:06	
Relinquished by:	Date:	Time:	Received by:
	7-8-16	6:45	
Relinquished by:	Date:	Time:	Received by:

ICE/t° Condition

Head space absent

Dechlorinated in lab

Appropriate containers

Preserved in Lab

Preservation: VOA's | O&G | Metals | Other (pH<2)

Comments: Please PDF Provide J Flag

4 of 4

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**ERAS Environmental, Inc.**	Date and Time Received:	**7/8/2016 18:45**
Project Name:	**16-001-02; 1818 Everett St.**	Date Logged:	**7/8/2016**
WorkOrder №:	**1607345** Matrix: Soil/Water	Received by:	Jena Alfaro
Carrier:	David Shaver (MAI Courier)	Logged by:	Jena Alfaro

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☑	No	☐	

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	
Sample/Temp Blank temperature	Temp: 3.5°C				NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes	☑	No	☐	NA ☐
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
Samples Received on Ice?	Yes	☑	No	☐	
	(Ice Type: WET ICE)				

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes	☐	No	☐	NA ☑

Comments:

APPENDIX E

WELL SURVEY

Address	Owner	Xcoord	Ycoord	Tsrqq	City	Use
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23RD	CHEVRON/RHODES-JAMIESON	122235060	37773493	2S/3W 7F	OAK	MON
333 23RD	CHEVRON/RHODES-JAMIESON	122235060	37773493	2S/3W 7F	OAK	MON
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23RD AVE	CHEVRON/RHODES-JAMIESON	122234721	37772887	2S/3W 7F	OAK	MON
333 23rd AVE	CHEVRON/LONESTAR	122234721	37772887	2S/3W 7F	OAK	MON
333 23rd AVE	CHEVRON/LONESTAR	122234721	37772887	2S/3W 7F	OAK	MON
333 23rd AVE	CHEVRON/LONESTAR	122234721	37772887	2S/3W 7F	OAK	MON
CRN OF KENNDY & 23RD AVE	CHEVRON/LONESTAR	122235060	37773493	2S/3W 7F	OAK	REC
401 Kennedy St	Right Away Ready Mix P-1	122235813	37773780	2S/3W 7F	OAK	MON
401 Kennedy St	Right Away Ready Mix P-2	122235813	37773780	2S/3W 7F	OAK	MON
401 Kennedy St	Right Away Ready Mix P-3	122235813	37773780	2S/3W 7F	OAK	MON
646 Kennedy St.	Fidelity Packaging MW-1	122235570	37773732	2S/3W 7F	OAK	MON
646 Kennedy St.	Fidelity Packaging MW-1	122235570	37773732	2S/3W 7F	OAK	MON
534 23rd Av	Fillmore Marks	122234798	37774872	2S/3W 7F	OAK	MON
534 23rd Av	Fillmore Marks	122234764	37774872	2S/3W 7F	OAK	MON
527 23rd Av	Exchange Linen Service	122234946	37774776	2S/3W 7F	OAK	MON
527 23rd Av	Exchange Linen Service	122234946	37774776	2S/3W 7F	OAK	MON
527 23rd Av	Exchange Linen Service	122234946	37774776	2S/3W 7F	OAK	MON
333 23rd Av	Chevron Products Company	122234719	37772885	2S/3W 7F	OAK	MON
E 7th St & 29th Ave	EBMUD	122230615	37773493	2S/3W 7G	OAK	MON
2900 GLASCOCK ST	DERR OLIVER INC.	122232577	37771972	2S/3W 7G	OAK	IRR
2901 Glascock St	Glascock St Property Owne	122232636	37771761	2S/3W 7G	OAK	MON
2901 Glascock St	Glascock St Property Owne	122232636	37771761	2S/3W 7G	OAK	MON
2901 Glascock St	Glascock St Property Owne	122232636	37771761	2S/3W 7G	OAK	MON
2901 Glascock St	Glascock Street Property	122232636	37771788	2S/3W 7G	OAK	MON
2901 Glascock St	Glascock Street Property	122232636	37771788	2S/3W 7G	OAK	MON
2901 Glascock St	Glascock Street Property	122232636	37771788	2S/3W 7G	OAK	MON
2901 Glascock St	Glascock Street Property	122232636	37771788	2S/3W 7G	OAK	MON
2901 Glascock St	Glascock Street Developm	122232635	37771795	2S/3W 7G	OAK	MON
2421 Blanding Avenue	Allied Land Company, 2421 Blanding Avenue, Alameda, CA, 94501, MW-5A			2S/3W 7L	ALA	MON
2421 Blanding Avenue	Allied Land Company, 2421 Blanding Avenue, Alameda, CA, 94501, MW-5B			2S/3W 7L	ALA	MON
2421 Blanding Avenue	Allied Land Company, 2421 Blanding Avenue, Alameda, CA, 94501, MW-6A			2S/3W 7L	ALA	MON
2421 Blanding Avenue	Allied Land Company, 2421 Blanding Avenue, Alameda, CA, 94501, MW-4A			2S/3W 7L	ALA	MON
2421 Blanding Avenue	Allied Land Company, 2421 Blanding Avenue, Alameda, CA, 94501, MW-4B			2S/3W 7L	ALA	MON

Address	Owner	Xcoord	Ycoord	Tsrqq	City	Use
2421 Blanding Avenue	Allied Land Company, 2421 Blanding Avenue, Alameda, CA, 94501, MW-6B			2S/3W 7L	ALA	MON
1915 EVERETT ST	R.S. SCHMIT	122235203	37768986	2S/3W 7L	ALA	ABN
1819 EVERETT ST	A.T. GHILLIER	122235889	37768104	2S/3W 7L	ALA	IRR
1801 PARK ST & EAGLE	CHEVRON SERVICE STATION	122237673	37768796	2S/3W 7L	ALA	MON
1801 PARK ST & EAGLE	CHEVRON SERVICE STATION	122237673	37768796	2S/3W 7L	ALA	MON
1801 PARK ST & EAGLE	CHEVRON SERVICE STATION	122237673	37768796	2S/3W 7L	ALA	MON
1801 PARK ST & EAGLE	CHEVRON SERVICE STATION	122237673	37768796	2S/3W 7L	ALA	MON
1801 PARK ST & EAGLE	CHEVRON SERVICE STATION	122237673	37768796	2S/3W 7L	ALA	MON
1725 PARK ST	EXXON RS 7-0104	122238251	37768121	2S/3W 7L	ALA	MON
1725 PARK ST	EXXON RS 7-0104	122238251	37768121	2S/3W 7L	ALA	MON
1725 PARK ST	EXXON RS 7-0104	122238251	37768121	2S/3W 7L	ALA	MON
1725 PARK ST.	EXXON	122238251	37768121	2S/3W 7L	ALA	MON
		0	0	2S/3W 7L		MON
1725 PARK ST.	EXXON	122238251	37768121	2S/3W 7L	ALA	MON
		0	0	2S/3W 7L		MON
1725 PARK ST.	EXXON	122238251	37768121	2S/3W 7L	ALA	MON
		0	0	2S/3W 7L		MON
		0	0	2S/3W 7L		MON
1725 Park Street	Exxon Corporation	122238251	37768121	2S/3W 7L	ALA	MON
1725 Park Street	Exxon USA EW-1	122238251	37768121	2S/3W 7L	ALA	EXT
1725 Park Street	Exxon USA EW-2	122238251	37768121	2S/3W 7L	ALA	EXT
1725 Park Street	Exxon USA EW-3	122238251	37768121	2S/3W 7L	ALA	EXT
1725 Park Street	Exxon USA EW-4	122238251	37768121	2S/3W 7L	ALA	EXT
1725 Park Street	Exxon USA EW-5	122238251	37768121	2S/3W 7L	ALA	EXT
1911 Park St.	Alameda Collision Rep.MW1	122236891	37769645	2S/3W 7L	ALA	MON
1725 PARK ST	EXXON RS 7-0104 SW-1	122238234	37768121	2S/3W 7L	ALA	MON
1725 PARK ST	EXXON RS 7-0104 VW-1	122238234	37768121	2S/3W 7L	ALA	MON
1725 PARK ST	EXXON RS 7-0104 SM-1	122238234	37768121	2S/3W 7L	ALA	MON
1725 PARK ST	EXXON RS 7-0104 SM-1	122238234	37768121	2S/3W 7L	ALA	MON
2307 CLEMENT AVE	BOB TENNANT	122240624	37770023	2S/3W 7M	OAK	IND
2307 CLEMENT AVE	BOB TENNANT	122240624	37770023	2S/3W 7M	OAK	IND
1849 OAK STREET	LINCOLN PROPERTY CO	122239886	37769152	2S/3W 7M	ALA	MON
		0	0	2S/3W 7M		MON
1849 OAK STREET	LINCOLN PROPERTY COMPANY	122239886	37769152	2S/3W 7M	ALA	MON
1849 OAK STREET	LINCOLN PROPERTY COMPANY	122239886	37769152	2S/3W 7M	ALA	MON
1825 Park St.	Goode Toyota MW-4	122237495	37769105	2S/3W 7M	ALA	MON
1800 Park St	Exxon Company USA	122237500	37768674	2S/3W 7M	ALA	MON
1630 PARK ST	FOLEY STREET INVESTMENTS, LLC., 2533 CLEMENT AVE, ALAMEDA, 94501, MW-4			2S/3W 7N	ALA	DES
1630 PARK ST	FOLEY STREET INVESTMENTS, LLC., 2533 CLEMENT AVE, ALAMEDA, 94501, MW-5			2S/3W 7N	ALA	DES
Oak at Lincoln Street	Alameda Free Library	122241300	37766900	2S/3W 7N	ALA	BOR

Address	Owner	Xcoord	Ycoord	Tsrqq	City	Use
2235 Clement Ave	Clement Ave Assoc B-1	122240179	37770694	2S/3W 7N	ALA	BOR*
2235 LINCOLN AVE	ALAMEDA STEAM LAUNDRY	122240624	37766529	2S/3W 7N	OAK	IRR
1555 OAK STREET	CITY OF ALAMEDA (POLICE)	122241614	37766667	2S/3W 7N	ALA	MON
2263 SANTA CLARA AVE	CITY OF ALAMEDA (C. HALL)	122243349	37766324	2S/3W 7N	ALA	MON
2263 SANTA CLARA AVE	CITY OF ALAMEDA (C. HALL)	122243349	37766324	2S/3W 7N	ALA	MON
1541 PARK ST	MOBIL SERVICE STATION-MW-1	122240136	37765932	2S/3W 7N	ALA	MON
1701 Park St	Xtra Oil Company	122238353	37767985	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B Henry	122238077	37768026	2S/3W 7N	ALA	MON
1541 PARK ST	MOBIL SERVICE STATION-MW-2	122240136	37765932	2S/3W 7N	ALA	MON
1541 PARK ST	MOBIL SERVICE STATION-MW-3	122240136	37765932	2S/3W 7N	ALA	MON
1541 PARK STREET	MOBIL OIL CORPORATION-MW-4	122240136	37765932	2S/3W 7N	ALA	MON
1541 PARK STREET	SHELL OIL CORPORATION-MW-5	122240136	37765932	2S/3W 7N	ALA	MON
1541 PARK STREET	SHELL OIL CORPORATION-MW-6	122240136	37765932	2S/3W 7N	ALA	MON
1541 PARK ST	MOBIL OIL CORP.-MW-7	122240136	37765932	2S/3W 7N	ALA	MON
1541 PARK ST	MOBIL OIL CORP.-MW-8	122240136	37765932	2S/3W 7N	ALA	MON
1541 PARK ST	MOBIL OIL CORP.-MW-9	122240136	37765932	2S/3W 7N	ALA	MON
1700 Park Street	Mr.Dave Cavanaugh	122238220	37767855	2S/3W 7N	ALA	MON
1700 Park Street	Mr.Dave Cavanaugh	122238220	37767855	2S/3W 7N	ALA	MON
1700 Park Street	Mr.Dave Cavanaugh	122238220	37767855	2S/3W 7N	ALA	MON
1700 Park Street	Mr.Dave Cavanaugh	122238220	37767855	2S/3W 7N	ALA	MON
Oak St. and Lincoln St.	Alameda Free Library	122241300	37766900	2S/3W 7N	ALA	DES
2244 Santa Clara	Fowler-Anderson Mortuary	122243806	37766311	2S/3W 7N	ALA	DES
2244 Santa Clara	Fowler-Anderson Mortuary	122243806	37766311	2S/3W 7N	ALA	DES
2244 Santa Clara	Fowler-Anderson Mortuary	122243806	37766311	2S/3W 7N	ALA	MON
1726 Park St	John B. Henry Estate	122237565	37768108	2S/3W 7N	ALA	MON
1700 Park St	Cavanaugh Motors MW5	122238220	37767855	2S/3W 7N	ALA	MON
1700 Park St	Cavanaugh Motors MW6	122238220	37767855	2S/3W 7N	ALA	MON
2235 Clement Ave	Clement Ave Assoc MW-1	122240179	37770694	2S/3W 7N	ALA	MON
2301 Santa Clara Ave.	Chun's Service Center MW1	122241946	37765684	2S/3W 7N	ALA	MON
2301 Santa Clara Ave.	Chun's Service Center MW2	122241946	37765684	2S/3W 7N	ALA	MON
2301 Santa Clara Ave.	Chun's Service Center MW3	122241946	37765684	2S/3W 7N	ALA	MON
1541 PARK STREET	BP Oil Company-RW-1	122240132	37765936	2S/3W 7N	ALA	REC
2301 Santa Clara Ave.	Chun's Service Center MW4	122241929	37765657	2S/3W 7N	ALA	MON
2235 Clement Ave.	Clement Ave. Assoc. B-19	122240259	37770757	2S/3W07N3	ALA	BOR
2301 Santa Clara Ave.	Chun's Service Center MW5	122241929	37765657	2S/3W 7N	ALA	MON
2235 Clement Ave.	Clement Ave. Assoc. B-20	122240259	37770757	2S/3W07N3	ALA	BOR
2301 Santa Clara Ave.	Chun's Service Center MW6	122241929	37765657	2S/3W 7N	ALA	MON
2235 Clement Ave.	Clement Ave. Assoc. B-22	122240259	37770757	2S/3W7N33	ALA	BOR
2301 Santa Clara Ave.	Chun's Service Center MW7	122241929	37765657	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B Henry	122238077	37768026	2S/3W 7N	ALA	MON

Address	Owner	Xcoord	Ycoord	Tsrqq	City	Use
1726 Park St	Estate of John B Henry	122238077	37768026	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B Henry	122238077	37768026	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B Henry	122238077	37768026	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B Henry	122238077	37768026	2S/3W 7N	ALA	MON
1630 Park St	Good Chevrolet	122238887	37767156	2S/3W 7N	ALA	MON
1630 Park St	Good Chevrolet	122238887	37767156	2S/3W 7N	ALA	MON
1701 Park St	Xtra Oil Company	122238353	37767985	2S/3W 7N	ALA	MON
1701 Park St	Xtra Oil Company	122238353	37767985	2S/3W 7N	ALA	MON
1726 Park St	Exxon USA	122238077	37767999	2S/3W 7N	ALA	MON
1725 Park St	Exxon Company USA	122238234	37768121	2S/3W 7N	ALA	MON
1700 Park St	Cavanaugh Motors	122238203	37767855	2S/3W 7N	ALA	MON
1701 Park St	Xtra Oil Company	122238355	37767987	2S/3W 7N	ALA	MON
2301 Santa Clara Av	Wayne Chun	122241932	37765653	2S/3W 7N	ALA	MON
2301 Santa Clara Av	Wayne Chun	122241932	37765653	2S/3W 7N	ALA	MON
2301 Santa Clara Av	Wayne Chun	122241932	37765653	2S/3W 7N	ALA	MON
2301 Santa Clara Av	Wayne Chun	122241932	37765653	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B. Henry	122238077	37767997	2S/3W 7N	ALA	MON
1725 Park St	Exxon Company USA	122238236	37768123	2S/3W 7N	ALA	MON
1725 Park St	Exxon Company USA	122238236	37768123	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B. Henry	122238077	37767997	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B. Henry	122238077	37767997	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B. Henry	122238077	37767997	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B. Henry	122238077	37767997	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B. Henry	122238077	37767997	2S/3W 7N	ALA	MON
1726 Park St	Estate of John B. Henry	122238077	37767997	2S/3W 7N	ALA	MON
2623 EAGLE AVE.	PG&E	122233360	37766441	2S/3W 7P	ALA	CAT
1701 Broadway	Elsie Smitlen			2S/3W 7P	ALA	DES
2538 LINCOLN AVE	JACK ZAWITKOSKI				ALA	DES
1819 VERSAILLES AV	LESTER CABRAL	122230615	37766542	2S/3W 7Q	OAK	IRR
2001A VERSAILLES AV	KING PETROLEUM	122230280	37767460	2S/3W 7Q	ALA	MON
2001A VERSAILLES AV	KING PETROLEUM	122230280	37767460	2S/3W 7Q	ALA	MON
2001A VERSAILLES AV	KING PETROLEUM	122230280	37767460	2S/3W 7Q	ALA	MON
2001A VERSAILLES AV	KING PETROLEUM	122230280	37767460	2S/3W 7Q	ALA	MON
2001A VERSAILLES AV	KING PETROLEUM	122230280	37767460	2S/3W 7Q	ALA	MON
2100A VERSAILLES AVE	KING PETROLEUM	122230615	37766542	2S/3W 7Q	ALA	MON
1708 VERSAILLES AVE	MARK RATTO	122232546	37764634	2S/3W 7Q	ALA	IRR
2001 Versailles Av	Mapes	122230263	37767460	2S/3W 7Q	ALA	MON
2001 Versailles Av	Mapes	122230263	37767460	2S/3W 7Q	ALA	MON
2001 Versailles Av	Mapes	122230263	37767460	2S/3W 7Q	ALA	MON
2001 Versailles Av	Mapes	122230263	37767460	2S/3W 7Q	ALA	MON

Address	Owner	Xcoord	Ycoord	Tsrqq	City	Use
2001 Versailles Av	Mapes	122230263	37767460	2S/3W 7Q	ALA	MON
2001 Versailles Av	Mapes	122230263	37767460	2S/3W 7Q	ALA	MON
1823 Pearl St	Alvin Carpenter			2S/3W 7Q	ALA	

Well Legend

DOM=Domestic well

IRR=Irrigation well

MUN= Municipal well

IND=Industrial well

CAT=Cathodic well

DES=well destroyed (through permit)

ABN=Abandoned and not being used (but has not been destroyed through permit process)

TES=Test well

BOR= Geotechnical investigation

MON= Monitoring well

EXT=Extraction/ Vapor wells

PIE=Piezometers

REC=Recovery well (extraction/ vapor)

? = Unknown or no information found or given