Appendix E2

Phase II Environmental Site Assessment

Limited Phase II Environmental Site Assessment

Area Y
10819 Valley Boulevard
El Monte, California

City of El Monte

11333 Valley Boulevard | Newport Beach, California 91731

April 3, 2020 | Project No. 211175002

Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

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Limited Phase II Environmental Site Assessment

Area Y
10819 Valley Boulevard
El Monte, California

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City of El Monte
11333 Valley Boulevard | El Monte, California 91731

April 3, 2020 | Project No. 211175002

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1 INTRODUCTION

Ninyo & Moore conducted a Limited Phase II Environmental Site Assessment (ESA) on behalf of the City of El Monte (client) for Area Y in El Monte, California (site, Figure 1). Addresses associated with the site are 10819 Valley Boulevard, 3637 El Monte Avenue, and 3704, 3705, 3713, and 3721 Monterey Avenue. The Limited Phase II ESA was conducted in general accordance with our revised proposal, dated February 24, 2020. The following sections discuss the purpose, the scope of services, and the environmental findings, conclusions, and recommendations for this project.

2 BACKGROUND

A Phase I ESA was prepared by Ninyo & Moore, dated October 16, 2019 for the subject site (Ninyo & Moore, 2019). The Phase I ESA reported the following recognized environmental condition (REC) in connection with the site:

- The former Baily Tire Company property, located at 10819 Valley Boulevard in the southeast portion of the site, had low detections of chemical contaminants in soil and soil gas as reported by The Source Group Inc (SGI) in their Phase II ESA for the property (SGI, 2008). SGI interpreted these low detections as a possibility of “hot spots” that were not encountered during the course of their investigation.

The site is planned to be developed with residential buildings and a park. Based on the findings, Ninyo & Moore recommended a Limited Phase II ESA to further evaluate the abovementioned REC. Although not considered a REC, the City also requested an evaluation of potential arsenic in soil in the western portion of the site where a park is proposed. This is based on elevated arsenic encountered at concentrations from 7.6 to 15 miligrams per kilograms (mg/kg) by SCI in their 2008 Phase II ESA, which SCI considered as within background concentrations for California.

2.1 Project Location

The site is currently an unoccupied vacant lot, but was partially occupied by the former Bailey Tire Company at 10819 Valley Boulevard, El Monte, California. Structures are not developed on the site. The site is located near the intersections of Valley Boulevard and El Monte Avenue and Valley Boulevard and Monterey Street.

2.2 Regional and Site Geology

The site is located in the central block of the Los Angeles Basin, which extends from the Santa Monica Mountains to the northwest, to the San Joaquin Hills to the southeast. Notable features of the central block include the aggraded central lowland plain, the Elysian Hills at the northwest end, parts of the Repetto Hills, the elongated east-trending Coyote Hills, the shallow synclinal La

Habra Valley along the northeast margin, and the Santa Ana Mountains at the east margin. The Newport-Inglewood fault underlies the southwest margin of the block. The basement rocks of the central block are exposed in the core of the Santa Ana Mountains (Yerkes et al., 1965).

The site topography is relatively flat (topographic elevations range from approximately 280 to 300 feet above mean sea level) with regional topography gently sloping to the south according to the United States Geological Survey (USGS) 7.5 Minute Series Topographic Map, El Monte Quadrangle, 7.5-minute series, 2018 (USGS, 2018). The site is underlain by Quaternary alluvial fan deposits consisting of silt, silty sand, and poorly-sorted sand.

2.3 Hydrogeology

The nearest surface water is the Rio Hondo, a tributary of the Los Angeles River, approximately 0.2 miles west of the site. The nearest property with groundwater elevation data is the former All American Uniform, approximately 1,000 feet northeast of the site. The depth to groundwater at the property was measured at 224.78 feet below ground surface (bgs) on September 29, 2006 (Rincon Consultants, Inc., 2006). Groundwater was not encountered during this Limited Phase II ESA.

3 OBJECTIVE

The objective of this Limited Phase II ESA was to evaluate whether significant concentrations of chemicals of potential concern are present in soil and soil vapor near the location of the former Bailey's Tire Center and in soil in areas planned for development as a park. The Limited Phase II ESA is not intended to delineate the extent of chemicals reported.

4 LIMITED PHASE II ESA

The following sections describe activities that were conducted for this Limited Phase II ESA. Field activities conducted at the site included advancing and sampling 14 borings, collecting soil samples, installing 16 temporary dual-nested soil vapor probes in select borings, and collecting soil vapor samples. The approximate locations of the borings are presented in Figure 2. Field sampling procedures are described in Appendix A. The Limited Phase II ESA was conducted under the guidance of a Ninyo & Moore California-Licensed Professional Geologist.

4.1 Site-Specific Health and Safety Plan (HASP)

Prior to implementing the field evaluation, a site-specific HASP was prepared. The HASP provided a site-specific scope of work and reported the suspected constituents of concern that may be present at the site. Prior to the initiation of field activities, a site safety briefing was conducted to evaluate potential physical and chemical hazards and outlined measures to be taken in the event

of an emergency. On-site personnel signed the safety form acknowledging their participation in the briefing.

4.2 Underground Service Alert

Prior to commencement of the soil sampling activities, the proposed soil boring locations were marked with white spray paint. Underground Service Alert of Southern California was notified of the intent to conduct the subsurface evaluation activities at least 72 hours prior to initiation of intrusive field tasks. An inquiry identification number was obtained for the boring locations (A200641092-00A).

4.3 Field Activities

On March 11 and 12, 2020, Interphase Environmental, Inc. (Interphase) of Los Angeles, California, advanced 14 soil borings (B1 through B14) to depths ranging from approximately 5 to 20 feet bgs, under the oversight of Ninyo & Moore. The 14 soil borings were advanced to approximately 5 feet bgs using a hand auger. In addition, borings B1 through B8 were advanced to approximately 20 feet bgs using a Geoprobe® 6600 direct push drill rig. Groundwater was not encountered during this Limited Phase II ESA. On March 13, 2020, soil vapor samples were collected from borings B1 through B8 by Jones Environmental Inc (JEL).

4.3.1 Soil Sampling Procedures

Soil samples from borings B1 through B8 were collected at depths of approximately 1, 5, 10, 15, and 20 feet bgs; while soil samples from borings B9 through B14 were collected at depths of approximately 0.5, 1.5, 2.5, and 5 feet bgs. Soil samples from the borings were visually classified in general accordance with the Unified Soil Classification System. Soil samples were evaluated for total volatile organic compounds (VOCs) using a calibrated Mini-Rae 3000, photo-ionization detector (PID). Elevated PID readings were not encountered in the samples from the borings; the highest PID reading was observed in boring B4 at approximately 1 foot bgs at 9.6 parts per million volume. PID readings are presented in the boring logs (Appendix B).

Soil samples were collected and transported to Enthalpy Analytical, LLC (Enthalpy) of Orange, California for analysis. The 5-foot and 15-foot samples from borings B1 through B8 were analyzed for VOCs and total petroleum hydrocarbons (TPHs) in accordance with United States Environmental Protection Agency (EPA) Methods 8260B/5035 and 8015B/5035, respectively. Primary samples from these borings were subcored in accordance with EPA Method 5035. Shallow soil samples (10 feet bgs and shallower) from borings B1 through B14 were evaluated for arsenic by EPA Method 6010B. The sample containers were labeled,

placed in a cooler containing ice, and transported following standard chain-of-custody protocols to Enthalpy, a State-certified fixed environmental laboratory within 24 hours after their collection.

4.3.2 Temporary Soil Vapor Probe Installation

After the drilling and soil sampling of borings B1 through B8, temporary soil vapor probes were installed in general accordance with the 2015 Department of Toxic Substances Control (DTSC) Advisory Active Soil Gas Investigations (DTSC, 2015). Vapor probes were installed in each of these borings at approximately 5 and 15 feet bgs. Each vapor probe was centered in one foot of sand pack. The remainder of the borehole was backfilled with hydrated granular bentonite. The temporary vapor probes were allowed to equilibrate for at least 48 hours before collecting soil vapor samples.

4.3.3 Soil Vapor Sampling Procedures

On March 13, 2020, the temporary soil vapor probes were sampled and analyzed for VOCs and gasoline range organics by JEL in accordance with EPA Method 8260B. The temporary soil vapor probes were sampled in accordance with the DTSC Advisory Active Soil Gas Investigations (DTSC, 2015). Before sampling, the temporary soil vapor probes were purged of three purge volumes at a rate of approximately 200 milliliters per minute. After collection of soil vapor samples, the soil vapor probes were abandoned, and the tubing was pulled. Soil vapor samples were co-located with soil samples, such that SG1-5 was co-located with B1-5, SG1-15 was co-located with B1-15, and so on.

4.4 Investigation Derived Wastes (IDW)

Soil cuttings and decontaminated water were stored in one 55-gallon drum. One composite soil sample was collected from the drum and analyzed for TPHs, VOCs, and Title 22 Metals in accordance with EPA Methods 8015B, 8260B, and 6010B/7471A, respectively. Based on analytical results of the waste, the waste was considered non-hazardous. The waste drum will be removed and disposed off-site by Belshire Environmental Services .

5 ANALYTICAL RESULTS

Analytical results are presented in Tables 1 through 4 and discussed below. Laboratory reports are provided in Appendix C.

Soil analytical results were compared to the following screening levels (SLs): EPA Regional Screening Levels (RSLs) for residential soil (EPA, 2019) and DTSC Human and Ecological Risk Office (HERO) SLs for residential land use (DTSC, 2019). Soil vapor analytical results were

compared to modified EPA RSLs for residential air (EPA, 2019) and modified DTSC HERO soil gas screening levels for residential air (DTSC, 2019).

5.1 Arsenic in Soil Samples

Detectable concentrations of arsenic were reported in each of the soil samples analyzed, with the exception of one non-detect result. Six of the samples had concentrations above the DTSC's acceptable background concentration of 12 mg/kg (DTSC, 2008), which ranged from 13 to 29 mg/kg (Table 1).

5.2 VOCs in Soil Samples

Toluene was detected in one soil sample (B4-5) at a concentration of 9.7 micrograms per kilogram (µg/kg). Benzene was detected in two soil samples (B1-5 and B4-5) at concentrations of 13 µg/kg and 23 µg/kg, respectively. These detections did not exceed their respective SLs for residential soil. Other VOCs were not detected in the soil samples analyzed (Table 2).

5.3 TPHs in Soil Samples

Detectable concentrations of TPH as gasoline (TPHg) and oil range organics (ORO) were not reported in the soil samples analyzed. TPH diesel range organics (DRO) were detected in one soil sample (B3-5) at a concentration of 14 mg/kg, below its respective SLs (Table 3).

5.4 VOCs & TPHg in Soil Vapor Samples

The VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, chloroform, ethylbenzene, m,p-xylenes, o-xylenes, tetrachloroethene (PCE), and/or toluene were detected in several soil vapor samples analyzed. The detected concentrations were below their respective modified SLs, except for the detection of chloroform in SG8-15 at 9 micrograms per cubic meter (µg/m^3). Other VOCs were not detected in the soil vapor samples analyzed (Table 4).

Detectable concentrations of TPHg were not reported in the soil vapor samples analyzed (Table 4).

6 FINDINGS

Based on the laboratory analytical results of this Limited Phase II ESA, the following findings are provided:

- Arsenic was detected above the DTSC's Established Background Arsenic Concentrations in borings B5, B7, B9, and B12.
- VOCs and TPHs were either not detected in the soil samples analyzed or below their respective SLs.

- VOCs were either not detected in the soil vapor samples analyzed or below their respective SLs, with the exception of chloroform.

- TPHg was not detected in the soil vapor samples analyzed.

7 SUMMARY AND RECOMMENDATIONS

Based on the above findings, the following summary and recommendations are provided:

- If soil disturbance is planned, soil in the vicinity of samples B5-1, B5-5, B7-1, B9-0.5, B12-0.5, and B12-1.5 should stockpiled separately and analyzed for hazardous waste criteria and proper handling. A removal action work (RAW) plan to guide the excavation and handling of arsenic-impacted soil should be prepared and submitted to the appropriate regulatory agency for approval.

- Chloroform was detected in soil vapor sample SG8-15, which exceed it respective SL for residential air. Relatively low concentrations of other VOCs were also detected in some soil vapor samples. Based on the planned high density residential land use, a human health risk assessment (HHRA) should be prepared to evaluate the potential exposure to human receptors. Depending on the results of the HHRA, vapor mitigation measures (e.g., sub-slab vapor membrane, etc.) may be recommended to lower potential risk to human receptors in portions of this site.

- The client should enter into a Voluntary Cleanup Agreement with the appropriate regulatory agency (e. g., Los Angeles County Fire Department) to oversee the development and implementation of the RAW.

- Futher investigation is not recommended at this time.

8 LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

9 REFERENCES

California Department of Toxic Substances Control, 2015, Advisory Active Soil Gas Investigations, dated July.

California Department of Toxic Substances Control, 2008, Determination of a Southern California Regional Arsenic Concentration in Soil.

California Department of Toxic Substances Control Human and Ecological Risk Office, 2019, Human Health Risk Assessment Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs), updated November.

DTSC, see California Department of Toxic Substances Control.

EPA, see United States Environmental Protection Agency.

Ninyo & Moore, 2019, Phase I Environmental Site Assessment, Area Y 10819 Valley Boulevard, El Monte, California, dated October 16.

Rincon Consultants, Inc., 2006, Quarterly Groundwater Monitoring, Former All American Uniform Site, 3680 North Tyler Avenue, El Monte, California, dated October 13, 2006.

The Source Group, Inc., Phase II Environmental Site Assessment Former Bailey Tire Company, dated August 19, 2008.

United States Environmental Protection Agency, 2019, Regional Screening Levels, Pacific Southwest, Region 9, updated April.

United States Geological Survey, 2018, 7.5 Minute Series Topographic Map, El Monte Quadrangle, 7.5-minute series, 2018

Table 1 – Soil Sample Analytical Results - Arsenic

Sample ID	Date Sample Collected	EPA Method 6010B (mg/kg)	
		Depth (feet bgs)	Arsenic
B1-1	3/11/2020	1	5.6
B1-5	3/11/2020	5	5.7
DUP1	3/11/2020	5	6.3
B1-10	3/11/2020	10	9.5
B2-1	3/11/2020	1	13
B2-5	3/11/2020	5	3.3
B2-10	3/11/2020	10	6.8
B3-1	3/11/2020	1	6.3
B3-5	3/11/2020	5	7.2
B3-10	3/11/2020	10	4.1
B4-1	3/11/2020	1	6.1
B4-5	3/11/2020	5	6.8
B4-10	3/11/2020	10	4
B5-1	3/11/2020	1	29
B5-5	3/11/2020	5	16
B5-10	3/11/2020	10	4.2
B6-1	3/11/2020	1	4.6
B6-5	3/11/2020	5	4.7
B6-10	3/11/2020	10	9.5
B7-1	3/11/2020	1	19
B7-5	3/11/2020	5	7.6
B7-10	3/11/2020	10	ND<8.7
B8-1	3/11/2020	1	12
B8-5	3/11/2020	5	6.3
B8-10	3/11/2020	10	2.7
B9-0.5	3/12/2020	0.5	29
B9-1.5	3/12/2020	1.5	7.0
B9-2.5	3/12/2020	2.5	4.3
B9-5	3/12/2020	5	6.1
B10-0.5	3/12/2020	0.5	4.5
B10-1.5	3/12/2020	1.5	4.3
B10-2.5	3/12/2020	2.5	5.2
B10-5	3/12/2020	5	4.1
DUP4	3/12/2020	5	4.1
B11-0.5	3/12/2020	0.5	5.8
B11-1.5	3/12/2020	1.5	4.6
B11-2.5	3/12/2020	2.5	5.3
B11-5	3/12/2020	5	5.4
B12-0.5	3/12/2020	0.5	13
B12-1.5	3/12/2020	1.5	25
B12-2.5	3/12/2020	2.5	6.8
B12-5	3/12/2020	5	7
B13-0.5	3/12/2020	0.5	4.6
DUP5	3/12/2020	0.5	4.3

Table 1 – Soil Sample Analytical Results - Arsenic

Sample ID	Date Sample Collected	EPA Method 6010B (mg/kg)	
		Depth (feet bgs)	Arsenic
B13-1.5	3/12/2020	1.5	4.1
B13-2.5	3/12/2020	2.5	5.7
DUP6	3/12/2020	2.5	4.2
B13-5	3/12/2020	5	5.3
B14-0.5	3/12/2020	0.5	4.6
B14-1.5	3/12/2020	1.5	4.3
DUP7	3/12/2020	1.5	3.2
B14-2.5	3/12/2020	2.5	3.1
B14-5	3/12/2020	5	3.2
Quality Control Samples (mg/l)			
EB-B-03112020	3/11/2020	N/A	ND<0.010
EB-A-03122020	3/12/2020	N/A	ND<0.010
Regulatory Screening Levels (mg/kg)			
EPA RSL			0.68
DTSC HERO HHRA			0.11
San Francisco Bay RWQCB ESL			0.067
DTSC Established Background Arsenic Concentration			12

Notes:
Bold indicates value is above screening level
bgs - below ground surface
DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening
DUP - Duplicate sample, listed below its primary sample
EPA - United States Environmental Protection Agency
ID - Identification
mg/kg - milligrams per kilogram
mg/l - milligrams per liter
N/A - not applicable
ND< - not detected above the laboratory reporting limit
RSL - United States Environmental Protection Agency Regional Screening Levels, November 2019
RWQCB ESL - San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels, January 2019. Assumed residential criteria for shallow soil

Table 2 – Soil Sample Analytical Results - VOCs

Sample ID	Date Sample Collected	Depth (feet bgs)	EPA Method 8260B (µg/kg)		
			Benzene	Toluene	All Other VOCs
B1-5	3/11/2020	5	13	ND<7.1	ND
DUP1	3/11/2020	5	ND<6.9	ND<6.9	ND
B1-15	3/11/2020	15	ND<7.6	ND<7.6	ND
B2-5	3/11/2020	5	ND<10	ND<10	ND
B2-15	3/11/2020	15	ND<5.1	ND<5.1	ND
B3-5	3/11/2020	5	ND<8.6	ND<8.6	ND
B3-15	3/11/2020	15	ND<6.1	ND<6.1	ND
B4-5	3/11/2020	5	23	9.7	ND
B4-15	3/11/2020	15	ND<5.4	ND<5.4	ND
B5-5	3/11/2020	5	ND<9.6	ND<9.6	ND
B5-15	3/11/2020	15	ND<11	ND<11	ND
B6-5	3/11/2020	5	ND<7.1	ND<7.1	ND
B6-15	3/11/2020	15	ND<8.1	ND<8.1	ND
DUP3	3/11/2020	15	ND<5.6	ND<5.6	ND
B7-5	3/11/2020	5	ND<5.3	ND<5.3	ND
B7-15	3/11/2020	15	ND<7.4	ND<7.4	ND
B8-5	3/11/2020	5	ND<11	ND<11	ND
B8-15	3/11/2020	15	ND<6.6	ND<6.6	ND
Quality Control Samples (µg/l)					
EB-A-03112020	3/11/2020	N/A	ND<5.0	ND<5.0	ND
EB-B-03112020	3/11/2020	N/A	ND<5.0	ND<5.0	ND
TB-A-03112020	3/11/2020	N/A	ND<5.0	ND<5.0	ND
Regulatory Screening Levels			(µg/kg)		
USEPA RSLs (Residential Soil)			1,200	4,900,000*	Various
DTSC HERO HHRA (Residential Soil)			330	1,100,000*	Various
San Francisco Bay RWQCB ESLs (Residential Soil)			330	1,100,000*	Various

Notes:

* noncancerous endpoint

µg/kg - micrograms per kilogram

µg/l - micrograms per liter

bgs - below ground surface

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil, April 2019

DUP - duplicate sample, listed below its primary sample

EPA - United States Environmental Protection Agency

ID - Identification

N/A - Not applicable

ND< - not detected above the laboratory reporting limit

RSLs - United States Environmental Protection Agency Regional Screening Levels, November 2019

RWQCB ESLs - San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs), January 2019. Assumed residential criteria for shallow soil exposure.

VOCs - volatile organic compounds

Table 3 – Soil Sample Analytical Results - TPH

Sample ID	Date Sample Collected	Sample Depth (feet bgs)	EPA Method 8015B (mg/kg)		
			TPHg	DRO	ORO
B1-5	3/11/2020	5	ND<4.8	ND<10	ND<10
DUP1	3/11/2020	5	ND<4.3	ND<10	ND<10
B1-15	3/11/2020	15	ND<5.0	ND<10	ND<10
B2-5	3/11/2020	5	ND<4.8	ND<10	ND<10
B2-15	3/11/2020	15	ND<3.3	ND<10	ND<10
B3-5	3/11/2020	5	ND<4.3	14	ND<10
B3-15	3/11/2020	15	ND<3.3	ND<10	ND<10
B4-5	3/11/2020	5	ND<4.6	ND<10	ND<10
B4-15	3/11/2020	15	ND<5.0	ND<10	ND<10
B5-5	3/11/2020	5	ND<3.7	ND<10	ND<10
B5-15	3/11/2020	15	ND<5.0	ND<10	ND<10
B6-5	3/11/2020	5	ND<5.0	ND<10	ND<10
B6-15	3/11/2020	15	ND<4.7	ND<10	ND<10
DUP3	3/11/2020	15	ND<4.8	ND<10	ND<10
B7-5	3/11/2020	5	ND<4.3	ND<10	ND<10
B7-15	3/11/2020	15	ND<5.0	ND<10	ND<10
B8-5	3/11/2020	5	ND<4.8	ND<10	ND<10
B8-15	3/11/2020	15	ND<3.5	ND<10	ND<10
Quality Control Samples (mg/l)					
EB-A-03112020	3/11/2020	N/A	50	0.19	0.28
EB-B-03112020	3/11/2020	N/A	50	0.19	0.28
TB-A-03112020	3/11/2020	N/A	ND<50	ND<0.19	ND<0.28
Regulatory Screening Levels (mg/kg)					
EPA RSLs (Residential Soil)			82*	96*	2,300*
DTSC HERO HHRA (Residential Soil)			NL	NL	NL
San Francisco Bay RWQCB ESLs (Residential Soil)			100	260	1,600
Regulatory Screening Levels (mg/l)					
EPA RSLs			33	10.0*	800*
DTSC HERO HHRA			NL	NL	NL
San Francisco Bay RWQCB ESLs			100	100	NL

Notes:

* aromatic fraction

DRO - diesel range organics

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil, April 2019

DUP - Duplicate sample, listed below its primary sample

EPA - United States Environmental Protection Agency

ID - Identification

mg/kg - milligrams per kilogram

mg/l - milligrams per liter

N/A - Not Applicable

NL - not listed

ND< - not detected above the laboratory reporting limit

ORO - oil range organics

RSLs - United States Environmental Protection Agency Regional Screening Levels, November 2019

RWQCB ESLs - San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs), January 2019. Assumed residential criteria for shallow soil exposure.

TPHg - total petroleum hydrocarbons as gasoline

TPHs - total petroleum hydrocarbons

Table 4 – Soil Vapor Sample Analytical Results - VOCs and TPHg

Sample ID	Date Sample Collected	Sample Depth (feet bgs)	EPA Method 8260B (ug/m^3)									
			TPHg	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Chloroform	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	All Other VOCs
SG1-5	3/13/2020	5	ND<2,000	12	ND<8	ND<8	ND<8	ND<16	ND<8	ND<8	ND<8	ND
SG1-15	3/13/2020	15	ND<2,000	11	ND<8	ND<8	ND<8	ND<16	ND<8	132	8	ND
SG1-15 REP	3/13/2020	15	ND<2,000	ND<8	ND<8	ND<8	ND<8	20	ND<8	126	9	ND
SG2-5	3/13/2020	5	ND<2,000	15	ND<8	ND<8	ND<8	ND<16	ND<8	17	8	ND
SG2-15	3/13/2020	15	ND<2,000	17	ND<8	ND<8	ND<8	ND<16	ND<8	129	ND<8	ND
SG3-5	3/13/2020	5	ND<2,000	9	ND<8	ND<8	ND<8	ND<16	ND<8	39	ND<8	ND
SG3-15	3/13/2020	15	ND<2,000	13	ND<8	ND<8	ND<8	ND<16	ND<8	74	8	ND
SG4-5	3/13/2020	5	ND<2,000	ND<8	ND<8	ND<8	ND<8	ND<16	ND<8	34	ND<8	ND
SG4-5 REP	3/13/2020	5	ND<2,000	ND<8	ND<8	ND<8	ND<8	ND<16	ND<8	20	ND<8	ND
SG4-15	3/13/2020	15	ND<2,000	ND<8	ND<8	ND<8	ND<8	ND<16	ND<8	ND<8	ND<8	ND
SG5-5	3/13/2020	5	ND<2,000	ND<8	ND<8	ND<8	ND<8	ND<16	ND<8	34	ND<8	ND
SG5-15	3/13/2020	15	ND<2,000	13	ND<8	ND<8	ND<8	17	ND<8	90	28	ND
SG6-5	3/13/2020	5	ND<2,000	10	ND<8	ND<8	ND<8	ND<16	ND<8	23	11	ND
SG6-15	3/13/2020	15	ND<2,000	ND<8	ND<8	ND<8	ND<8	22	ND<8	124	11	ND
SG7-5	3/13/2020	5	ND<2,000	ND<8	ND<8	ND<8	ND<8	ND<16	ND<8	16	ND<8	ND
SG7-15	3/13/2020	15	ND<2,000	28	10	ND<8	22	102	28	107	52	ND
SG8-5	3/13/2020	5	ND<2,000	ND<8	ND<8	ND<8	ND<8	ND<16	ND<8	33	ND<8	ND
SG8-15	3/13/2020	15	ND<2,000	12	ND<8	**9**	9	39	13	40	47	ND
Regulatory Screening Levels (µg/m^3)												
Modified EPA RSLs (Residential Air) [1]			103,333*	2,100*	2,100*	4	37	3,333*	3,333*	367	173,333*	Various
Modified EPA RSLs (Residential Air) [2]			21,000*	63,000*	63,000*	120	1,100	100,000*	100,000*	11,000	5,200,000*	Various
Modified DTSC HERO HHRA (Residential Air) [2]			NL	NL	NL	NL	NL	NL	NL	460	310,000*	Various

Notes:

Bold text indicates value is above screening level

* regulatory screening level values reflect cancer endpoint values, except when not available; in which case non-cancer endpoint values are shown

[1] Attenuation factor of 0.03 applied to EPA RSLs

[2] Attenuation factor of 0.001 applied to EPA RSLs and DTSC HERO HHRA residential screening levels

µg/m^3 - microgram per cubic meter

bgs - below ground surface

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels, April 2019

EPA - United States Environmental Protection Agency

ID - Identification

ND< - not detected above the laboratory reporting limit

NL - not listed

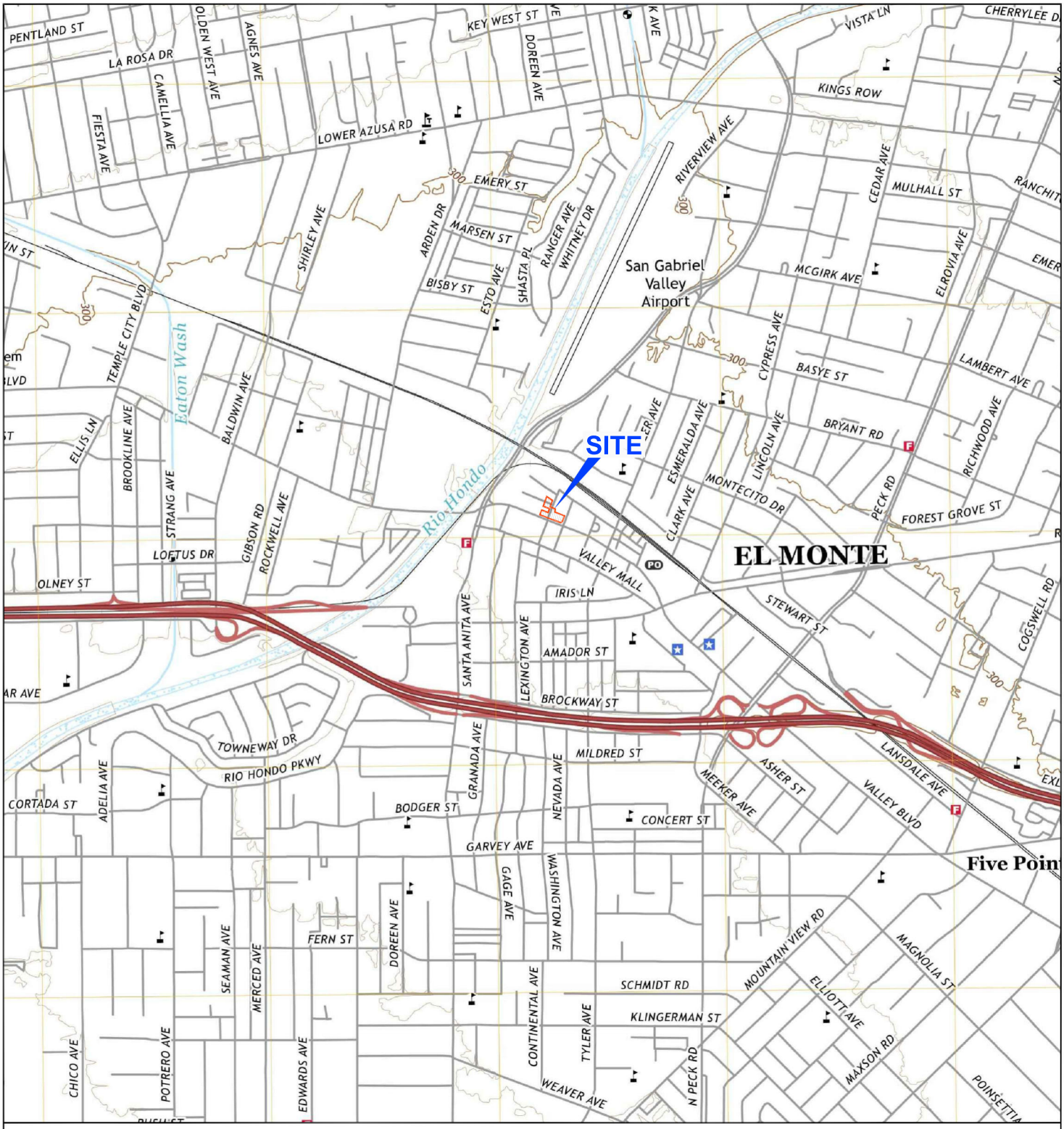
REP - replicate sample, listed below its primary sample

RSLs - United States Environmental Protection Agency Regional Screening Levels, November 2019

TPHg - total petroleum hydrocarbons as gasoline

VOCs - volatile organic compounds

FIGURES



211175002_SL.dwg 03/17/2020 GK

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: USGS, 2018.

N

FEET

0 2,000 4,000

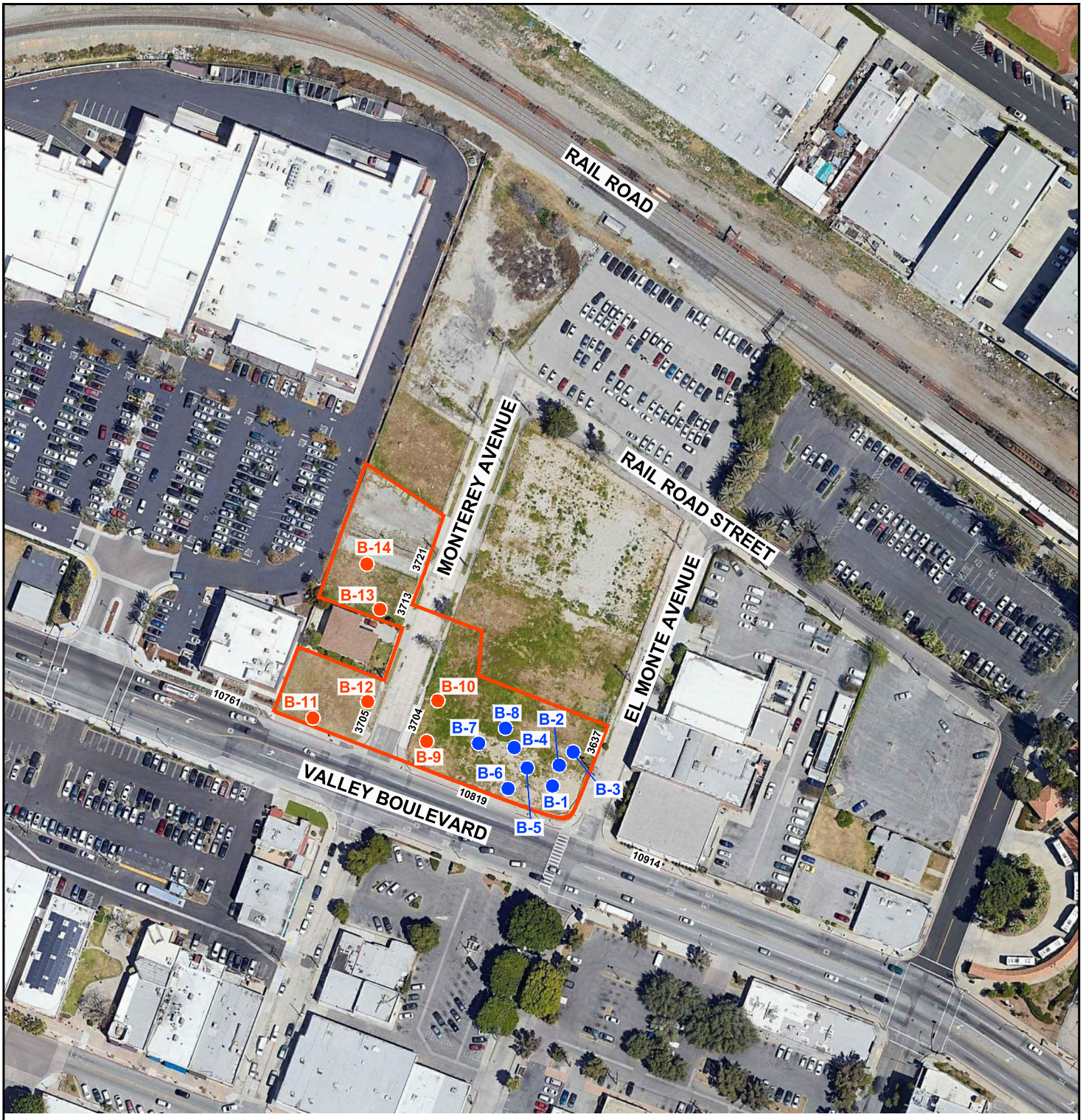
FIGURE 1

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

SITE LOCATION

AREA Y
10819 VALLEY BOULEVARD
EL MONTE, CALIFORNIA
211175002 I 4/20



LEGEND

	SITE BOUNDARY
B-8	SOIL BORING WITH A TOTAL DEPTH OF 20 FT BGS SOIL VAPOR PROBES INSTALLED AT 5 AND 15FT BGS
B-14	SOIL BORING WITH A TOTAL DEPTH OF 5 FT BGS
10819	STREET ADDRESS

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: GOOGLE EARTH, 2019.

N

FEET

0 150 300

211175002_SP.dwg 03/17/2020 GK

FIGURE 2

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SITE PLAN

AREA Y
10819 VALLEY BOULEVARD
EL MONTE, CALIFORNIA
211175002 I 4/20

APPENDIX A

Field Procedures

APPENDIX A

FIELD PROCEDURES

Hand Auger Soil Sampling Procedures

A hand-auger bucket is attached to an extension rod and "T" handle using threaded nuts or locking pins. If concrete was present, the location was cored prior to hand augering. The auger was advanced into the soil by hand while simultaneously rotating and putting downward pressure on the T-handle. The bucket was retrieved periodically (typically every 3 to 5 inches).

Soil cuttings were profiled and disposed in accordance with the Soil Classification and Investigative Derived Waste Standard Operating Procedures.

Direct-Push Soil Sampling Procedures

Prior to advancing soil borings, the proposed locations for boreholes were hand-augered to approximately 5 feet bgs to clear utilities. Drilling services were provided by a State-licensed drilling contractor. The direct-push rig consists of a van or pick-up truck-mounted hydraulic ram/pneumatic hammer system which pushes 4-foot-long, 1¼-inch-diameter rods. Soil samples are collected by attaching a 2- or 4-foot-long, 1.6- or 2-inch-diameter, stainless steel core sample or macro-core sampler containing brass or acetate sleeves to the bottom of the rods.

The probe-drive sampler consists of the sampler, sample tube, a piston tip attached to a piston rod, a drive head, and a piston stop pin. The sample tubes are placed in the sampler. The piston tip and attached piston rod are placed into the sampler from the bottom. The drive head is then screwed onto the top of the sampler. The piston stop-pin is screwed into the top of the drive head. The sampler is then attached to the 1-inch drive rods.

Undisturbed soil samples are collected by driving the sampler and rods to the target depth. The piston stop pin keeps the piston tip and rod from rising into the sampler. Subsequently, the probe-drive sampler remains sealed while it is pushed or driven to the desired sampling depth. Once the target depth is reached, the piston stop-pin is removed by means of extension rods inserted down the inside diameter of the probe rods. The sampler is then pushed approximately 24 inches. As the sampler is pushed down, the piston tip and rod rise in the sampler on top of the intruding soil. The rods and sampler are then retrieved. The sampler is disassembled, the sample tubes removed for sample logging, identification, and analysis, and the apparatus decontaminated prior to reuse.

The macro-core sampler consists of the sampler, cutting shoe, point assembly, drive head, sample sleeve, and (optional) sand catcher. Once assembled, the point assembly is placed in the cutting shoe and locked in place. The sample is then driven to the target depth. The point assembly is unlocked using extension rods lowered through the drive rods. The sampler is then driven another 4 feet. The sampler and drive rods are then retrieved, the sampler disassembled, and the sample tube removed for sample logging, identification and analysis. The apparatus is then decontaminated prior to reuse.

On retrieval, the sample sleeve containing the soil samples were removed from the sampler, cut to the desired sample length, capped with Teflon sheeting, and sealed with polyethylene end caps. The sample tube was labeled with the project number, sample number, sample depth, collection date and time, and sampler's initials. The soil samples were placed in sealable plastic bags and stored in a cooler chilled using ice to a temperature of approximately 4 degrees Celsius. (These samples were used for chemical analysis, with the exception of VOCs and total petroleum hydrocarbons [TPHs].)

Soil Classification

Soil cuttings, the soil from the shoe of the sampler, and the remaining sleeves were examined and logged. Soil characterization information, including soil type (e.g., fill, native soil, or bedrock) were recorded on boring logs in accordance with the Unified Soil Classification System (USCS). Soil descriptions, sample type and depth, texture, color, density or consistency, odor, an estimate of soil moisture content, and related drilling information were recorded in general accordance on boring logs. Boring logs were reviewed by a Ninyo & Moore California licensed Professional Geologist.

Soil Sample Screening for Volatile Organic Compounds (VOCs)

A portion of the collected soil cores was placed in a zip-lock type plastic bag, sealed, and disaggregated. The bag was then shaken to allow trapped vapors to escape from the soil into the head space. Organic vapor concentrations are monitored by inserting the MiniRAE PID probe into the head space above the soil. The MiniRAE PID was calibrated at least once daily during field activities.

Calibration of the MiniRAE is a two-step process. The first step is "fresh air" calibration. This procedure determines the zero point of the sensor calibration curve. The second step is span calibration, which determines the second point of the sensor calibration curve for the sensor.

Fresh air is clean dry air without any organic impurities. Ambient air can also be used. If low concentrations of organic impurities are suspected in ambient air, a charcoal filter should be attached to the MiniRAE during the fresh air calibration phase. A span gas, containing a known concentration of ionizable gas or vapor, is used to set the sensitivity. Hexane at 100 parts per million in air was used as the span gas.

United States Environmental Protection Agency (EPA) 5035 Soil Sampling Procedures

If a soil sample was to be analyzed for VOC, the sample was collected in accordance with EPA Method 5035 and following the Department of Toxic Substances Control (DTSC) Method 5035 Guidance Document, dated November, 2004.

The sample in the sleeve was used for the EPA Method 5035 sample preservation. An Encore™ or plastic syringe was used to collect three samples of approximately 5 grams of soil from the sample. If using the plastic syringe, two of the 5-gram soil samples are ejected into two pre-weighed, laboratory supplied, 40-milliliter volatile organic analysis (VOA) vials containing sodium bisulfate preservative and one 5-gram soil sample is ejected into a 40-milliliter VOA vile containing methanol. A new Encore™ or syringe was used for each sampling interval.

A sample label was placed on the Encore™ bag or VOA vials with the sample number, location, and date recorded on the label. The Encore™ bags or VOA vials are placed in a zip-lock bag. Encore™ or VOA vials collected at a specific sample location and depth were placed in one zip-lock bag. The zip-lock bag and its contents were stored in a cooler chilled using ice to a temperature of approximately 4 degrees Celsius.

Soil Vapor Probes Installation

Vapor probes were constructed using a stainless steel soil gas sampling probe attached to ¼-inch Teflon® sample tubing extending to approximately one foot above the ground surface, in general accordance with the joint DTSC/Regional Water Quality Control Board (RWQCB) Advisory – Active Soil Gas Investigations (“Soil Gas Advisory”), dated July 2015. The soil gas probes were constructed with the soil gas probe installed at 10 and 15 feet bgs. A polyvinyl chloride (PVC) pipe was used to guide the soil gas probe into the boring and temporarily hold the probe in the center of the boring while the sand pack (#3 Monterey Sand) was installed from 15.5 feet bgs to 14.5 feet bgs, and from 10.5 feet bgs to 9.5 feet bgs. Granular bentonite was placed from 14.5 feet bgs to 10.5 feet bgs, and from 9.5 feet bgs to 0.5 feet bgs to reduce the potential for ambient air infiltration. Soil vapor probes were sampled a minimum of 2 hours after installation.

In order to limit potential for cross-contamination, down hole drill equipment was thoroughly decontaminated prior to the first boring and after each boring. The field personnel used a new pair of nitrile gloves for each sample collection. All Teflon sample tubing and soil gas sampling probes was new.

Soil Vapor Probe Assembly Tests

Soil vapor probe assembly tests were conducted in the following order; the shut-in test and leak test in general accordance with the joint DTSC/RWQCB Advisory – Active Soil Gas Investigations ("Soil Gas Advisory"), dated July 2015.

Backfill

Boreholes were backfilled with six-inches of sand above and below vapor probes. The remainder of each borehole was backfilled with hydrated bentonite and capped to match surface material grade.

Chain-of-Custody Documentation

Sample information including: sample identification, date, time, analyses, sample, laboratory turn-around-time, number and type of containers, and preservation method were recorded on a chain-of-custody (COC). The COC was filled out and signed with the date and time by the sampler. The COC accompanied the samples. If the custody of the samples and COC were transferred the COC was signed with the date and time by the releasing and new custodians.

Investigative-Derived Waste Handling

Soil cuttings, and decontamination water from the investigation was stored on site in a Department of Transportation-approved 55-gallon drum. The container was labeled with generator information including: site name and address, generator name and phone number, contents, date of accumulation, and hazardous waste classification. Contents were classified as hazardous or non-hazardous before disposal of the waste to a licensed recycling facility by a licensed transporter.

Other investigative-derived waste was collected in large trash bags and disposed as normal non-hazardous waste.

APPENDIX B

Boring Logs

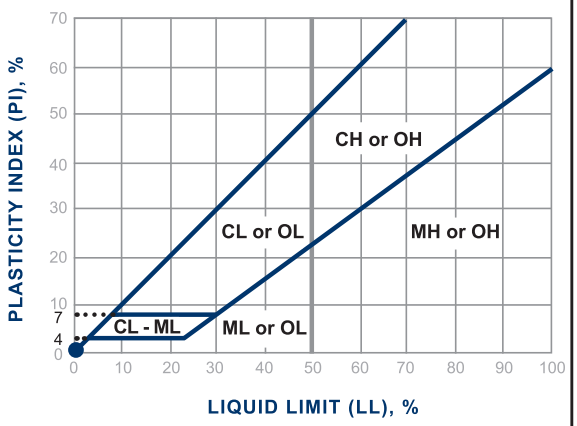
Soil Classification Chart Per ASTM D 2488

Primary Divisions			Secondary Divisions	
			Group Symbol	Group Name
COARSE-GRAINED SOILS more than 50% retained on No. 200 sieve	**GRAVEL** more than 50% of coarse fraction retained on No. 4 sieve	CLEAN GRAVEL less than 5% fines	GW	well-graded GRAVEL
			GP	poorly graded GRAVEL
		GRAVEL with DUAL CLASSIFICATIONS 5% to 12% fines	GW-GM	well-graded GRAVEL with silt
			GP-GM	poorly graded GRAVEL with silt
			GW-GC	well-graded GRAVEL with clay
			GP-GC	poorly graded GRAVEL with
		GRAVEL with FINES more than 12% fines	GM	silty GRAVEL
			GC	clayey GRAVEL
			GC-GM	silty, clayey GRAVEL
	SAND 50% or more of coarse fraction passes No. 4 sieve	CLEAN SAND less than 5% fines	SW	well-graded SAND
			SP	poorly graded SAND
		SAND with DUAL CLASSIFICATIONS 5% to 12% fines	SW-SM	well-graded SAND with silt
			SP-SM	poorly graded SAND with silt
			SW-SC	well-graded SAND with clay
			SP-SC	poorly graded SAND with clay
		SAND with FINES more than 12% fines	SM	silty SAND
			SC	clayey SAND
			SC-SM	silty, clayey SAND
FINE-GRAINED SOILS 50% or more passes No. 200 sieve	**SILT and CLAY** liquid limit less than 50%	INORGANIC	CL	lean CLAY
			ML	SILT
			CL-ML	silty CLAY
		ORGANIC	OL (PI > 4)	organic CLAY
			OL (PI < 4)	organic SILT
	SILT and CLAY liquid limit 50% or more	INORGANIC	CH	fat CLAY
			MH	elastic SILT
		ORGANIC	OH (plots on or above "A"-line)	organic CLAY
			OH (plots below "A"-line)	organic SILT
	Highly Organic Soils		PT	Peat

Grain Size

Description		Sieve Size	Grain Size	Approximate Size
Boulders		> 12"	> 12"	Larger than basketball-sized
Cobbles		3 - 12"	3 - 12"	Fist-sized to basketball-sized
Gravel	Coarse	3/4 - 3"	3/4 - 3"	Thumb-sized to fist-sized
	Fine	#4 - 3/4"	0.19 - 0.75"	Pea-sized to thumb-sized
Sand	Coarse	#10 - #4	0.079 - 0.19"	Rock-salt-sized to pea-sized
	Medium	#40 - #10	0.017 - 0.079"	Sugar-sized to rock-salt-sized
	Fine	#200 - #40	0.0029 - 0.017"	Flour-sized to sugar-sized
Fines		Passing #200	< 0.0029"	Flour-sized and smaller

Plasticity Chart



Apparent Density - Coarse-Grained Soil

Apparent Density	Spooling Cable or Cathead		Automatic Trip Hammer	
	SPT (blows/foot)	Modified Split Barrel (blows/foot)	SPT (blows/foot)	Modified Split Barrel (blows/foot)
Very Loose	≤ 4	≤ 8	≤ 3	≤ 5
Loose	5 - 10	9 - 21	4 - 7	6 - 14
Medium Dense	11 - 30	22 - 63	8 - 20	15 - 42
Dense	31 - 50	64 - 105	21 - 33	43 - 70
Very Dense	> 50	> 105	> 33	> 70

Consistency - Fine-Grained Soil

Consis-tency	Spooling Cable or Cathead		Automatic Trip Hammer	
	SPT (blows/foot)	Modified Split Barrel (blows/foot)	SPT (blows/foot)	Modified Split Barrel (blows/foot)
Very Soft	< 2	< 3	< 1	< 2
Soft	2 - 4	3 - 5	1 - 3	2 - 3
Firm	5 - 8	6 - 10	4 - 5	4 - 6
Stiff	9 - 15	11 - 20	6 - 10	7 - 13
Very Stiff	16 - 30	21 - 39	11 - 20	14 - 26
Hard	> 30	> 39	> 20	> 26

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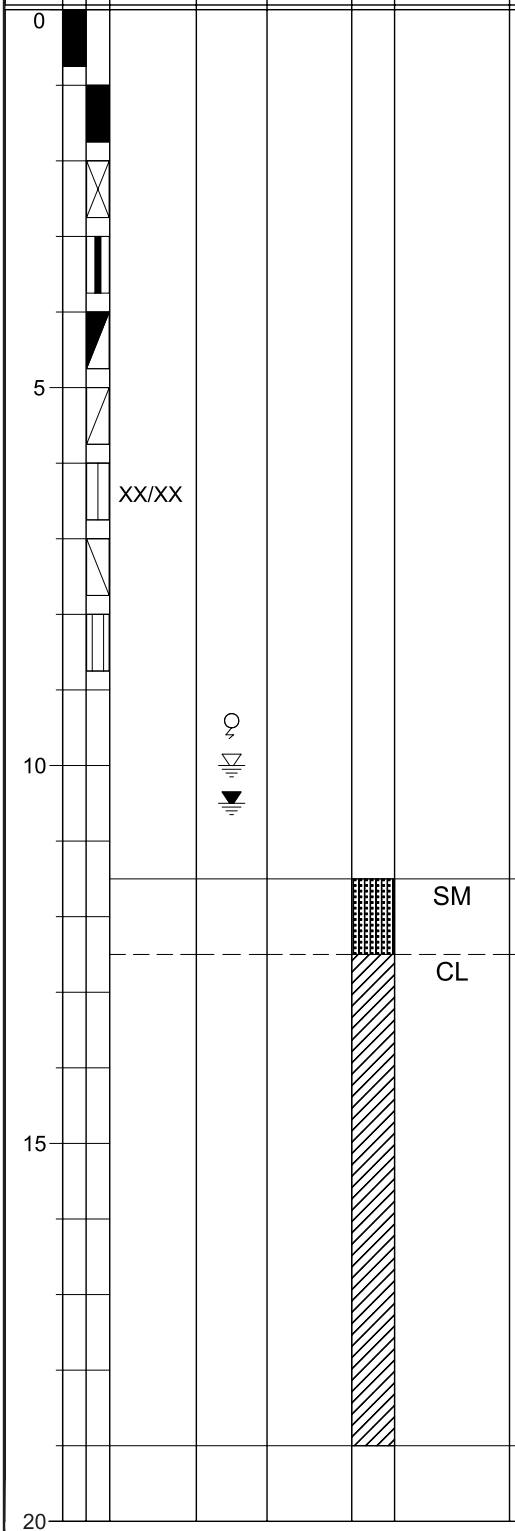
USCS METHOD OF SOIL CLASSIFICATION

BORING LOG EXPLANATION SHEET



Bulk sample.

Modified split-barrel drive sampler.

No recovery with modified split-barrel drive sampler.

Sample retained by others.

Standard Penetration Test (SPT).

No recovery with a SPT.

Shelby tube sample. Distance pushed in inches/length of sample recovered in inches.

No recovery with Shelby tube sampler.

Continuous Push Sample.

Seepage.

Groundwater encountered during drilling.

Groundwater measured after drilling.

SM

MAJOR MATERIAL TYPE (SOIL):

Solid line denotes unit change.

CL

Dashed line denotes material change.

Attitudes: Strike/Dip
b: Bedding
c: Contact
j: Joint
f: Fracture
F: Fault
cs: Clay Seam
s: Shear
bss: Basal Slide Surface
sf: Shear Fracture
sz: Shear Zone
sbs: Shear Bedding Surface

The total depth line is a solid line that is drawn at the bottom of the boring.

DATE DRILLED 3/11/20 BORING NO. B1

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								ML	ALLUVIUM: Brown, dry, soft, SILT; micaceous; some root fragments; no odor.
		■	07:44	B1-1	1.7				No root fragments.
									Few clay lenses; no mica minerals.
		■	07:57	B1-5 DUP1	0.1				Reddish brown; firm. Brown.
10		■	08:01	B1-10	1.8			SM	Brown, dry, loose, silty SAND; micaceous; no odor.
								SP	Brown, dry, loose, poorly graded fine grained SAND; micaceous; no odor.
		■	08:05	B1-15	1.9				No mica minerals.
									Light brown; fine to medium grained sand.
20		■	08:07	B1-20	2.4			ML	Dark brown, dry, soft, SILT; no odor.
									Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite from 20 to 15.5 feet bgs, No. 3 Sand from 15.5 to 14.5 feet bgs, hydrated granular bentonite from 14.5 to 5.5 feet bgs, No. 3 Sand from 5.5 to 4.5 feet bgs, and hydrated granular bentonite from 4.5 feet bgs to surface. Soil vapor probes installed at 15 and 5 feet bgs.
30									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
40									

DATE DRILLED 3/11/20 BORING NO. B2

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								ML	ALLUVIUM: Brown, dry, soft, SILT; micaceous; trace gravel; no odor.
		■	08:45	B2-1	3.4				
		■	08:58	B2-5	1.4				Few to little clay; no mica minerals.
								SM	Brown, dry, loose, silty SAND; micaceous; no odor.
10		■	09:00	B2-10	1.7			SP	Brown, dry, loose, poorly graded, fine grained SAND; micaceous; no odor.
									No mica minerals.
		■	09:02	B2-15	2.0				Light brown; medium dense.
20		■	09:03	B2-20	2.1				Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite
30									
40									

DATE DRILLED 3/11/20 BORING NO. B3

GROUND ELEVATION 288' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	09:36	B3-1	1.5			ML	ALLUVIUM: Brown, dry, soft, SILT; micaceous; trace root fragments; trace gravel; no odor.
									No gravel.
		■	09:45	B3-5	1.6				Few clay; no mica minerals.
10		■	09:47	B3-10	1.4			SM	Brown, dry, loose, silty SAND; micaceous; no odor.
								SP	Brown, dry, loose, poorly graded, fine grained SAND; micaceous; no odor.
									No mica minerals.
		■	09:52	B3-15	1.6				Light brown; medium dense; fine to medium grained.
20		■	09:55	B3-20 DUP2	1.7				Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite from 20 to 15.5 feet bgs, No. 3 Sand from 15.5 to 14.5 feet bgs, hydrated granular bentonite from 14.5 to 5.5 feet bgs, No. 3 Sand from 5.5 to 4.5 feet bgs, and hydrated granular bentonite from 4.5 feet bgs to surface. Soil vapor probes installed at 15 and 5 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
30									
40									

DATE DRILLED 3/11/20 BORING NO. B4

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	10:26	B4-1	9.6			ML	ALLUVIUM: Brown, dry, soft, SILT; micaceous; trace root fragments; trace gravel; no odor.
									No gravel; no root fragments.
		■	10:35	B4-5	5.1				Few clay; no mica minerals.
								SM	Brown, slightly moist, medium dense, silty SAND; no odor.
10		■	10:38	B4-10	4.4				
								SP	Brown, dry, loose, poorly graded, fine grained, SAND; micaceous; no odor.
									No mica minerals; loose.
		■	10:40	B4-15	5.1				Light brown; medium dense; fine to medium grained.
20		■	10:41	B4-20	5.6				Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite from 20 to 15.5 feet bgs; No. 3 Sand from 15.5 to 14.5 feet bgs, hydrated granular bentonite from 14.5 to 5.5 feet bgs, No. 3 Sand from 5.5 to 4.5 feet bgs, hydrated granular bentonite from 4.5 feet bgs to surface. Soil vapor probes installed at 15 and 5 feet bgs.
30									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
40									

DATE DRILLED 3/11/20 BORING NO. B5

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	11:16	B5-1	3.8			ML	ALLUVIUM: Brown, dry,soft, SILT; micaceous; trace root fragments; trace gravel; no odor.
									Few clay; no mica minerals.
		■	11:24	B5-5	2.6				
								SM	Brown, slightly moist, medium dense, silty SAND; no odor.
10		■	11:28	B5-10	4.8			SP	Brown, dry, loose, poorly graded, fine grained SAND; micaceous; no odor.
									No mica minerals.
		■	11:31	B5-15	3.3				
20		■	11:33	B5-20	2.3				Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite from 20 to 15.5 feet bgs; No. 3 Sand from 15.5 to 14.5 feet bgs hydrated granular bentonite from 14.5 to 5.5 feet bgs; No. 3 Sand from 5.5 to 4.5 feet bgs; and hydrated granular bentonite from 4.5 feet bgs to surface. Soil vapor probes installed at 15 and 5 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/11/20 BORING NO. B6

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	12:33	B6-1	1.9			ML	ALLUVIUM: Brown, dry, soft, SILT; micaceous; trace root fragments; no odor.
									No root fragments.
		■	12:44	B6-5	1.6				Few clay/ no mica minerals.
10		■	12:47	B6-10	1.7			SM	Brown, slightly moist, medium dense, silty SAND; no odor.
								SP	Brown, dry, loose, fine grained, poorly graded SAND; micaceous; no odor.
		■	12:51	B6-15 DUP3	1.5				
									Dark brown.
20		■	12:52	B6-20	1.8				Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite from 20 to 15.5 feet bgs; No. 3 Sand from 15.5 to 14.5 feet bgs; hydrated granular bentonite from 14.5 to 5.5 feet bgs; No. 3 Sand from 5.5 to 4.5 feet bgs; and hydrated granular bentonite from 4.5 feet bgs to surface. Soil vapor probes installed at 15 to 5 feet bgs.
30									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/11/20 BORING NO. B7

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	13:26	B7-1	2.0			ML	ALLUVIUM: Brown, dry, soft, SILT; micaceous; trace root fragments; trace gravel; no odor.
									Few clay; no mica minerals; no root fragments; no gravel.
		■	13:34	B7-5	1.0				
									Dark brown.
10		■	13:38	B7-10	3.1			SM	Dark brown, slightly moist, medium dense, silty SAND; no odor.
								SP	Brown, slightly moist, medium dense, poorly graded, fine grained SAND; micaceous; no odor.
		■	13:40	B7-15	2.6				
									Light brown.
									Reddish yellow coloration/oxidation.
20		■	13:43	B7-20	2.1				Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite from 20 to 15.5 feet bgs; No. 3 Sand from 15.5 to 14.5 feet bgs; hydrated granular bentonite from 14.5 to 5.5 feet bgs; No. 3 Sand from 5.5 to 4.5 feet bgs; and hydrated granular bentonite from 4.5 feet bgs to surface. Soil vapor probes installed at 15 and 5 feet bgs.
30									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/11/20 BORING NO. B8

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs; Direct Push to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY CX LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	14:12	B8-1	2.5			ML	ALLUVIUM: Brown, slightly moist, soft, SILT; micaceous; trace root fragments; trace gravel; no odor; no root fragments; no gravel. No mica minerals. Light brown.
		■	14:20	B8-5	2.2				Brown.
								SM	Brown, dry, medium dense, silty SAND; micaceous; no odor.
10		■	14:26	B8-10	2.7				
								SP	Brown, slightly moist, medium dense, poorly graded, fine grained SAND; micaceous; no odor.
		■	14:28	B8-15	3.3				Slight oxidation; rusting for 1 inch.
20		■	14:30	B8-20	1.4				Total Depth = 20 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite from 20 to 15.5 feet bgs; No. 3 Sand from 15.5 to 14.5 feet bgs; hydrated granular bentonite from 14.5 to 5.5 feet bgs; No. 3 Sand from 5.5 to 4.5 feet bgs; and hydrated granular bentonite from 4.5 feet bgs to surface. Soil vapor probes installed at 15 and 5 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/17/20 BORING NO. B9

GROUND ELEVATION 288' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JF LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	07:13	B9-0.5	0.6			ML	ALLUVIUM: Brown, slightly moist, soft, SILT; micaceous; trace root fragments; trace gravel; no odor.
		■	07:15	B9-1.5	0.7				No gravel; no root fragments; dry.
		■	07:17	B9-2.5	1.1				
		■	07:19	B9-5	0.8				Total Depth = 5 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite to surface. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/12/20 BORING NO. B10

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to 5' bgs

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JF LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	07:33	B10-0.5	0.8			ML	ALLUVIUM: Brown, slightly moist, soft, SILT; micaceous; trace root fragments; trace gravel.
		■	07:35	B10-1.5	1.1				No gravel; no root fragments; dry.
		■	07:37	B10-2.5	1.1				
		■	07:38	B10-5 DUP4	0.7				Total Depth = 5 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/12/20 BORING NO. B11

GROUND ELEVATION 288' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JF LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	08:01	B11-0.5	0.8			ML	ALLUVIUM: Brown, slightly moist, soft, SILT; micaceous; trace root fragments; trace gravel.
		■	08:03	B11-1.5	0.0				No root fragments; no gravel; dry.
		■	08:04	B11-2.5	1.4				
									Light brown.
		■	08:06	B11-5	1.4				Total Depth = 5 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite.
10									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.
									The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/12/20 BORING NO. B12

GROUND ELEVATION 288' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JF LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	08:15	B12-0.5	1.3			ML	ALLUVIUM: Brown, slightly moist, soft, SILT; micaceous; trace root fragments; no odor.
		■	08:16	B12-1.5	1.4				No root fragments; dry.
		■	08:19	B12-2.5	1.7				
		■	08:21	B12-5	1.9				Light brown.
									Total Depth = 5 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite.
10									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/12/20 BORING NO. B13

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JF LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	08:41	B13-0.5 DUP5	0.4			ML	ALLUVIUM: Brown, slightly moist, soft, SILT; micaceous; trace root fragments; no odor.
		■	08:43	B13-1.5	1.5				Dry; no root fragments.
		■	08:44	B13-2.5 DUP6	1.4				
		■	08:46	B13-5	2.8				
10									Total Depth = 5 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 3/12/20 BORING NO. B14

GROUND ELEVATION 289' ± (AMSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger to TD

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JF LOGGED BY JF REVIEWED BY JJR

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE TIME	SAMPLE ID	PID READING (ppm)	MOISTURE	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0		■	08:56	B14-0.5	1.2			ML	ALLUVIUM: Brown, slightly moist, soft, SILT; micaceous; trace root fragments; no odor.
		■	08:58	B14-1.5	1.3				Dry; no root fragments.
		■	08:59	DUP7 B14-2.5	3.0				
		■	09:01	B14-5	3.1				Total Depth = 5 feet bgs. Groundwater was not encountered during drilling. Backfilled with hydrated granular bentonite. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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APPENDIX C

Analytical Laboratory Reports

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

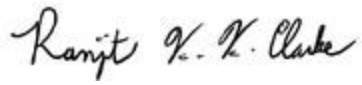
Lab Job Number: 425712
Report Level: II
Report Date: 03/18/2020

Analytical Report *prepared for:*

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Location: City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA

Authorized for release by:



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

ENTHALPY ANALYTICAL

Sample Summary

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425712
Location: City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA
Date Received: 03/11/20

Sample ID	Lab ID	Collected	Matrix
B1-1	425712-001	03/11/20 07:44	Soil
B1-5	425712-002	03/11/20 07:57	Soil
B1-10	425712-003	03/11/20 08:01	Soil
B1-15	425712-004	03/11/20 08:05	Soil
B1-20	425712-005	03/11/20 08:07	Soil
B2-1	425712-006	03/11/20 08:45	Soil
B2-5	425712-007	03/11/20 08:58	Soil
B2-10	425712-008	03/11/20 09:00	Soil
B2-15	425712-009	03/11/20 09:02	Soil
B2-20	425712-010	03/11/20 09:03	Soil
B3-1	425712-011	03/11/20 09:36	Soil
B3-5	425712-012	03/11/20 09:45	Soil
B3-10	425712-013	03/11/20 09:47	Soil
B3-15	425712-014	03/11/20 09:52	Soil
B3-20	425712-015	03/11/20 09:55	Soil
B4-1	425712-016	03/11/20 10:26	Soil
B4-5	425712-017	03/11/20 10:35	Soil
B4-10	425712-018	03/11/20 10:38	Soil
B4-15	425712-019	03/11/20 10:40	Soil
B4-20	425712-020	03/11/20 10:41	Soil
B5-1	425712-021	03/11/20 11:16	Soil
B5-5	425712-022	03/11/20 11:24	Soil
B5-10	425712-023	03/11/20 11:28	Soil
B5-15	425712-024	03/11/20 11:31	Soil
B5-20	425712-025	03/11/20 11:33	Soil
B6-1	425712-026	03/11/20 12:33	Soil
B6-5	425712-027	03/11/20 12:44	Soil
B6-10	425712-028	03/11/20 12:47	Soil

ENTHALPY ANALYTICAL

Sample Summary

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425712
Location: City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA
Date Received: 03/11/20

Sample ID	Lab ID	Collected	Matrix
B6-15	425712-029	03/11/20 12:51	Soil
B6-20	425712-030	03/11/20 12:52	Soil
B7-1	425712-031	03/11/20 13:26	Soil
B7-5	425712-032	03/11/20 13:34	Soil
B7-10	425712-033	03/11/20 13:38	Soil
B7-15	425712-034	03/11/20 13:40	Soil
B7-20	425712-035	03/11/20 13:43	Soil
B8-1	425712-036	03/11/20 14:12	Soil
B8-5	425712-037	03/11/20 14:20	Soil
B8-10	425712-038	03/11/20 14:26	Soil
B8-15	425712-039	03/11/20 14:28	Soil
B8-20	425712-040	03/11/20 14:30	Soil
DUP1	425712-041	03/11/20 00:00	Soil
DUP2	425712-042	03/11/20 00:00	Soil
DUP3	425712-043	03/11/20 00:00	Soil
EB-A-03112020	425712-044	03/11/20 14:58	Water
EB-B-03112020	425712-045	03/11/20 15:02	Water
TB-03112020	425712-046	03/11/20 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

Ninyo & Moore 475 Goddard Suite 200 Irvine, CA 92618 Patrick Cullip	Lab Job Number:	425712
	Location:	City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA
	Date Received:	03/11/20

This data package contains sample and QC results for thirty four soil samples and three water samples, requested for the above referenced project on 03/11/20. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:
Low surrogate recovery was observed for n-triacontane in EB-A-03112020 (lab # 425712-044). No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M) Soil:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
No analytical problems were encountered.

Metals (EPA 6010B) Water:
No analytical problems were encountered.

Metals (EPA 6010B) Soil:
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 425712

Page: 1 of 5

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B	TPH by EPA 8015B/5035	VOCs by EPA 8260b/5035	Tile 22 Metals by EPA 6010B/7471A	TPH by EPA 8015							Test Instructions / Comments
1	B1-1	03/11/2020	07:44	Soil	1 sleeve, 5 VOAs	ice	X											
2	B1-5		07:57				X	X	X		X							
3	B1-10		08:01				X											
4	B1-15		08:05					X	X		X							
5	B1-20		08:07															Hold
6	B2-1		08:45				X											
7	B2-5		08:58				X	X	X		X							
8	B2-10		09:00				X											
9	B2-15		09:02					X	X		X							
10	B2-20		09:03															Hold

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jackson Flanagan	Ninyo & Moore Staff	03/11/2020 1634
[1] Received By:		Fernando Dun	CR	3/11/20 1634
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

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Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record
Lab No:
Page: 2 of 5

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B	TPHd by EPA ~~8015B~~	VOCs by EPA 8260b/5035	Tile 22 Metals by EPA 6010B/7471A	TPHd/o by EPA 8015B	Test Instructions / Comments
1	B3-1	03/11/2020	09:36	Soil	1 sleeve 5 VOAs	ice	X					
2	B3-5		09:45				X	X	X		X	
3	B3-10		09:47				X					
4	B3-15		09:52					X	X		X	
5	B3-20		09:55									Hold
6	B4-1		10:26				X					
7	B4-5		10:35				X	X	X		X	
8	B4-10		10:38				X					
9	B4-15		10:40					X	X		X	
10	B4-20		10:41									Hold

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jackson Flanagan	Ninyo & Moore Staff	03/11/2020 1634
[1] Received By:		FEDEX DWN	ES	3/11/20 1634
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 3 of 5

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B	TPH by EPA ~~8015B/8015~~ 8015B/8015	VOCs by EPA 8260b/5035	Tile 22 Metals by EPA 6010B/7471A	TPHd/o by EPA 8015B	Test Instructions / Comments
1	B5-1	03/11/2020	11:16	Soil	1 sleeve 5 VOAs	ice	X					
2	B5-5	"	11:24	"	"	"	X	X	X		X	
3	B5-10	"	11:28	"	"	"	X					
4	B5-15	"	11:31	"	"	"		X	X		X	
5	B5-20	"	11:33	"	"	"						Hold
6	B6-1	"	12:33	"	"	"	X					
7	B6-5	"	12:44	"	"	"	X	X	X		X	
8	B6-10	"	12:47	"	"	"	X					
9	B6-15	"	12:51	"	"	"		X	X		X	
10	B6-20	"	12:52	"	"	"						Hold

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jackson Flanagan	Ninyo & Moore Staff	03/11/2020 1634
[1] Received By:		FEDEX DWN	ENV	3/11/20 1634
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 4 of 5

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B TF 03/11/2020	TPH by EPA 8015B/8015M	VOCs by EPA 8260b/5035	Title 22 Metals by EPA 6010B/7471A	TPHd by EPA 8015B						Test Instructions / Comments
1	B7-1	03/11/2020	13:26	Soil	1 sleeve, 5 VOAs	ice	X										
2	B7-5		13:34				X	X	X		X						
3	B7-10		13:38				X										
4	B7-15		13:40					X	X		X						
5	B7-20		13:43														Hold
6	B8-1		14:12				X										
7	B8-5		14:20				X	X	X		X						
8	B8-10		14:26				X										
9	B8-15		14:28					X	X		X						
10	B8-20		14:30														Hold

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jackson Flanagan	Ninyo & Moore Staff	03/11/2020 1634
[1] Received By:		Penny Wu DWR	on	3/11/20 1634
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 5 of 5

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B JF 03/11/2020	TPH by EPA 8015B/5035	VOCs by EPA 8260b/5035	Title 22 Metals by EPA 6010B/7471A	TPH/a by EPA 8015B	Test Instructions / Comments
1	DUP1	03/11/2020	--	Soil	1 st eave 5 VOAs	ice	X	X	X		X	
2	DUP2	↓	--	↓	↓	↓						Hold
3	DUP3		--					X	X		X	
4	EB-A-03112020		14:58	Water	1 amber jar, 500mL, 6 VOAs		X	X	X		X	Drill Rig Shoe
5	EB-B-03112020		15:02		1 amber jar, 500mL, 6 VOAs		X	X	X		X	Hand Auger
6	TB-03112020	↓	--		2 VOAs	↓			X			
7												
8			JF 03/11/2020									
9												
10												

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jackson Flanagan	Ninyo & Moore Staff	03/11/2020 1634
[1] Received By:		Fernando Diaz	CM	3/11/20 1634
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: _____

Date Received: 3/11/20 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.5 #2: 5.7 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 14.5 #2: 15.8 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

_____

_____

_____

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 3/11/20

ENTHALPY ANALYTICAL

Analysis Results for 425712

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425712
Location: City of El Monte Area Y - 10819
Valley Boulevard, El Monte, CA
Date Received: 03/11/20

Sample ID: B1-1 **Lab ID: 425712-001** **Collected: 03/11/20 07:44**
Matrix: Soil

425712-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.6**		mg/Kg	0.87	0.87	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B1-5	Lab ID: 425712-002	Collected: 03/11/20 07:57
	Matrix: Soil	

425712-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.7**		mg/Kg	0.98	0.98	243192	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.8	1.6	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	105%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
Surrogates				**Limits**					
n-Triacontane	74%		%REC	50-150	1	243273	03/13/20	03/16/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	14	1.4	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	140	1.4	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	140	1.4	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Benzene	**13**		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	14	1.4	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	7.1	1.4	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ
Toluene-d8	100%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	101%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ

Sample ID: B1-10 **Lab ID: 425712-003** **Collected: 03/11/20 08:01**
Matrix: Soil

425712-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**9.5**		mg/Kg	0.93	0.93	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B1-15	Lab ID: 425712-004	Collected: 03/11/20 08:05
	Matrix: Soil	

425712-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	5.0	1.7	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	95%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	TJW
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	TJW
Surrogates				**Limits**					
n-Triacontane	77%		%REC	50-150	1	243273	03/13/20	03/16/20	TJW
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	15	1.5	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	150	1.5	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	150	1.5	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	15	1.5	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	7.6	1.5	243128	03/12/20	03/12/20	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	1.5	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-145	1.5	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	102%		%REC	70-145	1.5	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	100%		%REC	70-145	1.5	243128	03/12/20	03/12/20	LYZ

Sample ID: B2-1 **Lab ID: 425712-006** **Collected: 03/11/20 08:45**
Matrix: Soil

425712-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**13**		mg/Kg	1.0	1	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B2-5	Lab ID: 425712-007	Collected: 03/11/20 08:58
	Matrix: Soil	

425712-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.3**		mg/Kg	0.87	0.87	243192	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.8	1.6	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	110%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
Surrogates				**Limits**					
n-Triacontane	77%		%REC	50-150	1	243273	03/13/20	03/16/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	20	2	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	200	2	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	200	2	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Benzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	20	2	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	10	2	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	110%		%REC	70-145	2	243128	03/12/20	03/12/20	LYZ
Toluene-d8	100%		%REC	70-145	2	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	102%		%REC	70-145	2	243128	03/12/20	03/12/20	LYZ

Sample ID: B2-10 **Lab ID: 425712-008** **Collected: 03/11/20 09:00**
Matrix: Soil

425712-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.8**		mg/Kg	1.1	1.1	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B2-15	Lab ID: 425712-009	Collected: 03/11/20 09:02
	Matrix: Soil	

425712-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	3.3	1.1	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	105%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
Surrogates				**Limits**					
n-Triacontane	84%		%REC	50-150	1	243273	03/13/20	03/16/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	1	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	100	1	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	100	1	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	5.1	1	243128	03/12/20	03/12/20	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	1	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-145	1	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	99%		%REC	70-145	1	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	99%		%REC	70-145	1	243128	03/12/20	03/12/20	LYZ

Sample ID: B3-1 **Lab ID: 425712-011** **Collected: 03/11/20 09:36**
Matrix: Soil

425712-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.3**		mg/Kg	1.1	1.1	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B3-5	Lab ID: 425712-012	Collected: 03/11/20 09:45
	Matrix: Soil	

425712-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**7.2**		mg/Kg	1.0	1	243192	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.3	1.4	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	110%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	**14**		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
Surrogates				**Limits**					
n-Triacontane	84%		%REC	50-150	1	243273	03/13/20	03/16/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	17	1.7	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	170	1.7	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	170	1.7	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Benzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	17	1.7	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	8.6	1.7	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	1.7	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	112%		%REC	70-145	1.7	243128	03/12/20	03/12/20	LYZ
Toluene-d8	99%		%REC	70-145	1.7	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	100%		%REC	70-145	1.7	243128	03/12/20	03/12/20	LYZ

Sample ID: B3-10 **Lab ID: 425712-013** **Collected: 03/11/20 09:47**
Matrix: Soil

425712-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.1**		mg/Kg	0.99	0.99	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B3-15	Lab ID: 425712-014	Collected: 03/11/20 09:52
	Matrix: Soil	

425712-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	3.3	1.1	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	100%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
Surrogates				**Limits**					
n-Triacontane	51%		%REC	50-150	1	243273	03/13/20	03/16/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	12	1.2	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	120	1.2	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	120	1.2	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	12	1.2	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	6.1	1.2	243128	03/12/20	03/12/20	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	1.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	1.2	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	103%		%REC	70-145	1.2	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	101%		%REC	70-145	1.2	243128	03/12/20	03/12/20	LYZ

Sample ID: B4-1 **Lab ID: 425712-016** **Collected: 03/11/20 10:26**
Matrix: Soil

425712-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.1**		mg/Kg	1.1	1.1	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B4-5	Lab ID: 425712-017	Collected: 03/11/20 10:35
	Matrix: Soil	

425712-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.8**		mg/Kg	1.1	1.1	243192	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.6	1.5	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	100%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
Surrogates				**Limits**					
n-Triacontane	86%		%REC	50-150	1	243273	03/13/20	03/16/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	14	1.4	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	140	1.4	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	140	1.4	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Benzene	**23**		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Toluene	**9.7**		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	14	1.4	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	6.8	1.4	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	110%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ
Toluene-d8	100%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	102%		%REC	70-145	1.4	243128	03/12/20	03/12/20	LYZ

Sample ID: B4-10 **Lab ID: 425712-018** **Collected: 03/11/20 10:38**
Matrix: Soil

425712-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.0**		mg/Kg	0.97	0.97	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B4-15	Lab ID: 425712-019	Collected: 03/11/20 10:40
	Matrix: Soil	

425712-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	5.0	1.7	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	95%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/16/20	MTS
Surrogates				**Limits**					
n-Triacontane	78%		%REC	50-150	1	243273	03/13/20	03/16/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	11	1.1	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	110	1.1	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	110	1.1	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	11	1.1	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	5.4	1.1	243128	03/12/20	03/12/20	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	1.1	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	110%		%REC	70-145	1.1	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	101%		%REC	70-145	1.1	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	102%		%REC	70-145	1.1	243128	03/12/20	03/12/20	LYZ

Sample ID: B5-1 **Lab ID: 425712-021** **Collected: 03/11/20 11:16**
Matrix: Soil

425712-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**29**		mg/Kg	1.0	1	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B5-5	Lab ID: 425712-022	Collected: 03/11/20 11:24
	Matrix: Soil	

425712-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**16**		mg/Kg	0.96	0.96	243192	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	3.7	1.2	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	110%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	86%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	19	1.9	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	190	1.9	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	190	1.9	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Benzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	19	1.9	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	9.6	1.9	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	1.9	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-145	1.9	243128	03/12/20	03/12/20	LYZ
Toluene-d8	102%		%REC	70-145	1.9	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	101%		%REC	70-145	1.9	243128	03/12/20	03/12/20	LYZ

Sample ID: B5-10 **Lab ID: 425712-023** **Collected: 03/11/20 11:28**
Matrix: Soil

425712-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.2**		mg/Kg	0.90	0.9	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B5-15	Lab ID: 425712-024	Collected: 03/11/20 11:31
	Matrix: Soil	

425712-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	5.0	1.7	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	85%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	83%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	22	2.2	243128	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	220	2.2	243128	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	220	2.2	243128	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	22	2.2	243128	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	11	2.2	243128	03/12/20	03/12/20	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	2.2	243128	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	2.2	243128	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	102%		%REC	70-145	2.2	243128	03/12/20	03/12/20	LYZ
Bromofluorobenzene	101%		%REC	70-145	2.2	243128	03/12/20	03/12/20	LYZ

Sample ID: B6-1 **Lab ID: 425712-026** **Collected: 03/11/20 12:33**
Matrix: Soil

425712-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.6**		mg/Kg	0.85	0.85	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B6-5	Lab ID: 425712-027	Collected: 03/11/20 12:44
	Matrix: Soil	

425712-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.7**		mg/Kg	0.97	0.97	243192	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	5.0	1.7	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	100%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	84%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Isopropyl Ether (DIPE)	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
tert-Butyl Alcohol (TBA)	ND		ug/Kg	14	1.4	243140	03/12/20	03/12/20	RFL
Freon 12	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Chloromethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Vinyl Chloride	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Bromomethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Chloroethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Trichlorofluoromethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Acetone	ND		ug/Kg	140	1.4	243140	03/12/20	03/12/20	RFL
Freon 113	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Methylene Chloride	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
MTBE	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
trans-1,2-Dichloroethene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
2-Butanone	ND		ug/Kg	140	1.4	243140	03/12/20	03/12/20	RFL
cis-1,2-Dichloroethene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
2,2-Dichloropropane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Chloroform	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Bromochloromethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,1,1-Trichloroethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Carbon Tetrachloride	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Benzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Trichloroethene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2-Dichloropropane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Bromodichloromethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Dibromomethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
4-Methyl-2-Pentanone	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
cis-1,3-Dichloropropene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Toluene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
trans-1,3-Dichloropropene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,1,2-Trichloroethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,3-Dichloropropane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Tetrachloroethene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Dibromochloromethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2-Dibromoethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Chlorobenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Ethylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
m,p-Xylenes	ND		ug/Kg	14	1.4	243140	03/12/20	03/12/20	RFL
o-Xylene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Styrene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Bromoform	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Isopropylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2,3-Trichloropropane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Propylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Bromobenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,3,5-Trimethylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
2-Chlorotoluene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
4-Chlorotoluene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
tert-Butylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2,4-Trimethylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
sec-Butylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
para-Isopropyl Toluene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,3-Dichlorobenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,4-Dichlorobenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
n-Butylbenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2-Dichlorobenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2,4-Trichlorobenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Hexachlorobutadiene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Naphthalene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
1,2,3-Trichlorobenzene	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL
Xylene (total)	ND		ug/Kg	7.1	1.4	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	1.4	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane-d4	107%		%REC	70-145	1.4	243140	03/12/20	03/12/20	RFL
Toluene-d8	100%		%REC	70-145	1.4	243140	03/12/20	03/12/20	RFL
Bromofluorobenzene	101%		%REC	70-145	1.4	243140	03/12/20	03/12/20	RFL

Sample ID: B6-10 **Lab ID: 425712-028** **Collected: 03/11/20 12:47**
Matrix: Soil

425712-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**9.5**		mg/Kg	0.83	0.83	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

Sample ID: B6-15	Lab ID: 425712-029	Collected: 03/11/20 12:51
	Matrix: Soil	

425712-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.7	1.6	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	100%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	85%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Isopropyl Ether (DIPE)	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
tert-Butyl Alcohol (TBA)	ND		ug/Kg	16	1.6	243140	03/12/20	03/12/20	RFL
Freon 12	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Chloromethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Vinyl Chloride	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Bromomethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Chloroethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Trichlorofluoromethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Acetone	ND		ug/Kg	160	1.6	243140	03/12/20	03/12/20	RFL
Freon 113	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Methylene Chloride	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
MTBE	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
trans-1,2-Dichloroethene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
2-Butanone	ND		ug/Kg	160	1.6	243140	03/12/20	03/12/20	RFL
cis-1,2-Dichloroethene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
2,2-Dichloropropane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Chloroform	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Bromochloromethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,1,1-Trichloroethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,1-Dichloropropene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Carbon Tetrachloride	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Trichloroethene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2-Dichloropropane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Bromodichloromethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Dibromomethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
cis-1,3-Dichloropropene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Toluene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
trans-1,3-Dichloropropene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,1,2-Trichloroethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,3-Dichloropropane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Tetrachloroethene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Dibromochloromethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2-Dibromoethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Chlorobenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Ethylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
m,p-Xylenes	ND		ug/Kg	16	1.6	243140	03/12/20	03/12/20	RFL
o-Xylene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Styrene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Bromoform	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Isopropylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2,3-Trichloropropane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Propylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Bromobenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,3,5-Trimethylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
2-Chlorotoluene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
4-Chlorotoluene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
tert-Butylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2,4-Trimethylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
sec-Butylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
para-Isopropyl Toluene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,3-Dichlorobenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,4-Dichlorobenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
n-Butylbenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2-Dichlorobenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2,4-Trichlorobenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Hexachlorobutadiene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Naphthalene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
1,2,3-Trichlorobenzene	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Xylene (total)	ND		ug/Kg	8.1	1.6	243140	03/12/20	03/12/20	RFL
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	1.6	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane-d4	102%		%REC	70-145	1.6	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	103%		%REC	70-145	1.6	243140	03/12/20	03/12/20	RFL
Bromofluorobenzene	98%		%REC	70-145	1.6	243140	03/12/20	03/12/20	RFL

Sample ID: B7-1 **Lab ID: 425712-031** **Collected: 03/11/20 13:26**
Matrix: Soil

425712-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**19**		mg/Kg	0.91	0.91	243192	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: B7-5	Lab ID: 425712-032	Collected: 03/11/20 13:34
	Matrix: Soil	

425712-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**7.6**		mg/Kg	0.93	0.93	243192	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.3	1.4	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	110%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	87%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Isopropyl Ether (DIPE)	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
tert-Butyl Alcohol (TBA)	ND		ug/Kg	11	1.1	243140	03/12/20	03/12/20	RFL
Freon 12	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Chloromethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Vinyl Chloride	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Bromomethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Chloroethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Trichlorofluoromethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Acetone	ND		ug/Kg	110	1.1	243140	03/12/20	03/12/20	RFL
Freon 113	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Methylene Chloride	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
MTBE	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
trans-1,2-Dichloroethene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
2-Butanone	ND		ug/Kg	110	1.1	243140	03/12/20	03/12/20	RFL
cis-1,2-Dichloroethene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
2,2-Dichloropropane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Chloroform	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Bromochloromethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,1,1-Trichloroethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Carbon Tetrachloride	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Benzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Trichloroethene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2-Dichloropropane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Bromodichloromethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Dibromomethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
4-Methyl-2-Pentanone	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
cis-1,3-Dichloropropene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Toluene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
trans-1,3-Dichloropropene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,1,2-Trichloroethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,3-Dichloropropane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Tetrachloroethene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Dibromochloromethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2-Dibromoethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Chlorobenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Ethylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
m,p-Xylenes	ND		ug/Kg	11	1.1	243140	03/12/20	03/12/20	RFL
o-Xylene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Styrene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Bromoform	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Isopropylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2,3-Trichloropropane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Propylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Bromobenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,3,5-Trimethylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
2-Chlorotoluene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
4-Chlorotoluene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
tert-Butylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2,4-Trimethylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
sec-Butylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
para-Isopropyl Toluene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,3-Dichlorobenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,4-Dichlorobenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
n-Butylbenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2-Dichlorobenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2,4-Trichlorobenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Hexachlorobutadiene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Naphthalene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
1,2,3-Trichlorobenzene	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL
Xylene (total)	ND		ug/Kg	5.3	1.1	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	1.1	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane-d4	111%		%REC	70-145	1.1	243140	03/12/20	03/12/20	RFL
Toluene-d8	100%		%REC	70-145	1.1	243140	03/12/20	03/12/20	RFL
Bromofluorobenzene	101%		%REC	70-145	1.1	243140	03/12/20	03/12/20	RFL

Sample ID: B7-10 **Lab ID: 425712-033** **Collected: 03/11/20 13:38**
Matrix: Soil

425712-033 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	ND		mg/Kg	0.87	0.87	243194	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

Sample ID: B7-15	Lab ID: 425712-034	Collected: 03/11/20 13:40
	Matrix: Soil	

425712-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	5.0	1.7	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	105%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	86%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Isopropyl Ether (DIPE)	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
tert-Butyl Alcohol (TBA)	ND		ug/Kg	15	1.5	243140	03/12/20	03/12/20	RFL
Freon 12	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Chloromethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Vinyl Chloride	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Bromomethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Chloroethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Trichlorofluoromethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Acetone	ND		ug/Kg	150	1.5	243140	03/12/20	03/12/20	RFL
Freon 113	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Methylene Chloride	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
MTBE	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
trans-1,2-Dichloroethene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
2-Butanone	ND		ug/Kg	150	1.5	243140	03/12/20	03/12/20	RFL
cis-1,2-Dichloroethene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
2,2-Dichloropropane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Chloroform	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Bromochloromethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,1,1-Trichloroethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,1-Dichloropropene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Carbon Tetrachloride	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Trichloroethene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2-Dichloropropane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Bromodichloromethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Dibromomethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
4-Methyl-2-Pentanone	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
cis-1,3-Dichloropropene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Toluene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
trans-1,3-Dichloropropene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,1,2-Trichloroethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,3-Dichloropropane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Tetrachloroethene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Dibromochloromethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2-Dibromoethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Chlorobenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Ethylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
m,p-Xylenes	ND		ug/Kg	15	1.5	243140	03/12/20	03/12/20	RFL
o-Xylene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Styrene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Bromoform	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Isopropylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2,3-Trichloropropane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Propylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Bromobenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,3,5-Trimethylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
2-Chlorotoluene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
4-Chlorotoluene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
tert-Butylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2,4-Trimethylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
sec-Butylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
para-Isopropyl Toluene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,3-Dichlorobenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,4-Dichlorobenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
n-Butylbenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2-Dichlorobenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2,4-Trichlorobenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Hexachlorobutadiene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Naphthalene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
1,2,3-Trichlorobenzene	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Xylene (total)	ND		ug/Kg	7.4	1.5	243140	03/12/20	03/12/20	RFL
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	1.5	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane-d4	112%		%REC	70-145	1.5	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	98%		%REC	70-145	1.5	243140	03/12/20	03/12/20	RFL
Bromofluorobenzene	99%		%REC	70-145	1.5	243140	03/12/20	03/12/20	RFL

Sample ID: B8-1 **Lab ID: 425712-036** **Collected: 03/11/20 14:12**
Matrix: Soil

425712-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**12**		mg/Kg	0.86	0.86	243194	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

Sample ID: B8-5	Lab ID: 425712-037	Collected: 03/11/20 14:20
	Matrix: Soil	

425712-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.3**		mg/Kg	1.0	1	243194	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.8	1.6	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	105%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	74%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Isopropyl Ether (DIPE)	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
tert-Butyl Alcohol (TBA)	ND		ug/Kg	23	2.3	243140	03/12/20	03/12/20	RFL
Freon 12	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Chloromethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Vinyl Chloride	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Bromomethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Chloroethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Trichlorofluoromethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Acetone	ND		ug/Kg	230	2.3	243140	03/12/20	03/12/20	RFL
Freon 113	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Methylene Chloride	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
MTBE	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
trans-1,2-Dichloroethene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
2-Butanone	ND		ug/Kg	230	2.3	243140	03/12/20	03/12/20	RFL
cis-1,2-Dichloroethene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
2,2-Dichloropropane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Chloroform	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Bromochloromethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,1,1-Trichloroethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Carbon Tetrachloride	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Benzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Trichloroethene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2-Dichloropropane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Bromodichloromethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Dibromomethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
4-Methyl-2-Pentanone	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
cis-1,3-Dichloropropene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Toluene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
trans-1,3-Dichloropropene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,1,2-Trichloroethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,3-Dichloropropane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Tetrachloroethene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Dibromochloromethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2-Dibromoethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Chlorobenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Ethylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
m,p-Xylenes	ND		ug/Kg	23	2.3	243140	03/12/20	03/12/20	RFL
o-Xylene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Styrene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Bromoform	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Isopropylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2,3-Trichloropropane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Propylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Bromobenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,3,5-Trimethylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
2-Chlorotoluene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
4-Chlorotoluene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
tert-Butylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2,4-Trimethylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
sec-Butylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
para-Isopropyl Toluene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,3-Dichlorobenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,4-Dichlorobenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
n-Butylbenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2-Dichlorobenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2,4-Trichlorobenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Hexachlorobutadiene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Naphthalene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
1,2,3-Trichlorobenzene	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL
Xylene (total)	ND		ug/Kg	11	2.3	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	2.3	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane-d4	109%		%REC	70-145	2.3	243140	03/12/20	03/12/20	RFL
Toluene-d8	101%		%REC	70-145	2.3	243140	03/12/20	03/12/20	RFL
Bromofluorobenzene	100%		%REC	70-145	2.3	243140	03/12/20	03/12/20	RFL

Sample ID: B8-10 **Lab ID: 425712-038** **Collected: 03/11/20 14:26**
Matrix: Soil

425712-038 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**2.7**		mg/Kg	1.0	1	243194	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

Sample ID: B8-15	Lab ID: 425712-039	Collected: 03/11/20 14:28
	Matrix: Soil	

425712-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	3.5	1.2	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	110%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	82%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Isopropyl Ether (DIPE)	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
tert-Butyl Alcohol (TBA)	ND		ug/Kg	13	1.3	243140	03/12/20	03/12/20	RFL
Freon 12	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Chloromethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Vinyl Chloride	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Bromomethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Chloroethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Trichlorofluoromethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Acetone	ND		ug/Kg	130	1.3	243140	03/12/20	03/12/20	RFL
Freon 113	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Methylene Chloride	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
MTBE	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
trans-1,2-Dichloroethene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,1-Dichloroethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
2-Butanone	ND		ug/Kg	130	1.3	243140	03/12/20	03/12/20	RFL
cis-1,2-Dichloroethene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
2,2-Dichloropropane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Chloroform	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Bromochloromethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,1,1-Trichloroethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,1-Dichloropropene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Carbon Tetrachloride	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Trichloroethene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2-Dichloropropane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Bromodichloromethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Dibromomethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
4-Methyl-2-Pentanone	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
cis-1,3-Dichloropropene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Toluene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
trans-1,3-Dichloropropene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,1,2-Trichloroethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,3-Dichloropropane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Tetrachloroethene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Dibromochloromethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2-Dibromoethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Chlorobenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Ethylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
m,p-Xylenes	ND		ug/Kg	13	1.3	243140	03/12/20	03/12/20	RFL
o-Xylene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Styrene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Bromoform	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Isopropylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2,3-Trichloropropane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Propylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Bromobenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,3,5-Trimethylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
2-Chlorotoluene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
4-Chlorotoluene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
tert-Butylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2,4-Trimethylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
sec-Butylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
para-Isopropyl Toluene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,3-Dichlorobenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,4-Dichlorobenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
n-Butylbenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2-Dichlorobenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2,4-Trichlorobenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Hexachlorobutadiene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Naphthalene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
1,2,3-Trichlorobenzene	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Xylene (total)	ND		ug/Kg	6.6	1.3	243140	03/12/20	03/12/20	RFL
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	1.3	243140	03/12/20	03/12/20	RFL
1,2-Dichloroethane-d4	111%		%REC	70-145	1.3	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	98%		%REC	70-145	1.3	243140	03/12/20	03/12/20	RFL
Bromofluorobenzene	100%		%REC	70-145	1.3	243140	03/12/20	03/12/20	RFL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: DUP1	Lab ID: 425712-041	Collected: 03/11/20
	Matrix: Soil	

425712-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.3**		mg/Kg	0.93	0.93	243194	03/12/20	03/13/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.3	1.4	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	100%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	79%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	14	1.4	243140	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	140	1.4	243140	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	140	1.4	243140	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Benzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	14	1.4	243140	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	6.9	1.4	243140	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	1.4	243140	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	110%		%REC	70-145	1.4	243140	03/12/20	03/12/20	LYZ
Toluene-d8	100%		%REC	70-145	1.4	243140	03/12/20	03/12/20	LYZ
Bromofluorobenzene	99%		%REC	70-145	1.4	243140	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

Sample ID: DUP3	Lab ID: 425712-043	Collected: 03/11/20
	Matrix: Soil	

425712-043 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	4.8	1.6	243158	03/12/20	03/12/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	100%		%REC	60-140	1	243158	03/12/20	03/12/20	EMW
Method: EPA 8015M Prep Method: EPA 3580									
DRO C10-C28	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
ORO C28-C44	ND		mg/Kg	10	1	243273	03/13/20	03/17/20	MTS
Surrogates				**Limits**					
n-Triacontane	71%		%REC	50-150	1	243273	03/13/20	03/17/20	MTS
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	11	1.1	243140	03/12/20	03/12/20	LYZ
Freon 12	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Chloromethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Vinyl Chloride	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Bromomethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Chloroethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Acetone	ND		ug/Kg	110	1.1	243140	03/12/20	03/12/20	LYZ
Freon 113	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Methylene Chloride	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
MTBE	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
2-Butanone	ND		ug/Kg	110	1.1	243140	03/12/20	03/12/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Chloroform	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Bromochloromethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-043 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Trichloroethene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Bromodichloromethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Dibromomethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Toluene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Tetrachloroethene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Dibromochloromethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Chlorobenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Ethylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
m,p-Xylenes	ND		ug/Kg	11	1.1	243140	03/12/20	03/12/20	LYZ
o-Xylene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Styrene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Bromoform	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Isopropylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Propylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Bromobenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
2-Chlorotoluene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
4-Chlorotoluene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
tert-Butylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
sec-Butylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
n-Butylbenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Naphthalene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Xylene (total)	ND		ug/Kg	5.6	1.1	243140	03/12/20	03/12/20	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	1.1	243140	03/12/20	03/12/20	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	1.1	243140	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-043 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	102%		%REC	70-145	1.1	243140	03/12/20	03/12/20	LYZ
Bromofluorobenzene	103%		%REC	70-145	1.1	243140	03/12/20	03/12/20	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

Sample ID: EB-A-03112020	Lab ID: 425712-044	Collected: 03/11/20 14:58
	Matrix: Water	

425712-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A									
Arsenic	ND		mg/L	0.010	1	243181	03/12/20	03/12/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		ug/L	50	1	243088	03/13/20	03/13/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	104%		%REC	60-140	1	243088	03/13/20	03/13/20	EMW
Method: EPA 8015B Prep Method: EPA 3510C									
TPH C10-C28	ND		mg/L	0.19	0.94	243206	03/12/20	03/13/20	TJW
TPH C28-C44	ND		mg/L	0.28	0.94	243206	03/12/20	03/13/20	TJW
Surrogates				**Limits**					
n-Triacontane	48%	*	%REC	50-150	0.94	243206	03/12/20	03/13/20	TJW
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Freon 12	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Vinyl Chloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromomethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Trichlorofluoromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Acetone	ND		ug/L	100	1	243276	03/13/20	03/13/20	RFL
Freon 113	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Methylene Chloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
MTBE	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2-Butanone	ND		ug/L	100	1	243276	03/13/20	03/13/20	RFL
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2,2-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloroform	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromochloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,1-Trichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Carbon Tetrachloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Benzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Trichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromodichloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Dibromomethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Toluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,2-Trichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Tetrachloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Dibromochloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dibromoethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Ethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
m,p-Xylenes	ND		ug/L	10	1	243276	03/13/20	03/13/20	RFL
o-Xylene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Styrene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromoform	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Isopropylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,3-Trichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Propylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2-Chlorotoluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
4-Chlorotoluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
tert-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
sec-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
para-Isopropyl Toluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,4-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
n-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Hexachlorobutadiene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Naphthalene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Xylene (total)	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloroethane-d4	99%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL
Toluene-d8	100%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromofluorobenzene	107%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

Sample ID: EB-B-03112020	Lab ID: 425712-045	Collected: 03/11/20 15:02
	Matrix: Water	

425712-045 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A									
Arsenic	ND		mg/L	0.010	1	243181	03/12/20	03/12/20	SBW
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		ug/L	50	1	243088	03/13/20	03/13/20	EMW
Surrogates				**Limits**					
Bromofluorobenzene (FID)	104%		%REC	60-140	1	243088	03/13/20	03/13/20	EMW
Method: EPA 8015B Prep Method: EPA 3510C									
TPH C10-C28	ND		mg/L	0.19	0.94	243206	03/12/20	03/13/20	TJW
TPH C28-C44	ND		mg/L	0.28	0.94	243206	03/12/20	03/13/20	TJW
Surrogates				**Limits**					
n-Triacontane	63%		%REC	50-150	0.94	243206	03/12/20	03/13/20	TJW
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Freon 12	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Vinyl Chloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromomethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Trichlorofluoromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Acetone	ND		ug/L	100	1	243276	03/13/20	03/13/20	RFL
Freon 113	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Methylene Chloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
MTBE	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2-Butanone	ND		ug/L	100	1	243276	03/13/20	03/13/20	RFL
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2,2-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloroform	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromochloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,1-Trichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Carbon Tetrachloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Benzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Trichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

425712-045 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromodichloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Dibromomethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Toluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,2-Trichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Tetrachloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Dibromochloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dibromoethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Ethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
m,p-Xylenes	ND		ug/L	10	1	243276	03/13/20	03/13/20	RFL
o-Xylene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Styrene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromoform	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Isopropylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,3-Trichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Propylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2-Chlorotoluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
4-Chlorotoluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
tert-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
sec-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
para-Isopropyl Toluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,4-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
n-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Hexachlorobutadiene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Naphthalene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Xylene (total)	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloroethane-d4	99%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL
Toluene-d8	100%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425712

425712-045 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromofluorobenzene	106%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 425712

Sample ID: TB-03112020	Lab ID: 425712-046	Collected: 03/11/20
	Matrix: Water	

425712-046 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Freon 12	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Vinyl Chloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromomethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Trichlorofluoromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Acetone	ND		ug/L	100	1	243276	03/13/20	03/13/20	RFL
Freon 113	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Methylene Chloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
MTBE	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,2-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2-Butanone	ND		ug/L	100	1	243276	03/13/20	03/13/20	RFL
cis-1,2-Dichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2,2-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chloroform	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromochloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,1-Trichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Carbon Tetrachloride	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Benzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Trichloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromodichloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Dibromomethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
cis-1,3-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Toluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,3-Dichloropropene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,2-Trichloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3-Dichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Tetrachloroethene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Dibromochloromethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dibromoethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Chlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Ethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425712

425712-046 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
m,p-Xylenes	ND		ug/L	10	1	243276	03/13/20	03/13/20	RFL
o-Xylene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Styrene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromoform	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Isopropylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,3-Trichloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Propylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Bromobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3,5-Trimethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
2-Chlorotoluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
4-Chlorotoluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
tert-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,4-Trimethylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
sec-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
para-Isopropyl Toluene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,3-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,4-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
n-Butylbenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,4-Trichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Hexachlorobutadiene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Naphthalene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
1,2,3-Trichlorobenzene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Xylene (total)	ND		ug/L	5.0	1	243276	03/13/20	03/13/20	RFL
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL
1,2-Dichloroethane-d4	99%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL
Toluene-d8	99%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL
Bromofluorobenzene	106%		%REC	70-140	1	243276	03/13/20	03/13/20	RFL

* Value is outside QC limits

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC862276**	**Batch:**	**243276**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC862276 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	03/13/20	03/13/20
Freon 12	ND		ug/L	5.0	03/13/20	03/13/20
Chloromethane	ND		ug/L	5.0	03/13/20	03/13/20
Vinyl Chloride	ND		ug/L	5.0	03/13/20	03/13/20
Bromomethane	ND		ug/L	5.0	03/13/20	03/13/20
Chloroethane	ND		ug/L	5.0	03/13/20	03/13/20
Trichlorofluoromethane	ND		ug/L	5.0	03/13/20	03/13/20
Acetone	ND		ug/L	100	03/13/20	03/13/20
Freon 113	ND		ug/L	5.0	03/13/20	03/13/20
1,1-Dichloroethene	ND		ug/L	5.0	03/13/20	03/13/20
Methylene Chloride	ND		ug/L	5.0	03/13/20	03/13/20
MTBE	ND		ug/L	5.0	03/13/20	03/13/20
trans-1,2-Dichloroethene	ND		ug/L	5.0	03/13/20	03/13/20
1,1-Dichloroethane	ND		ug/L	5.0	03/13/20	03/13/20
2-Butanone	ND		ug/L	100	03/13/20	03/13/20
cis-1,2-Dichloroethene	ND		ug/L	5.0	03/13/20	03/13/20
2,2-Dichloropropane	ND		ug/L	5.0	03/13/20	03/13/20
Chloroform	ND		ug/L	5.0	03/13/20	03/13/20
Bromochloromethane	ND		ug/L	5.0	03/13/20	03/13/20
1,1,1-Trichloroethane	ND		ug/L	5.0	03/13/20	03/13/20
1,1-Dichloropropene	ND		ug/L	5.0	03/13/20	03/13/20
Carbon Tetrachloride	ND		ug/L	5.0	03/13/20	03/13/20
1,2-Dichloroethane	ND		ug/L	5.0	03/13/20	03/13/20
Benzene	ND		ug/L	5.0	03/13/20	03/13/20
Trichloroethene	ND		ug/L	5.0	03/13/20	03/13/20
1,2-Dichloropropane	ND		ug/L	5.0	03/13/20	03/13/20
Bromodichloromethane	ND		ug/L	5.0	03/13/20	03/13/20
Dibromomethane	ND		ug/L	5.0	03/13/20	03/13/20
4-Methyl-2-Pentanone	ND		ug/L	5.0	03/13/20	03/13/20
cis-1,3-Dichloropropene	ND		ug/L	5.0	03/13/20	03/13/20
Toluene	ND		ug/L	5.0	03/13/20	03/13/20
trans-1,3-Dichloropropene	ND		ug/L	5.0	03/13/20	03/13/20
1,1,2-Trichloroethane	ND		ug/L	5.0	03/13/20	03/13/20
1,3-Dichloropropane	ND		ug/L	5.0	03/13/20	03/13/20
Tetrachloroethene	ND		ug/L	5.0	03/13/20	03/13/20
Dibromochloromethane	ND		ug/L	5.0	03/13/20	03/13/20
1,2-Dibromoethane	ND		ug/L	5.0	03/13/20	03/13/20
Chlorobenzene	ND		ug/L	5.0	03/13/20	03/13/20
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	03/13/20	03/13/20
Ethylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
m,p-Xylenes	ND		ug/L	10	03/13/20	03/13/20
o-Xylene	ND		ug/L	5.0	03/13/20	03/13/20

ENTHALPY ANALYTICAL

Batch QC

QC862276 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Styrene	ND		ug/L	5.0	03/13/20	03/13/20
Bromoform	ND		ug/L	5.0	03/13/20	03/13/20
Isopropylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	03/13/20	03/13/20
1,2,3-Trichloropropane	ND		ug/L	5.0	03/13/20	03/13/20
Propylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
Bromobenzene	ND		ug/L	5.0	03/13/20	03/13/20
1,3,5-Trimethylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
2-Chlorotoluene	ND		ug/L	5.0	03/13/20	03/13/20
4-Chlorotoluene	ND		ug/L	5.0	03/13/20	03/13/20
tert-Butylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
1,2,4-Trimethylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
sec-Butylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
para-Isopropyl Toluene	ND		ug/L	5.0	03/13/20	03/13/20
1,3-Dichlorobenzene	ND		ug/L	5.0	03/13/20	03/13/20
1,4-Dichlorobenzene	ND		ug/L	5.0	03/13/20	03/13/20
n-Butylbenzene	ND		ug/L	5.0	03/13/20	03/13/20
1,2-Dichlorobenzene	ND		ug/L	5.0	03/13/20	03/13/20
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	03/13/20	03/13/20
1,2,4-Trichlorobenzene	ND		ug/L	5.0	03/13/20	03/13/20
Hexachlorobutadiene	ND		ug/L	5.0	03/13/20	03/13/20
Naphthalene	ND		ug/L	5.0	03/13/20	03/13/20
1,2,3-Trichlorobenzene	ND		ug/L	5.0	03/13/20	03/13/20
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	03/13/20	03/13/20
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	03/13/20	03/13/20
Xylene (total)	ND		ug/L	5.0	03/13/20	03/13/20
Surrogates				**Limits**		
Dibromofluoromethane	95%		%REC	70-140	03/13/20	03/13/20
1,2-Dichloroethane-d4	96%		%REC	70-140	03/13/20	03/13/20
Toluene-d8	99%		%REC	70-140	03/13/20	03/13/20
Bromofluorobenzene	107%		%REC	70-140	03/13/20	03/13/20

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC862277	Batch: 243276
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC862277 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	54.97	50.00	ug/L	110%		59-172
MTBE	45.45	50.00	ug/L	91%		62-137
Benzene	47.43	50.00	ug/L	95%		62-137
Trichloroethene	44.85	50.00	ug/L	90%		66-142
Toluene	45.04	50.00	ug/L	90%		59-139
Chlorobenzene	45.55	50.00	ug/L	91%		60-133
Surrogates						
Dibromofluoromethane	51.27	50.00	ug/L	103%		70-140
1,2-Dichloroethane-d4	52.35	50.00	ug/L	105%		70-140
Toluene-d8	48.16	50.00	ug/L	96%		70-140
Bromofluorobenzene	48.50	50.00	ug/L	97%		70-140

Type: Matrix Spike	Lab ID: QC862278	Batch: 243276
Matrix (Source ID): Water (425823-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC862278 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	52.05	0	50.00	ug/L	104%		59-172	1
MTBE	45.73	0	50.00	ug/L	91%		62-137	1
Benzene	45.47	0	50.00	ug/L	91%		62-137	1
Trichloroethene	42.30	0	50.00	ug/L	85%		66-142	1
Toluene	43.19	0	50.00	ug/L	86%		59-139	1
Chlorobenzene	44.09	0	50.00	ug/L	88%		60-133	1
Surrogates								
Dibromofluoromethane	50.97		50.00	ug/L	102%		70-140	1
1,2-Dichloroethane-d4	53.08		50.00	ug/L	106%		70-140	1
Toluene-d8	47.66		50.00	ug/L	95%		70-140	1
Bromofluorobenzene	48.14		50.00	ug/L	96%		70-140	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862279**	**Batch:**	**243276**
Matrix (Source ID):	**Water (425823-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC862279 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	51.50	0	50.00	ug/L	103%		59-172	1	22	1
MTBE	45.84	0	50.00	ug/L	92%		62-137	0	21	1
Benzene	45.65	0	50.00	ug/L	91%		62-137	0	24	1
Trichloroethene	43.01	0	50.00	ug/L	86%		66-142	2	21	1
Toluene	43.17	0	50.00	ug/L	86%		59-139	0	21	1
Chlorobenzene	43.63	0	50.00	ug/L	87%		60-133	1	24	1
Surrogates										
Dibromofluoromethane	51.17		50.00	ug/L	102%		70-140			1
1,2-Dichloroethane-d4	52.62		50.00	ug/L	105%		70-140			1
Toluene-d8	47.76		50.00	ug/L	96%		70-140			1
Bromofluorobenzene	48.45		50.00	ug/L	97%		70-140			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC861923**	**Batch:**	**243128**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC861923 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	03/11/20	03/11/20
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/11/20	03/11/20
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/11/20	03/11/20
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	03/11/20	03/11/20
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	03/11/20	03/11/20
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	03/11/20	03/11/20
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	03/11/20	03/11/20
Freon 12	ND		ug/Kg	5.0	03/11/20	03/11/20
Chloromethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Vinyl Chloride	ND		ug/Kg	5.0	03/11/20	03/11/20
Bromomethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Chloroethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Trichlorofluoromethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Acetone	ND		ug/Kg	100	03/11/20	03/11/20
Freon 113	ND		ug/Kg	5.0	03/11/20	03/11/20
1,1-Dichloroethene	ND		ug/Kg	5.0	03/11/20	03/11/20
Methylene Chloride	ND		ug/Kg	5.0	03/11/20	03/11/20
MTBE	ND		ug/Kg	5.0	03/11/20	03/11/20
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,1-Dichloroethane	ND		ug/Kg	5.0	03/11/20	03/11/20
2-Butanone	ND		ug/Kg	100	03/11/20	03/11/20
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	03/11/20	03/11/20
2,2-Dichloropropane	ND		ug/Kg	5.0	03/11/20	03/11/20
Chloroform	ND		ug/Kg	5.0	03/11/20	03/11/20
Bromochloromethane	ND		ug/Kg	5.0	03/11/20	03/11/20
1,1,1-Trichloroethane	ND		ug/Kg	5.0	03/11/20	03/11/20
1,1-Dichloropropene	ND		ug/Kg	5.0	03/11/20	03/11/20
Carbon Tetrachloride	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2-Dichloroethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Benzene	ND		ug/Kg	5.0	03/11/20	03/11/20
Trichloroethene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2-Dichloropropane	ND		ug/Kg	5.0	03/11/20	03/11/20
Bromodichloromethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Dibromomethane	ND		ug/Kg	5.0	03/11/20	03/11/20
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	03/11/20	03/11/20
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	03/11/20	03/11/20
Toluene	ND		ug/Kg	5.0	03/11/20	03/11/20
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,1,2-Trichloroethane	ND		ug/Kg	5.0	03/11/20	03/11/20
1,3-Dichloropropane	ND		ug/Kg	5.0	03/11/20	03/11/20
Tetrachloroethene	ND		ug/Kg	5.0	03/11/20	03/11/20
Dibromochloromethane	ND		ug/Kg	5.0	03/11/20	03/11/20

ENTHALPY ANALYTICAL

Batch QC

QC861923 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Chlorobenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	03/11/20	03/11/20
Ethylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
m,p-Xylenes	ND		ug/Kg	10	03/11/20	03/11/20
o-Xylene	ND		ug/Kg	5.0	03/11/20	03/11/20
Styrene	ND		ug/Kg	5.0	03/11/20	03/11/20
Bromoform	ND		ug/Kg	5.0	03/11/20	03/11/20
Isopropylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2,3-Trichloropropane	ND		ug/Kg	5.0	03/11/20	03/11/20
Propylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
Bromobenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
2-Chlorotoluene	ND		ug/Kg	5.0	03/11/20	03/11/20
4-Chlorotoluene	ND		ug/Kg	5.0	03/11/20	03/11/20
tert-Butylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
sec-Butylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
para-Isopropyl Toluene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,3-Dichlorobenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,4-Dichlorobenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
n-Butylbenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2-Dichlorobenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
Hexachlorobutadiene	ND		ug/Kg	5.0	03/11/20	03/11/20
Naphthalene	ND		ug/Kg	5.0	03/11/20	03/11/20
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	03/11/20	03/11/20
Xylene (total)	ND		ug/Kg	5.0	03/11/20	03/11/20
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-145	03/11/20	03/11/20
1,2-Dichloroethane-d4	101%		%REC	70-145	03/11/20	03/11/20
Toluene-d8	101%		%REC	70-145	03/11/20	03/11/20
Bromofluorobenzene	101%		%REC	70-145	03/11/20	03/11/20

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC861924	Batch: 243128
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC861924 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.36	50.00	ug/Kg	105%		59-172
MTBE	44.37	50.00	ug/Kg	89%		62-137
Benzene	49.61	50.00	ug/Kg	99%		62-137
Trichloroethene	48.79	50.00	ug/Kg	98%		66-142
Toluene	49.40	50.00	ug/Kg	99%		59-139
Chlorobenzene	48.72	50.00	ug/Kg	97%		60-133
Surrogates						
Dibromofluoromethane	50.39	50.00	ug/Kg	101%		70-145
1,2-Dichloroethane-d4	49.32	50.00	ug/Kg	99%		70-145
Toluene-d8	50.45	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	48.63	50.00	ug/Kg	97%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC861925	Batch: 243128
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC861925 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.73	50.00	ug/Kg	97%		59-172	7	22
MTBE	44.17	50.00	ug/Kg	88%		62-137	0	21
Benzene	49.14	50.00	ug/Kg	98%		62-137	1	24
Trichloroethene	47.65	50.00	ug/Kg	95%		66-142	2	21
Toluene	48.73	50.00	ug/Kg	97%		59-139	1	21
Chlorobenzene	48.00	50.00	ug/Kg	96%		60-133	1	24
Surrogates								
Dibromofluoromethane	51.15	50.00	ug/Kg	102%		70-145		
1,2-Dichloroethane-d4	50.18	50.00	ug/Kg	100%		70-145		
Toluene-d8	49.71	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	48.81	50.00	ug/Kg	98%		70-145		

Type: Blank	Lab ID: QC862264	Batch: 243273
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580

QC862264 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	03/13/20	03/16/20
ORO C28-C44	ND		mg/Kg	10	03/13/20	03/16/20
Surrogates				**Limits**		
n-Triacontane	76%		%REC	50-150	03/13/20	03/16/20

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC862265	**Batch:** 243273
Matrix: Soil	**Method:** EPA 8015M	**Prep Method:** EPA 3580

QC862265 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	242.9	250.0	mg/Kg	97%		70-130
Surrogates						
n-Triacontane	7.638	10.00	mg/Kg	76%		50-150

Type: Matrix Spike	**Lab ID:** QC862266	**Batch:** 243273
Matrix (Source ID): Soil (425712-004)	**Method:** EPA 8015M	**Prep Method:** EPA 3580

QC862266 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	224.4	0	250.0	mg/Kg	90%		70-130	1
Surrogates								
n-Triacontane	7.091		10.00	mg/Kg	71%		50-150	1

Type: Matrix Spike Duplicate	**Lab ID:** QC862267	**Batch:** 243273
Matrix (Source ID): Soil (425712-004)	**Method:** EPA 8015M	**Prep Method:** EPA 3580

QC862267 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	221.0	0	250.0	mg/Kg	88%		70-130	2	20	1
Surrogates										
n-Triacontane	7.356		10.00	mg/Kg	74%		50-150			1

Type: Blank	**Lab ID:** QC861990	**Batch:** 243158
Matrix: Soil	**Method:** EPA 8015B	**Prep Method:** EPA 5030B

QC861990 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	03/12/20	03/12/20
Surrogates				**Limits**		
Bromofluorobenzene (FID)	90%		%REC	60-140	03/12/20	03/12/20

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC861991**	**Batch:**	**243158**
Matrix:	**Soil**	**Method:**	**EPA 8015B**	**Prep Method:**	**EPA 5030B**

QC861991 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	5.327	5.000	mg/Kg	107%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2500	0.2000	mg/Kg	125%		60-140

Type:	**Matrix Spike**	**Lab ID:**	**QC861992**	**Batch:**	**243158**
Matrix (Source ID):	**Soil (425686-001)**	**Method:**	**EPA 8015B**	**Prep Method:**	**EPA 5030B**

QC861992 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
TPH Gasoline	5.345	0	5.000	mg/Kg	107%		70-130	1
Surrogates								
Bromofluorobenzene (FID)	0.2600		0.2000	mg/Kg	130%		60-140	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC861993**	**Batch:**	**243158**
Matrix (Source ID):	**Soil (425686-001)**	**Method:**	**EPA 8015B**	**Prep Method:**	**EPA 5030B**

QC861993 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
TPH Gasoline	5.506	0	5.000	mg/Kg	110%		70-130	3	20	1
Surrogates										
Bromofluorobenzene (FID)	0.2400		0.2000	mg/Kg	120%		60-140			1

Type:	**Blank**	**Lab ID:**	**QC862063**	**Batch:**	**243192**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862063 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	03/12/20	03/13/20

Type:	**Lab Control Sample**	**Lab ID:**	**QC862064**	**Batch:**	**243192**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862064 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	89.92	100.0	mg/Kg	90%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC862065**	**Batch:**	**243192**
Matrix (Source ID):	**Soil (425712-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862065 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	105.6	5.574	107.5	mg/Kg	93%		75-125	1.1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862066**	**Batch:**	**243192**
Matrix (Source ID):	**Soil (425712-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862066 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	83.94	5.574	84.75	mg/Kg	92%		75-125	0	35	0.85

Type:	**Lab Control Sample**	**Lab ID:**	**QC861954**	**Batch:**	**243140**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC861954 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.89	50.00	ug/Kg	94%		59-172
MTBE	44.77	50.00	ug/Kg	90%		62-137
Benzene	49.60	50.00	ug/Kg	99%		62-137
Trichloroethene	46.83	50.00	ug/Kg	94%		66-142
Toluene	48.79	50.00	ug/Kg	98%		59-139
Chlorobenzene	48.05	50.00	ug/Kg	96%		60-133
Surrogates						
Dibromofluoromethane	50.89	50.00	ug/Kg	102%		70-145
1,2-Dichloroethane-d4	49.86	50.00	ug/Kg	100%		70-145
Toluene-d8	49.26	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	49.12	50.00	ug/Kg	98%		70-145

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC861955**	**Batch:**	**243140**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC861955 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.88	50.00	ug/Kg	104%		59-172	10	22
MTBE	42.86	50.00	ug/Kg	86%		62-137	4	21
Benzene	50.17	50.00	ug/Kg	100%		62-137	1	24
Trichloroethene	48.16	50.00	ug/Kg	96%		66-142	3	21
Toluene	48.69	50.00	ug/Kg	97%		59-139	0	21
Chlorobenzene	48.69	50.00	ug/Kg	97%		60-133	1	24
Surrogates								
Dibromofluoromethane	51.88	50.00	ug/Kg	104%		70-145		
1,2-Dichloroethane-d4	49.02	50.00	ug/Kg	98%		70-145		
Toluene-d8	49.77	50.00	ug/Kg	100%		70-145		
Bromofluorobenzene	47.68	50.00	ug/Kg	95%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC862052**	**Batch:**	**243140**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC862052 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	03/12/20	03/12/20
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/12/20	03/12/20
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/12/20	03/12/20
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	03/12/20	03/12/20
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	03/12/20	03/12/20
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	03/12/20	03/12/20
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	03/12/20	03/12/20
Freon 12	ND		ug/Kg	5.0	03/12/20	03/12/20
Chloromethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Vinyl Chloride	ND		ug/Kg	5.0	03/12/20	03/12/20
Bromomethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Chloroethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Trichlorofluoromethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Acetone	ND		ug/Kg	100	03/12/20	03/12/20
Freon 113	ND		ug/Kg	5.0	03/12/20	03/12/20
1,1-Dichloroethene	ND		ug/Kg	5.0	03/12/20	03/12/20
Methylene Chloride	ND		ug/Kg	5.0	03/12/20	03/12/20
MTBE	ND		ug/Kg	5.0	03/12/20	03/12/20
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,1-Dichloroethane	ND		ug/Kg	5.0	03/12/20	03/12/20
2-Butanone	ND		ug/Kg	100	03/12/20	03/12/20
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	03/12/20	03/12/20
2,2-Dichloropropane	ND		ug/Kg	5.0	03/12/20	03/12/20
Chloroform	ND		ug/Kg	5.0	03/12/20	03/12/20
Bromochloromethane	ND		ug/Kg	5.0	03/12/20	03/12/20
1,1,1-Trichloroethane	ND		ug/Kg	5.0	03/12/20	03/12/20
1,1-Dichloropropene	ND		ug/Kg	5.0	03/12/20	03/12/20
Carbon Tetrachloride	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2-Dichloroethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Benzene	ND		ug/Kg	5.0	03/12/20	03/12/20
Trichloroethene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2-Dichloropropane	ND		ug/Kg	5.0	03/12/20	03/12/20
Bromodichloromethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Dibromomethane	ND		ug/Kg	5.0	03/12/20	03/12/20
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	03/12/20	03/12/20
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	03/12/20	03/12/20
Toluene	ND		ug/Kg	5.0	03/12/20	03/12/20
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,1,2-Trichloroethane	ND		ug/Kg	5.0	03/12/20	03/12/20
1,3-Dichloropropane	ND		ug/Kg	5.0	03/12/20	03/12/20
Tetrachloroethene	ND		ug/Kg	5.0	03/12/20	03/12/20
Dibromochloromethane	ND		ug/Kg	5.0	03/12/20	03/12/20

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Batch QC

QC862052 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Chlorobenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	03/12/20	03/12/20
Ethylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
m,p-Xylenes	ND		ug/Kg	10	03/12/20	03/12/20
o-Xylene	ND		ug/Kg	5.0	03/12/20	03/12/20
Styrene	ND		ug/Kg	5.0	03/12/20	03/12/20
Bromoform	ND		ug/Kg	5.0	03/12/20	03/12/20
Isopropylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2,3-Trichloropropane	ND		ug/Kg	5.0	03/12/20	03/12/20
Propylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
Bromobenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
2-Chlorotoluene	ND		ug/Kg	5.0	03/12/20	03/12/20
4-Chlorotoluene	ND		ug/Kg	5.0	03/12/20	03/12/20
tert-Butylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
sec-Butylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
para-Isopropyl Toluene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,3-Dichlorobenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,4-Dichlorobenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
n-Butylbenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2-Dichlorobenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
Hexachlorobutadiene	ND		ug/Kg	5.0	03/12/20	03/12/20
Naphthalene	ND		ug/Kg	5.0	03/12/20	03/12/20
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	03/12/20	03/12/20
Xylene (total)	ND		ug/Kg	5.0	03/12/20	03/12/20
Surrogates				**Limits**		
Dibromofluoromethane	99%		%REC	70-145	03/12/20	03/12/20
1,2-Dichloroethane-d4	99%		%REC	70-145	03/12/20	03/12/20
Toluene-d8	101%		%REC	70-145	03/12/20	03/12/20
Bromofluorobenzene	99%		%REC	70-145	03/12/20	03/12/20

Type: Blank **Lab ID:** QC861855 **Batch:** 243088
Matrix: Drinking Water **Method:** EPA 8015B **Prep Method:** EPA 5030B

QC861855 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		ug/L	50	03/13/20	03/13/20
Surrogates				**Limits**		
Bromofluorobenzene (FID)	87%		%REC	60-140	03/13/20	03/13/20

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC861856	Batch: 243088
Matrix: Drinking Water	Method: EPA 8015B	Prep Method: EPA 5030B

QC861856 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	507.6	500.0	ug/L	102%		70-130
Surrogates						
Bromofluorobenzene (FID)	211.0	200.0	ug/L	106%		60-140

Type: Matrix Spike	Lab ID: QC861857	Batch: 243088
Matrix (Source ID): Drinking Water (425605-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC861857 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
TPH Gasoline	360.0	0	500.0	ug/L	70%		70-130	1
Surrogates								
Bromofluorobenzene (FID)	246.0		200.0	ug/L	123%		60-140	1

Type: Matrix Spike Duplicate	Lab ID: QC861858	Batch: 243088
Matrix (Source ID): Drinking Water (425605-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC861858 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
TPH Gasoline	363.7	0	500.0	ug/L	70%		70-130	1	30	1
Surrogates										
Bromofluorobenzene (FID)	216.0		200.0	ug/L	108%		60-140			1

Type: Blank	Lab ID: QC862030	Batch: 243181
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3010A

QC862030 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.010	03/12/20	03/12/20

Type: Lab Control Sample	Lab ID: QC862031	Batch: 243181
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3010A

QC862031 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	1.878	2.000	mg/L	94%		80-120

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC862032**	**Batch:**	**243181**
Matrix (Source ID):	**Water (425712-044)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3010A**

QC862032 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	0.8648	0	1.000	mg/L	86%		75-125	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862033**	**Batch:**	**243181**
Matrix (Source ID):	**Water (425712-044)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3010A**

QC862033 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	0.8815	0	1.000	mg/L	88%		75-125	2	20	1

Type:	**Blank**	**Lab ID:**	**QC862114**	**Batch:**	**243206**
Matrix:	**Water**	**Method:**	**EPA 8015B**	**Prep Method:**	**EPA 3510C**

QC862114 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH C10-C28	ND		mg/L	0.20	03/12/20	03/13/20
TPH C28-C44	ND		mg/L	0.30	03/12/20	03/13/20
Surrogates				**Limits**		
n-Triacontane	78%		%REC	50-150	03/12/20	03/13/20

Type:	**Lab Control Sample**	**Lab ID:**	**QC862115**	**Batch:**	**243206**
Matrix:	**Water**	**Method:**	**EPA 8015B**	**Prep Method:**	**EPA 3510C**

QC862115 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	0.9077	1.000	mg/L	91%		53-115
Surrogates						
n-Triacontane	0.01580	0.02000	mg/L	79%		50-150

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC862116**	**Batch:**	**243206**
Matrix:	**Water**	**Method:**	**EPA 8015B**	**Prep Method:**	**EPA 3510C**

QC862116 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Diesel C10-C28	0.9389	1.000	mg/L	94%		53-115	3	20
Surrogates								
n-Triacontane	0.01601	0.02000	mg/L	80%		50-150		

Type:	**Blank**	**Lab ID:**	**QC862071**	**Batch:**	**243194**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862071 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	03/12/20	03/13/20

Type:	**Lab Control Sample**	**Lab ID:**	**QC862072**	**Batch:**	**243194**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862072 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	100.1	100.0	mg/Kg	100%		80-120

Type:	**Matrix Spike**	**Lab ID:**	**QC862073**	**Batch:**	**243194**
Matrix (Source ID):	**Soil (425712-033)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862073 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	93.69	0	100.0	mg/Kg	94%		75-125	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862074**	**Batch:**	**243194**
Matrix (Source ID):	**Soil (425712-033)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862074 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	78.79	0	84.03	mg/Kg	94%		75-125	0	35	0.84

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

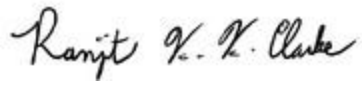
Lab Job Number:	425738
Report Level:	II
Report Date:	03/19/2020

Analytical Report *prepared for:*

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Location: City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA

Authorized for release by:



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

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Sample Summary

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425738
Location: City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA
Date Received: 03/12/20

Sample ID	Lab ID	Collected	Matrix
B9-0.5	425738-001	03/12/20 07:13	Soil
B9-1.5	425738-002	03/12/20 07:15	Soil
B9-2.5	425738-003	03/12/20 07:17	Soil
B9-5	425738-004	03/12/20 07:19	Soil
B10-0.5	425738-005	03/12/20 07:33	Soil
B10-1.5	425738-006	03/12/20 07:35	Soil
B10-2.5	425738-007	03/12/20 07:37	Soil
B10-5	425738-008	03/12/20 07:38	Soil
B11-0.5	425738-009	03/12/20 08:01	Soil
B11-1.5	425738-010	03/12/20 08:03	Soil
B11-2.5	425738-011	03/12/20 08:04	Soil
B11-5	425738-012	03/12/20 08:06	Soil
B12-0.5	425738-013	03/12/20 08:15	Soil
B12-1.5	425738-014	03/12/20 08:16	Soil
B12-2.5	425738-015	03/12/20 08:19	Soil
B12-5	425738-016	03/12/20 08:21	Soil
B13-0.5	425738-017	03/12/20 08:41	Soil
B13-1.5	425738-018	03/12/20 08:43	Soil
B13-2.5	425738-019	03/12/20 08:44	Soil
B13-5	425738-020	03/12/20 08:46	Soil
B14-0.5	425738-021	03/12/20 08:56	Soil
B14-1.5	425738-022	03/12/20 08:58	Soil
B14-2.5	425738-023	03/12/20 08:59	Soil
B14-5	425738-024	03/12/20 09:01	Soil
EB-A-03122020	425738-025	03/12/20 09:23	Water
TB-A-03122020	425738-026	03/12/20 00:00	Water
DUP4	425738-027	03/12/20 00:00	Soil
DUP5	425738-028	03/12/20 00:00	Soil

ENTHALPY ANALYTICAL

Sample Summary

Patrick Cullip Ninyo & Moore 475 Goddard Suite 200 Irvine, CA 92618		Lab Job #: Location: Date Received:	425738 City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA 03/12/20

Sample ID	Lab ID	Collected	Matrix
DUP6	425738-029	03/12/20 00:00	Soil
DUP7	425738-030	03/12/20 00:00	Soil

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Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 425738

Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

Analysis Request — **Test Instructions / Comments**

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B	TPH by EPA 8010B/5035	VOCs by EPA 8260b/5035	Tile 22 Metals by EPA 6010B/7471A							Test Instructions / Comments
1	B9-0.5	03/12/2020	0713	Soil	4oz jar	ice	X										
2	B9-1.5	↓	0715	↓	↓	↓	X										
3	B9-2.5	↓	0717	↓	↓	↓	X										
4	B9-5	↓	0719	↓	↓	↓	X										
5	B10-0.5	↓	0733	↓	↓	↓	X										
6	B10-1.5	↓	0735	↓	↓	↓	X										
7	B10-2.5	↓	0737	↓	↓	↓	X										
8	B10-5	↓	0738	↓	↓	↓	X										
9	B11-0.5	↓	0801	↓	↓	↓	X										
10	B11-1.5	↓	0803	↓	↓	↓	X										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	[signature]	Jackson Flanagan	Ninyo & Moore Staff	03/12/2020 1045
[1] Received By:		Fernando Dean	EA	03/12/20 1045
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

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Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record
Lab No: 425738
Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B	TPH by EPA 8010B/5035	VOCs by EPA 8260b/5035	Tile 22 Metals by EPA 6010B/7471A	Test Instructions / Comments
1	B11-2.5	03/12/2020	0804	Soil	4oz jar	ice	X				
2	B11-5		0806				X				
3	B12-0.5		0815				X				
4	B12-1.5		0816				X				
5	B12-2.5		0819				X				
6	B12-5		0821				X				
7	B13-0.5		0841				X				
8	B13-1.5		0843				X				
9	B13-2.5		0844				X				
10	B13-5		0846				X				

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Jackson Flanagan	Ninyo & Moore Staff	03/12/2020 1045
1 Received By:		FEDEX DW2	ET	03/12/20 1045
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record
Lab No: 425738
Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B	TPH by EPA 8010B/5035	VOCs by EPA 8260b/5035	Tile 22 Metals by EPA 6010B/7471A	Test Instructions / Comments
1	B14-0.5	03/12/2020	0856	Soil	4oz jar	ice	X				
2	B14-1.5		0858				X				
3	B14-2.5		0859				X				
4	B14-5		~~0901~~ 0901				X				Time: 0901
5	EB-A-03122020		0923	W	500 ml	ice, 3	X				
6	TB-A-03122020		--	1	2 VOAS	ice			X		HOLD
7	DUP4		--	Soil	4oz jar		X				
8	DUP5		--				X				
9	DUP6		--				X				
10	DUP7		--				X				

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jackson Flanagan	Ninyo & Moore EA	03/12/2020 1045
[1] Received By:		FERNANDO DeLA		03/12/20 1045
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: _____

Date Received: 3/12/20 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 12.7 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 4.5 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

_____

_____

_____

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 03/12/20

ENTHALPY ANALYTICAL

Analysis Results for 425738

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425738
Location: City of El Monte Area Y - 10819
Valley Boulevard, El Monte, CA
Date Received: 03/12/20

Sample ID: B9-0.5 **Lab ID: 425738-001** **Collected: 03/12/20 07:13**
Matrix: Soil

425738-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**29**		mg/Kg	0.83	0.83	243209	03/12/20	03/13/20	SBW

Sample ID: B9-1.5 **Lab ID: 425738-002** **Collected: 03/12/20 07:15**
Matrix: Soil

425738-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**7.0**		mg/Kg	0.84	0.84	243209	03/12/20	03/13/20	SBW

Sample ID: B9-2.5 **Lab ID: 425738-003** **Collected: 03/12/20 07:17**
Matrix: Soil

425738-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.3**		mg/Kg	0.89	0.89	243209	03/12/20	03/13/20	SBW

Sample ID: B9-5 **Lab ID: 425738-004** **Collected: 03/12/20 07:19**
Matrix: Soil

425738-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.1**		mg/Kg	1.1	1.1	243209	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425738

Sample ID: B10-0.5 **Lab ID: 425738-005** **Collected: 03/12/20 07:33**
Matrix: Soil

425738-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.5**		mg/Kg	0.91	0.91	243209	03/12/20	03/13/20	SBW

Sample ID: B10-1.5 **Lab ID: 425738-006** **Collected: 03/12/20 07:35**
Matrix: Soil

425738-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.3**		mg/Kg	0.98	0.98	243209	03/12/20	03/13/20	SBW

Sample ID: B10-2.5 **Lab ID: 425738-007** **Collected: 03/12/20 07:37**
Matrix: Soil

425738-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.2**		mg/Kg	0.83	0.83	243209	03/12/20	03/13/20	SBW

Sample ID: B10-5 **Lab ID: 425738-008** **Collected: 03/12/20 07:38**
Matrix: Soil

425738-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.1**		mg/Kg	1.0	1	243209	03/12/20	03/13/20	SBW

Sample ID: B11-0.5 **Lab ID: 425738-009** **Collected: 03/12/20 08:01**
Matrix: Soil

425738-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.8**		mg/Kg	1.0	1	243209	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425738

Sample ID: B11-1.5	Lab ID: 425738-010	Collected: 03/12/20 08:03
	Matrix: Soil	

425738-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.6**		mg/Kg	1.1	1.1	243209	03/12/20	03/13/20	SBW

Sample ID: B11-2.5	Lab ID: 425738-011	Collected: 03/12/20 08:04
	Matrix: Soil	

425738-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.3**		mg/Kg	0.84	0.84	243209	03/12/20	03/13/20	SBW

Sample ID: B11-5	Lab ID: 425738-012	Collected: 03/12/20 08:06
	Matrix: Soil	

425738-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.4**		mg/Kg	0.93	0.93	243209	03/12/20	03/13/20	SBW

Sample ID: B12-0.5	Lab ID: 425738-013	Collected: 03/12/20 08:15
	Matrix: Soil	

425738-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**13**		mg/Kg	1.1	1.1	243209	03/12/20	03/13/20	SBW

Sample ID: B12-1.5	Lab ID: 425738-014	Collected: 03/12/20 08:16
	Matrix: Soil	

425738-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**25**		mg/Kg	0.99	0.99	243209	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425738

Sample ID: B12-2.5	Lab ID: 425738-015	Collected: 03/12/20 08:19
	Matrix: Soil	

425738-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**6.8**		mg/Kg	0.97	0.97	243209	03/12/20	03/13/20	SBW

Sample ID: B12-5	Lab ID: 425738-016	Collected: 03/12/20 08:21
	Matrix: Soil	

425738-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**7.0**		mg/Kg	0.98	0.98	243209	03/12/20	03/13/20	SBW

Sample ID: B13-0.5	Lab ID: 425738-017	Collected: 03/12/20 08:41
	Matrix: Soil	

425738-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.6**		mg/Kg	0.85	0.85	243209	03/12/20	03/13/20	SBW

Sample ID: B13-1.5	Lab ID: 425738-018	Collected: 03/12/20 08:43
	Matrix: Soil	

425738-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.1**		mg/Kg	0.86	0.86	243209	03/12/20	03/13/20	SBW

Sample ID: B13-2.5	Lab ID: 425738-019	Collected: 03/12/20 08:44
	Matrix: Soil	

425738-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.7**		mg/Kg	1.0	1	243209	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425738

Sample ID: B13-5	Lab ID: 425738-020	Collected: 03/12/20 08:46
	Matrix: Soil	

425738-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**5.3**		mg/Kg	1.1	1.1	243209	03/12/20	03/13/20	SBW

Sample ID: B14-0.5	Lab ID: 425738-021	Collected: 03/12/20 08:56
	Matrix: Soil	

425738-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.6**		mg/Kg	1.1	1.1	243210	03/12/20	03/13/20	SBW

Sample ID: B14-1.5	Lab ID: 425738-022	Collected: 03/12/20 08:58
	Matrix: Soil	

425738-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.3**		mg/Kg	0.99	0.99	243210	03/12/20	03/13/20	SBW

Sample ID: B14-2.5	Lab ID: 425738-023	Collected: 03/12/20 08:59
	Matrix: Soil	

425738-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.1**		mg/Kg	0.92	0.92	243210	03/12/20	03/13/20	SBW

Sample ID: B14-5	Lab ID: 425738-024	Collected: 03/12/20 09:01
	Matrix: Soil	

425738-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.2**		mg/Kg	0.93	0.93	243210	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425738

Sample ID: EB-A-03122020	Lab ID: 425738-025	Collected: 03/12/20 09:23
	Matrix: Water	

425738-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A									
Arsenic	ND		mg/L	0.010	1	243252	03/13/20	03/13/20	SBW

Sample ID: DUP4	Lab ID: 425738-027	Collected: 03/12/20
	Matrix: Soil	

425738-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.1**		mg/Kg	0.88	0.88	243210	03/12/20	03/13/20	SBW

Sample ID: DUP5	Lab ID: 425738-028	Collected: 03/12/20
	Matrix: Soil	

425738-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.3**		mg/Kg	1.1	1.1	243210	03/12/20	03/13/20	SBW

Sample ID: DUP6	Lab ID: 425738-029	Collected: 03/12/20
	Matrix: Soil	

425738-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**4.2**		mg/Kg	1.1	1.1	243210	03/12/20	03/13/20	SBW

Sample ID: DUP7	Lab ID: 425738-030	Collected: 03/12/20
	Matrix: Soil	

425738-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Arsenic	**3.2**		mg/Kg	1.0	1	243210	03/12/20	03/13/20	SBW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 425738

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC862217	**Batch:** 243252
Matrix: Water	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC862217 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.010	03/13/20	03/16/20

Type: Lab Control Sample	**Lab ID:** QC862218	**Batch:** 243252
Matrix: Water	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC862218 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	0.9575	1.000	mg/L	96%		80-120

Type: Matrix Spike	**Lab ID:** QC862219	**Batch:** 243252
Matrix (Source ID): Water (425738-025)	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC862219 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	0.9160	0	1.000	mg/L	92%		75-125	1

Type: Matrix Spike Duplicate	**Lab ID:** QC862220	**Batch:** 243252
Matrix (Source ID): Water (425738-025)	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC862220 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	0.9282	0	1.000	mg/L	93%		75-125	1	20	1

Type: Blank	**Lab ID:** QC862123	**Batch:** 243209
Matrix: Soil	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC862123 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	03/12/20	03/13/20

Type: Lab Control Sample	**Lab ID:** QC862124	**Batch:** 243209
Matrix: Soil	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC862124 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	89.35	100.0	mg/Kg	89%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC862125**	**Batch:**	**243209**
Matrix (Source ID):	**Soil (425738-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862125 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	122.3	28.94	106.4	mg/Kg	88%		75-125	1.1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862126**	**Batch:**	**243209**
Matrix (Source ID):	**Soil (425738-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862126 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	129.6	28.94	107.5	mg/Kg	94%		75-125	5	35	1.1

Type:	**Blank**	**Lab ID:**	**QC862127**	**Batch:**	**243210**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862127 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	03/12/20	03/13/20

Type:	**Lab Control Sample**	**Lab ID:**	**QC862128**	**Batch:**	**243210**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862128 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	94.83	100.0	mg/Kg	95%		80-120

Type:	**Matrix Spike**	**Lab ID:**	**QC862129**	**Batch:**	**243210**
Matrix (Source ID):	**Soil (425738-021)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862129 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	86.52	4.589	90.91	mg/Kg	90%		75-125	0.91

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862130**	**Batch:**	**243210**
Matrix (Source ID):	**Soil (425738-021)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862130 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	102.3	4.589	105.3	mg/Kg	93%		75-125	3	35	1.1

ND Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	**Report date:**	3/17/2020
Client Address:	475 Goddard, Suite 200	**Jones Ref. No.:**	G-0109
	Irvine, California 92618	**Client Ref. No.:**	211175002
Attn:	Patrick Cullip	**Date Sampled:**	3/13/2020
		Date Received:	3/13/2020
Project:	City of El Monte Area Y Phase II ESA	**Date Analyzed:**	3/13/2020
Project Address:	10819 Valley Blvd	**Physical State:**	Soil Gas
	El Monte, California		

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of collection.

Approval:

David Mirakian, M.S.
Stationary Lab Chemist

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	**Report date:**	3/17/2020
Client Address:	475 Goddard, Suite 200 Irvine, California 92618	**Jones Ref. No.:** **Client Ref. No.:**	G-0109 211175002
Attn:	Patrick Cullip	**Date Sampled:** **Date Received:**	3/13/2020 3/13/2020
Project:	City of El Monte Area Y Phase II ESA	**Date Analyzed:**	3/13/2020
Project Address:	10819 Valley Blvd El Monte, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG1-15'**	**SG1-15' REP**	**SG1-5'**	**SG2-5'**	**SG2-15'**		
Jones ID:	**G-0109-01**	**G-0109-02**	**G-0109-03**	**G-0109-04**	**G-0109-05**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG1-15'**	**SG1-15' REP**	**SG1-5'**	**SG2-5'**	**SG2-15'**		
Jones ID:	**G-0109-01**	**G-0109-02**	**G-0109-03**	**G-0109-04**	**G-0109-05**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**132**	**126**	ND	**17**	**129**	8	µg/m3
Toluene	**8**	**9**	ND	**8**	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	**12**	**11**	ND	**15**	**17**	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	**20**	ND	ND	ND	16	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	109%	109%	112%	113%	60 - 140	
Toluene-d_8	101%	99%	100%	100%	99%	60 - 140	
4-Bromofluorobenzene	101%	102%	96%	101%	97%	60 - 140	
Batch ID:	G1-031320-01	G1-031320-01	G1-031320-01	G1-031320-01	G1-031320-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	**Report date:**	3/17/2020
Client Address:	475 Goddard, Suite 200 Irvine, California 92618	**Jones Ref. No.:** **Client Ref. No.:**	G-0109 211175002
Attn:	Patrick Cullip	**Date Sampled:** **Date Received:**	3/13/2020 3/13/2020
Project:	City of El Monte Area Y Phase II ESA	**Date Analyzed:**	3/13/2020
Project Address:	10819 Valley Blvd El Monte, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG3-5'**	**SG3-15'**	**SG4-5'**	**SG4-5' REP**	**SG4-15'**		
Jones ID:	**G-0109-06**	**G-0109-07**	**G-0109-08**	**G-0109-09**	**G-0109-10**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG3-5'**	**SG3-15'**	**SG4-5'**	**SG4-5' REP**	**SG4-15'**		
Jones ID:	**G-0109-06**	**G-0109-07**	**G-0109-08**	**G-0109-09**	**G-0109-10**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**39**	**74**	**34**	**20**	ND	8	µg/m3
Toluene	ND	**8**	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	**9**	**13**	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	ND	ND	ND	16	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	106%	112%	113%	112%	60 - 140	
Toluene-d_8	99%	99%	100%	102%	101%	60 - 140	
4-Bromofluorobenzene	99%	101%	99%	102%	103%	60 - 140	
Batch ID:	G1-031320-01	G1-031320-01	G1-031320-01	G1-031320-01	G1-031320-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	**Report date:**	3/17/2020
Client Address:	475 Goddard, Suite 200 Irvine, California 92618	**Jones Ref. No.:** **Client Ref. No.:**	G-0109 211175002
Attn:	Patrick Cullip	**Date Sampled:** **Date Received:**	3/13/2020 3/13/2020
Project:	City of El Monte Area Y Phase II ESA	**Date Analyzed:**	3/13/2020
Project Address:	10819 Valley Blvd El Monte, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG5-5'**	**SG5-15'**	**SG6-5'**	**SG6-15'**	**SG7-5'**		
Jones ID:	**G-0109-11**	**G-0109-12**	**G-0109-13**	**G-0109-14**	**G-0109-15**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG5-5'**	**SG5-15'**	**SG6-5'**	**SG6-15'**	**SG7-5'**		
Jones ID:	**G-0109-11**	**G-0109-12**	**G-0109-13**	**G-0109-14**	**G-0109-15**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**34**	**90**	**23**	**124**	**16**	8	µg/m3
Toluene	ND	**28**	**11**	**11**	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	**13**	**10**	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	**17**	ND	**22**	ND	16	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	114%	115%	109%	108%	100%	60 - 140	
Toluene-d_8	96%	100%	96%	99%	105%	60 - 140	
4-Bromofluorobenzene	92%	98%	99%	103%	92%	60 - 140	
Batch ID:	G1-031320-01	G1-031320-01	G1-031320-01	G1-031320-01	G1-031320-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	**Report date:**	3/17/2020
Client Address:	475 Goddard, Suite 200 Irvine, California 92618	**Jones Ref. No.:** **Client Ref. No.:**	G-0109 211175002
Attn:	Patrick Cullip	**Date Sampled:** **Date Received:**	3/13/2020 3/13/2020
Project:	City of El Monte Area Y Phase II ESA	**Date Analyzed:**	3/13/2020
Project Address:	10819 Valley Blvd El Monte, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG7-15'**	**SG8-5'**	**SG8-15'**		
Jones ID:	**G-0109-16**	**G-0109-17**	**G-0109-18**	**Reporting Limit**	**Units**
Analytes:					
Benzene	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	**9**	8	µg/m3
2-Chlorotoluene	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	16	µg/m3
1,1-Dichloroethane	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SG7-15'**	**SG8-5'**	**SG8-15'**		
Jones ID:	**G-0109-16**	**G-0109-17**	**G-0109-18**	**Reporting Limit**	**Units**
Analytes:					
cis-1,3-Dichloropropene	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	8	µg/m3
Ethylbenzene	**22**	ND	**9**	8	µg/m3
Freon 113	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	16	µg/m3
Tetrachloroethene	**107**	**33**	**40**	8	µg/m3
Toluene	**52**	ND	**47**	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	**28**	ND	**12**	8	µg/m3
1,3,5-Trimethylbenzene	**10**	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	8	µg/m3
m,p-Xylene	**102**	ND	**39**	16	µg/m3
o-Xylene	**28**	ND	**13**	8	µg/m3
MTBE	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	2000	µg/m3
Tracer:					
n-Pentane	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1		
Surrogate Recoveries:				**QC Limits**	
Dibromofluoromethane	109%	114%	110%	60 - 140	
Toluene-d_8	102%	93%	99%	60 - 140	
4-Bromofluorobenzene	97%	93%	96%	60 - 140	
Batch ID:	G1-031320-01	G1-031320-01	G1-031320-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	**Report date:**	3/17/2020
Client Address:	475 Goddard, Suite 200 Irvine, California 92618	**Jones Ref. No.:** **Client Ref. No.:**	G-0109 211175002
Attn:	Patrick Cullip	**Date Sampled:** **Date Received:**	3/13/2020 3/13/2020
Project:	City of El Monte Area Y Phase II ESA	**Date Analyzed:**	3/13/2020
Project Address:	10819 Valley Blvd El Monte, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**		
Jones ID:	**031320-G1MB1**	**031320-G1SB1**	**Reporting Limit**	**Units**
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	16	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	SAMPLING BLANK		
Jones ID:	**031320-G1MB1**	**031320-G1SB1**	**Reporting Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	16	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	2000	µg/m3
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	111%	114%	60 - 140	
Toluene-d_8	99%	95%	60 - 140	
4-Bromofluorobenzene	101%	97%	60 - 140	
Batch ID:	G1-031320-01	G1-031320-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	**Report date:**	3/17/2020
Client Address:	475 Goddard, Suite 200 Irvine, California 92618	**Jones Ref. No.:** **Client Ref. No.:**	G-0109 211175002
Attn:	Patrick Cullip	**Date Sampled:** **Date Received:**	3/13/2020 3/13/2020
Project:	City of El Monte Area Y Phase II ESA	**Date Analyzed:**	3/13/2020
Project Address:	10819 Valley Blvd El Monte, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID: G1-031320-01

Jones ID:	**031320-G1LCS1**	**031320-G1LCSD1**			**031320-G1CCV1**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	89%	89%	0.5%	60 - 140	103%	80 - 120
1,1-Dichloroethene	108%	110%	1.8%	60 - 140	111%	80 - 120
Cis-1,2-Dichloroethene	114%	113%	1.4%	70 - 130	102%	80 - 120
1,1,1-Trichloroethane	110%	114%	3.9%	70 - 130	104%	80 - 120
Benzene	115%	115%	0.7%	70 - 130	99%	80 - 120
Trichloroethene	108%	117%	7.9%	70 - 130	96%	80 - 120
Toluene	123%	118%	4.8%	70 - 130	98%	80 - 120
Tetrachloroethene	117%	121%	3.5%	70 - 130	99%	80 - 120
Chlorobenzene	112%	106%	5.5%	70 - 130	96%	80 - 120
Ethylbenzene	123%	117%	5.6%	70 - 130	98%	80 - 120
1,2,4 Trimethylbenzene	122%	128%	4.5%	70 - 130	105%	80 - 120
Gasoline Range Organics (C4-C12)	121%	119%	1.6%	70 - 130	100%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	100%	106%		60 - 140	101%	60 - 140
Toluene-d_8	100%	95%		60 - 140	95%	60 - 140
4-Bromofluorobenzene	102%	108%		60 - 140	99%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

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Soil-Gas Chain-of-Custody Record

Client: Ninyo & Moore

Project Name: City of El Monte Area Y Phase II ESA

Project Address: 10819 Valley Blvd, El Monte, California

Email:

Phone: 949-307-1441

Report To: Patrick Cullip

Sampler: Joel Almas

Date: 3/13/2020

Client Project #: 211175002

Purge Number: □ 1P ☑ 3P □ 7P □ 10P

Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge____ *Global ID _____

LAB USE ONLY

Jones Project #: G-0109

Page 2 of 2

Sample Container: GASTIGHT GLASS SYRINGE

If different than above, see Notes.

Turn Around Requested:
- □ Immediate Attention
- □ Rush 24 Hours
- □ Rush 48 Hours
- □ Rush 72 Hours
- □ Normal
- ☑ Mobile Lab

Tracer:
- ☑ n-pentane
- ☑ n-hexane
- ☑ n-heptane
- □ Isopropyl Alchohol
- □ 1,1-DFA
- □ _____

Reporting Limits: ☑ Standard □ Low Level* □ MDL* *surcharge for these limits

Units: µg/m³

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
SG5-5'	3	1790	3/13/20	12:56	12:57	G-0109-11	200	JACKSON.1	118007	SG	X				<2	1	
SG5-15'	3	1790	3/13/20	13:10	13:12	G-0109-12	200	JOEL.1	M100.106	SG	X				<2	1	
SG6-5'	3	1630	3/13/20	13:27	13:29	G-0109-13	200	JACKSON.1	118007	SG	X				<2	1	
SG6-15'	3	1790	3/13/20	13:45	13:47	G-0109-14	200	JOEL.1	M100.106	SG	X				<2	1	
SG7-5'	3	1630	3/13/20	14:04	14:06	G-0109-15	200	JACKSON.1	118007	SG	X				<2	1	
SG7-15'	3	1790	3/13/20	14:22	14:23	G-0109-16	200	JOEL.1	M100.106	SG	X				<2	1	
SG8-5'	3	1630	3/13/20	14:49	14:50	G-0109-17	200	JACKSON.1	118007	SG	X				<2	1	
SG8-15'	3	1790	3/13/20	15:05	15:05	G-0109-18	200	JACKSON.1	118007	SG	X				<2	1	

Representative Signature	Printed Name	Laboratory Signature	Printed Name		
	Jackson Flanagan		Joel Almas	8	Total Number of Containers
Company	**Date / Time**	**Company**	**Date / Time**		
Ninyo & Moore	3/13/2020 1534 0:00	JONES ENVIRONMENTAL, INC.	3/13/2020 0:00		
Representative Signature	**Printed Name**	**Laboratory Signature**	**Printed Name**		
Company	**Date / Time**	**Company**	**Date / Time**		

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain-of-Custody Record

Client: Ninyo & Moore
Project Name: City of El Monte Area Y Phase II ESA
Project Address: 10819 Valley Blvd, El Monte, California
Email:
Phone: 949-307-1441
Report To: Patrick Cullip
Sampler: Joel Almas

Date: 3/13/2020
Client Project #: 211175002

Purge Number: ☐ 1P ☑ 3P ☐ 7P ☐ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge____ *Global ID _____

Turn Around Requested: ☐ Immediate Attention ☐ Rush 24 Hours ☐ Rush 48 Hours ☐ Rush 72 Hours ☐ Normal ☑ Mobile Lab

Tracer: ☑ n-pentane ☑ n-hexane ☑ n-heptane ☐ Isopropyl Alchohol ☐ 1,1-DFA ☐ _____

Reporting Limits: ☑ Standard ☐ Low Level* ☐ MDL* *surcharge for these limits

Units: µg/M3

LAB USE ONLY
Jones Project #: G-0109

Page 1 of 2

Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
SG1-15'	3	1790	3/13/20	09:40	09:41	G-0109-01	200	JOEL.1	M100.106	SG	X				<2	1	
SG1-15' REP	3	1790	3/13/20	09:56	09:58	G-0109-02	200	JOEL.1	M100.106	SG	X				<2	1	
SG1-5'	3	1630	3/13/20	10:13	10:15	G-0109-03	200	JACKSON.1	118007	SG	X				<2	1	
SG2-5'	3	1630	3/13/20	10:31	10:33	G-0109-04	200	JOEL.1	M100.106	SG	X				<2	1	
SG2-15'	3	1790	3/13/20	10:47	10:49	G-0109-05	200	JACKSON.1	118007	SG	X				<2	1	
SG3-5'	3	1630	3/13/20	11:04	11:06	G-0109-06	200	JOEL.1	M100.106	SG	X				<2	1	
SG3-15'	3	1790	3/13/20	11:20	11:23	G-0109-07	200	JACKSON.1	118007	SG	X				<2	1	
SG4-5'	3	1630	3/13/20	11:56	11:57	G-0109-08	200	JOEL.1	M100.106	SG	X				<2	1	
SG4-5' REP	3	1630	3/13/20	12:28	12:30	G-0109-09	200	JOEL.1	118007	SG	X				<2	1	
SG4-15'	3	1790	3/13/20	12:14	12:15	G-0109-10	200	JACKSON.1	M100.106	SG	X				<2	1	

Representative Signature	Printed Name: Jackson Flanagan	Laboratory Signature	Printed Name: Joel Almas
Company: Ninyo & Moore	Date: 3/13/2020 Time: 1534	Company: JONES ENVIRONMENTAL, INC.	Date: 3/13/2020 Time:
Representative Signature	Printed Name	Laboratory Signature	Printed Name
Company	Date Time	Company	Date Time

10 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

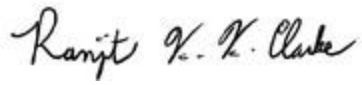
Lab Job Number: 425798
Report Level: II
Report Date: 03/19/2020

Analytical Report *prepared for:*

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Location: City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA

Authorized for release by:



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

ENTHALPY ANALYTICAL

Sample Summary

Patrick Cullip		Lab Job #:	425798
Ninyo & Moore		Location:	City of El Monte Area Y - 10819 Valley Boulevard, El Monte, CA
475 Goddard			
Suite 200		Date Received:	03/12/20
Irvine, CA 92618			

Sample ID	Lab ID	Collected	Matrix
WC	425798-001	03/12/20 09:15	Soil

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: 125798
Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	City of El Monte Area Y
Report To:	Patrick Cullip	Number:	211175002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	10819 Valley Boulevard
	Irvine, California		El Monte, California
Phone:	(949)753-7070	Global ID:	
Fax:	(949)753-7071	Sampled By:	Jackson Flanagan, Cheng Xue

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic by EPA 6010B	TPH by EPA 8010B/5035	VOCs by EPA 8260b/5035	Tile 22 Metals by EPA 6010B/7471A	TPHg 8015B	Test Instructions / Comments
1	WC	03/12/2020	0915	S..1	4oz jar	ice			X	X	X	TPHcc to include TPHg
2												
3												
4												
5												
6												
7												
8												
9												
10												

JF03-12-2020

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jackson Flanagan	Ninyo & Moore Staff	03/12/2020 1045
[1] Received By:		Fernando Duran	EA	03/12/20 1045
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

4.5 /12.7

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: _____

Date Received: 3/12/20 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 12.7 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 4.5 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

_____

_____

_____

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 03/12/20

ENTHALPY ANALYTICAL

Analysis Results for 425798

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425798
Location: City of El Monte Area Y - 10819
Valley Boulevard, El Monte, CA
Date Received: 03/12/20

Sample ID: WC **Lab ID: 425798-001** **Collected: 03/12/20 09:15**
Matrix: Soil

425798-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	243327	03/16/20	03/17/20	SBW
Arsenic	**4.0**		mg/Kg	0.96	0.96	243327	03/16/20	03/17/20	SBW
Barium	**160**		mg/Kg	0.96	0.96	243327	03/16/20	03/17/20	SBW
Beryllium	ND		mg/Kg	0.48	0.96	243327	03/16/20	03/17/20	SBW
Cadmium	**0.94**		mg/Kg	0.48	0.96	243327	03/16/20	03/17/20	SBW
Chromium	**23**		mg/Kg	0.96	0.96	243327	03/16/20	03/17/20	SBW
Cobalt	**15**		mg/Kg	0.48	0.96	243327	03/16/20	03/17/20	SBW
Copper	**28**		mg/Kg	0.96	0.96	243327	03/16/20	03/17/20	SBW
Lead	**18**		mg/Kg	0.96	0.96	243327	03/16/20	03/17/20	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	243327	03/16/20	03/17/20	SBW
Nickel	**21**		mg/Kg	1.4	0.96	243327	03/16/20	03/17/20	SBW
Selenium	ND		mg/Kg	2.9	0.96	243327	03/16/20	03/17/20	SBW
Silver	ND		mg/Kg	0.48	0.96	243327	03/16/20	03/17/20	SBW
Thallium	ND		mg/Kg	2.9	0.96	243327	03/16/20	03/17/20	SBW
Vanadium	**49**		mg/Kg	0.48	0.96	243327	03/16/20	03/17/20	SBW
Zinc	**97**		mg/Kg	4.8	0.96	243327	03/16/20	03/17/20	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.13	0.91	243330	03/16/20	03/16/20	JDB
Method: EPA 8015M Prep Method: EPA 3580									
GRO C6-C10	ND		mg/Kg	10	1	243320	03/16/20	03/16/20	TJW
DRO C10-C28	ND		mg/Kg	10	1	243320	03/16/20	03/16/20	TJW
ORO C28-C44	ND		mg/Kg	10	1	243320	03/16/20	03/16/20	TJW
Surrogates				**Limits**					
n-Triacontane	96%		%REC	50-150	1	243320	03/16/20	03/16/20	TJW
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Freon 12	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Chloromethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Bromomethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Chloroethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425798

425798-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Acetone	ND		ug/Kg	100	1	243215	03/13/20	03/13/20	LYZ
Freon 113	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
MTBE	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
2-Butanone	ND		ug/Kg	100	1	243215	03/13/20	03/13/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Chloroform	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Benzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Toluene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	243215	03/13/20	03/13/20	LYZ
o-Xylene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Styrene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Bromoform	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 425798

425798-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
tert-Butylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Naphthalene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	243215	03/13/20	03/13/20	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-145	1	243215	03/13/20	03/13/20	LYZ
1,2-Dichloroethane-d4	96%		%REC	70-145	1	243215	03/13/20	03/13/20	LYZ
Toluene-d8	105%		%REC	70-145	1	243215	03/13/20	03/13/20	LYZ
Bromofluorobenzene	103%		%REC	70-145	1	243215	03/13/20	03/13/20	LYZ

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC862367	**Batch:** 243327
Matrix: Soil	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC862367 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	03/16/20	03/17/20
Arsenic	ND		mg/Kg	1.0	03/16/20	03/17/20
Barium	ND		mg/Kg	1.0	03/16/20	03/17/20
Beryllium	ND		mg/Kg	0.50	03/16/20	03/17/20
Cadmium	ND		mg/Kg	0.50	03/16/20	03/17/20
Chromium	ND		mg/Kg	1.0	03/16/20	03/17/20
Cobalt	ND		mg/Kg	0.50	03/16/20	03/17/20
Copper	ND		mg/Kg	1.0	03/16/20	03/17/20
Lead	ND		mg/Kg	1.0	03/16/20	03/17/20
Molybdenum	ND		mg/Kg	1.0	03/16/20	03/17/20
Nickel	ND		mg/Kg	1.5	03/16/20	03/17/20
Selenium	ND		mg/Kg	3.0	03/16/20	03/17/20
Silver	ND		mg/Kg	0.50	03/16/20	03/17/20
Thallium	ND		mg/Kg	3.0	03/16/20	03/17/20
Vanadium	ND		mg/Kg	0.50	03/16/20	03/17/20
Zinc	ND		mg/Kg	5.0	03/16/20	03/17/20

Type: Lab Control Sample	**Lab ID:** QC862368	**Batch:** 243327
Matrix: Soil	**Method:** EPA 6010B	**Prep Method:** EPA 3050B

QC862368 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	102.6	100.0	mg/Kg	103%		80-120
Arsenic	96.61	100.0	mg/Kg	97%		80-120
Barium	100.6	100.0	mg/Kg	101%		80-120
Beryllium	97.07	100.0	mg/Kg	97%		80-120
Cadmium	99.83	100.0	mg/Kg	100%		80-120
Chromium	97.15	100.0	mg/Kg	97%		80-120
Cobalt	102.8	100.0	mg/Kg	103%		80-120
Copper	93.86	100.0	mg/Kg	94%		80-120
Lead	101.8	100.0	mg/Kg	102%		80-120
Molybdenum	99.51	100.0	mg/Kg	100%		80-120
Nickel	106.3	100.0	mg/Kg	106%		80-120
Selenium	91.39	100.0	mg/Kg	91%		80-120
Silver	89.55	100.0	mg/Kg	90%		80-120
Thallium	102.1	100.0	mg/Kg	102%		80-120
Vanadium	102.4	100.0	mg/Kg	102%		80-120
Zinc	105.0	100.0	mg/Kg	105%		80-120

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC862369**	**Batch:**	**243327**
Matrix (Source ID):	**Soil (425881-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862369 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	24.63	0	101.0	mg/Kg	24%	*	75-125	1
Arsenic	96.68	2.778	101.0	mg/Kg	93%		75-125	1
Barium	168.3	77.55	101.0	mg/Kg	90%		75-125	1
Beryllium	93.86	0	101.0	mg/Kg	93%		75-125	1
Cadmium	93.21	0.8081	101.0	mg/Kg	91%		75-125	1
Chromium	108.6	16.55	101.0	mg/Kg	91%		75-125	1
Cobalt	104.8	8.778	101.0	mg/Kg	95%		75-125	1
Copper	107.1	15.33	101.0	mg/Kg	91%		75-125	1
Lead	98.57	6.071	101.0	mg/Kg	92%		75-125	1
Molybdenum	93.64	1.980	101.0	mg/Kg	91%		75-125	1
Nickel	108.4	11.14	101.0	mg/Kg	96%		75-125	1
Selenium	84.98	0	101.0	mg/Kg	84%		75-125	1
Silver	86.62	0	101.0	mg/Kg	86%		75-125	1
Thallium	57.35	0	101.0	mg/Kg	57%	*	75-125	1
Vanadium	136.7	38.29	101.0	mg/Kg	97%		75-125	1
Zinc	158.4	56.14	101.0	mg/Kg	101%		75-125	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862370**	**Batch:**	**243327**
Matrix (Source ID):	**Soil (425881-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC862370 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	21.04	0	90.09	mg/Kg	23%	*	75-125	4	41	0.9
Arsenic	87.60	2.778	90.09	mg/Kg	94%		75-125	1	35	0.9
Barium	163.2	77.55	90.09	mg/Kg	95%		75-125	3	20	0.9
Beryllium	84.53	0	90.09	mg/Kg	94%		75-125	1	20	0.9
Cadmium	85.52	0.8081	90.09	mg/Kg	94%		75-125	3	20	0.9
Chromium	100.4	16.55	90.09	mg/Kg	93%		75-125	2	20	0.9
Cobalt	93.15	8.778	90.09	mg/Kg	94%		75-125	1	20	0.9
Copper	102.9	15.33	90.09	mg/Kg	97%		75-125	6	20	0.9
Lead	89.48	6.071	90.09	mg/Kg	93%		75-125	1	20	0.9
Molybdenum	82.50	1.980	90.09	mg/Kg	89%		75-125	1	20	0.9
Nickel	103.4	11.14	90.09	mg/Kg	102%		75-125	6	20	0.9
Selenium	80.00	0	90.09	mg/Kg	89%		75-125	5	20	0.9
Silver	78.57	0	90.09	mg/Kg	87%		75-125	2	20	0.9
Thallium	48.14	0	90.09	mg/Kg	53%	*	75-125	6	20	0.9
Vanadium	130.2	38.29	90.09	mg/Kg	102%		75-125	3	20	0.9
Zinc	157.1	56.14	90.09	mg/Kg	112%		75-125	6	20	0.9

Type:	**Blank**	**Lab ID:**	**QC862378**	**Batch:**	**243330**
Matrix:	**Soil**	**Method:**	**EPA 7471A**	**Prep Method:**	**METHOD**

QC862378 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	03/16/20	03/16/20

Type:	**Lab Control Sample**	**Lab ID:**	**QC862379**	**Batch:**	**243330**
Matrix:	**Soil**	**Method:**	**EPA 7471A**	**Prep Method:**	**METHOD**

QC862379 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8472	0.8333	mg/Kg	102%		80-120

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC862380**	**Batch:**	**243330**
Matrix (Source ID):	**Soil (425881-001)**	**Method:**	**EPA 7471A**	**Prep Method:**	**METHOD**

QC862380 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.7334	0	0.7463	mg/Kg	98%		75-125	0.9

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862381**	**Batch:**	**243330**
Matrix (Source ID):	**Soil (425881-001)**	**Method:**	**EPA 7471A**	**Prep Method:**	**METHOD**

QC862381 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.6980	0	0.7246	mg/Kg	96%		75-125	2	20	0.87

Type:	**Blank**	**Lab ID:**	**QC862348**	**Batch:**	**243320**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC862348 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	10	03/16/20	03/16/20
DRO C10-C28	ND		mg/Kg	10	03/16/20	03/16/20
ORO C28-C44	ND		mg/Kg	10	03/16/20	03/16/20
Surrogates				**Limits**		
n-Triacontane	94%		%REC	50-150	03/16/20	03/16/20

Type:	**Lab Control Sample**	**Lab ID:**	**QC862349**	**Batch:**	**243320**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC862349 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	266.6	250.0	mg/Kg	107%		70-130
Surrogates						
n-Triacontane	10.04	10.00	mg/Kg	100%		50-150

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC862350**	**Batch:**	**243320**
Matrix (Source ID):	**Soil (425782-001)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC862350 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	216.4	10.60	250.0	mg/Kg	82%		70-130	1
Surrogates								
n-Triacontane	8.255		10.00	mg/Kg	83%		50-150	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862351**	**Batch:**	**243320**
Matrix (Source ID):	**Soil (425782-001)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC862351 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	193.2	10.60	250.0	mg/Kg	73%		70-130	11	20	1
Surrogates										
n-Triacontane	7.328		10.00	mg/Kg	73%		50-150			1

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC862142**	**Batch:**	**243215**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC862142 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	03/13/20	03/13/20
Freon 12	ND		ug/Kg	5.0	03/13/20	03/13/20
Chloromethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Vinyl Chloride	ND		ug/Kg	5.0	03/13/20	03/13/20
Bromomethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Chloroethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Trichlorofluoromethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Acetone	ND		ug/Kg	100	03/13/20	03/13/20
Freon 113	ND		ug/Kg	5.0	03/13/20	03/13/20
1,1-Dichloroethene	ND		ug/Kg	5.0	03/13/20	03/13/20
Methylene Chloride	ND		ug/Kg	5.0	03/13/20	03/13/20
MTBE	ND		ug/Kg	5.0	03/13/20	03/13/20
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,1-Dichloroethane	ND		ug/Kg	5.0	03/13/20	03/13/20
2-Butanone	ND		ug/Kg	100	03/13/20	03/13/20
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	03/13/20	03/13/20
2,2-Dichloropropane	ND		ug/Kg	5.0	03/13/20	03/13/20
Chloroform	ND		ug/Kg	5.0	03/13/20	03/13/20
Bromochloromethane	ND		ug/Kg	5.0	03/13/20	03/13/20
1,1,1-Trichloroethane	ND		ug/Kg	5.0	03/13/20	03/13/20
1,1-Dichloropropene	ND		ug/Kg	5.0	03/13/20	03/13/20
Carbon Tetrachloride	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2-Dichloroethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Benzene	ND		ug/Kg	5.0	03/13/20	03/13/20
Trichloroethene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2-Dichloropropane	ND		ug/Kg	5.0	03/13/20	03/13/20
Bromodichloromethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Dibromomethane	ND		ug/Kg	5.0	03/13/20	03/13/20
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	03/13/20	03/13/20
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	03/13/20	03/13/20
Toluene	ND		ug/Kg	5.0	03/13/20	03/13/20
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,1,2-Trichloroethane	ND		ug/Kg	5.0	03/13/20	03/13/20
1,3-Dichloropropane	ND		ug/Kg	5.0	03/13/20	03/13/20
Tetrachloroethene	ND		ug/Kg	5.0	03/13/20	03/13/20
Dibromochloromethane	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2-Dibromoethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Chlorobenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	03/13/20	03/13/20
Ethylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
m,p-Xylenes	ND		ug/Kg	10	03/13/20	03/13/20
o-Xylene	ND		ug/Kg	5.0	03/13/20	03/13/20

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Batch QC

QC862142 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Styrene	ND		ug/Kg	5.0	03/13/20	03/13/20
Bromoform	ND		ug/Kg	5.0	03/13/20	03/13/20
Isopropylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2,3-Trichloropropane	ND		ug/Kg	5.0	03/13/20	03/13/20
Propylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
Bromobenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
2-Chlorotoluene	ND		ug/Kg	5.0	03/13/20	03/13/20
4-Chlorotoluene	ND		ug/Kg	5.0	03/13/20	03/13/20
tert-Butylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
sec-Butylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
para-Isopropyl Toluene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,3-Dichlorobenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,4-Dichlorobenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
n-Butylbenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2-Dichlorobenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
Hexachlorobutadiene	ND		ug/Kg	5.0	03/13/20	03/13/20
Naphthalene	ND		ug/Kg	5.0	03/13/20	03/13/20
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	03/13/20	03/13/20
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/13/20	03/13/20
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/13/20	03/13/20
Xylene (total)	ND		ug/Kg	5.0	03/13/20	03/13/20
Surrogates				**Limits**		
Dibromofluoromethane	97%		%REC	70-145	03/13/20	03/13/20
1,2-Dichloroethane-d4	97%		%REC	70-145	03/13/20	03/13/20
Toluene-d8	101%		%REC	70-145	03/13/20	03/13/20
Bromofluorobenzene	103%		%REC	70-145	03/13/20	03/13/20

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC862144**	**Batch:**	**243215**
Matrix (Source ID):	**Soil (425805-004)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC862144 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	46.28	0	50.00	ug/Kg	93%		59-172	1
MTBE	38.91	0	50.00	ug/Kg	78%		62-137	1
Benzene	44.85	0	50.00	ug/Kg	90%		62-137	1
Trichloroethene	44.52	0	50.00	ug/Kg	89%		66-142	1
Toluene	43.57	0	50.00	ug/Kg	87%		59-139	1
Chlorobenzene	42.01	0	50.00	ug/Kg	84%		60-133	1
Surrogates								
Dibromofluoromethane	52.09		50.00	ug/Kg	104%		70-145	1
1,2-Dichloroethane-d4	53.00		50.00	ug/Kg	106%		70-145	1
Toluene-d8	49.64		50.00	ug/Kg	99%		70-145	1
Bromofluorobenzene	49.82		50.00	ug/Kg	100%		70-145	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC862145**	**Batch:**	**243215**
Matrix (Source ID):	**Soil (425805-004)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC862145 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	45.91	0	50.00	ug/Kg	92%		59-172	1	22	1
MTBE	36.65	0	50.00	ug/Kg	73%		62-137	6	21	1
Benzene	42.45	0	50.00	ug/Kg	85%		62-137	5	24	1
Trichloroethene	43.74	0	50.00	ug/Kg	87%		66-142	2	21	1
Toluene	42.17	0	50.00	ug/Kg	84%		59-139	3	21	1
Chlorobenzene	40.37	0	50.00	ug/Kg	81%		60-133	4	24	1
Surrogates										
Dibromofluoromethane	50.95		50.00	ug/Kg	102%		70-145			1
1,2-Dichloroethane-d4	50.24		50.00	ug/Kg	100%		70-145			1
Toluene-d8	49.52		50.00	ug/Kg	99%		70-145			1
Bromofluorobenzene	48.38		50.00	ug/Kg	97%		70-145			1

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Batch QC

Type: Lab Control Sample	**Lab ID: QC862197**	**Batch: 243215**
Matrix: Soil	**Method: EPA 8260B**	**Prep Method: EPA 5030B**

QC862197 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	57.82	50.00	ug/Kg	116%		59-172
MTBE	43.11	50.00	ug/Kg	86%		62-137
Benzene	51.88	50.00	ug/Kg	104%		62-137
Trichloroethene	52.30	50.00	ug/Kg	105%		66-142
Toluene	52.85	50.00	ug/Kg	106%		59-139
Chlorobenzene	51.52	50.00	ug/Kg	103%		60-133
Surrogates						
Dibromofluoromethane	51.11	50.00	ug/Kg	102%		70-145
1,2-Dichloroethane-d4	48.68	50.00	ug/Kg	97%		70-145
Toluene-d8	50.63	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	49.70	50.00	ug/Kg	99%		70-145

* Value is outside QC limits
ND Not Detected

Ninyo & Moore

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