

Appendix K – Phase II Environmental Site Assessment (Phase II ESA): Cache Slough Project Property [Bowlsbey and Vogel Properties], ENGEO, February 2017.

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Project No.
13741.000.000

February 17, 2017

Mr. Troy Anderson
Ecosystem Investment Partners
2002 Clipper Park Road, Suite 201
Baltimore, MD 21211

Subject: Cache Slough Project Property
5725 Liberty Island Road
Dixon, California

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Anderson:

We are pleased to submit the findings from our phase II environmental site assessment (ESA) conducted at the subject property in Dixon, California (Property). The purpose of the phase II ESA was to evaluate potential environmental concerns identified during a recent phase I ESA of the Property. It is our understanding that the Property will be used as an environmental mitigation area and may undergo varying degrees of environmental restoration.

BACKGROUND

The Property is located at 5725 Liberty Island Road, Dixon, Solano County, California. We reviewed the executive summary of a phase I ESA that was recently prepared for the Property by WRA, Inc. (WRA). The phase I ESA report identified the following Recognized Environmental Conditions (RECs) for the Property:

- Petroleum products were identified on the Property, specifically at the waste oil collection area and the waste oil disposal station. Additionally, one 5,000-gallon gasoline above-ground storage tank (AST) is located on the Property.
- A pipe of unknown use was identified on the Property, north of Sycamore Slough, below the levee. The pipe did not appear to be associated with any above-ground structures. The pipe could potentially be associated with an underground storage tank (UST).

SITE CHARACTERIZATION

Field activities performed on February 14, 2017, included soil sampling and a magnetometer survey.

Task 1 – Magnetometer Survey to Locate UST

We retained a subcontractor (Geotech) to conduct a magnetometer survey at the Property in an attempt to locate remaining underground storage tank and/or other subsurface structures in the area where the unknown pipe was observed during the previous phase I ESA. Geotech did not observe anything indicative of an underground storage tank in the vicinity of the unknown pipe. Geotech did observe a metallic feature, characteristic of a pipeline, approximately 4 feet below

the ground surface extending north, parallel to the levee. An additional pipe was observed extending from the unknown pipe north along the ground surface. The lessee of the Property indicated that the unknown pipe was associated with an inactive gas well.

Task 2 – Soil Sampling

Eight borings were advanced in areas of the Property where potential environmental concerns were previously identified (waste oil collection area, storage shed with hazardous materials, and adjacent to the gasoline AST). Using a hand auger, the borings were advanced to a depth of 4 feet below the ground surface. Two samples were recovered from each of the borings, one at the surface and another one at a depth of 3 feet below the ground surface.

Soil samples were placed into 2-inch by 6-inch pre-cleaned stainless steel liners. Following recovery, the sample liners were sealed using Teflon® sheets secured by tight-fitting plastic end caps and duct tape. Upon collection, a label was placed on the sample that included a unique sample number, sample location, time/date collected, laboratory analysis, and the sampler's identification. The soil samples were placed in an ice-cooled chest and submitted under documented chain-of-custody to Torrent Laboratory, Inc., a State-certified laboratory in Milpitas, California for the following analyses:

- LUFT-5 metals (cadmium, chromium, lead, nickel, and zinc) (EPA Method 6010)
- Volatile organic compounds (VOCs) and total petroleum hydrocarbons as gasoline (TPH-g) (EPA Method 8260)
- Total petroleum hydrocarbons as diesel (TPH-d) and total petroleum hydrocarbons as motor oil (TPH-mo) (EPA Method 8015M with silica gel cleanup)

ANALYTICAL RESULTS

Laboratory results indicate detectable concentrations of chromium, nickel, lead, and zinc; however, reported concentrations are below USEPA regional screening levels (RSLs)¹ and environmental screening levels (ESLs)² established by the San Francisco Bay Regional Water Quality Control Board (RWQCB) for residential soil. Chromium concentrations, while below respective screening levels, are greater than ten times the respective soluble threshold limit concentration (STLC). If material in this location is to be excavated and removed from the Property, a transporter may require additional testing to determine the soluble chromium concentration.

Several samples exhibited detectable concentrations of petroleum hydrocarbons. Detectable concentrations of TPH-d ranged from 2.24 milligrams per kilogram (mg/kg) to 180 mg/kg. Detectable concentrations of TPH-mo ranged from 13.3 mg/kg to 1,190 mg/kg. Reported concentrations of TPH-mo are below the respective ESL and RSL for residential soil. With the exception of Sample AST-1 @ 0.5' (180 mg/kg), reported concentrations of TPH-d are below the respective RSL of 110 mg/kg. However, the TPH-d concentration reported for sample AST-1 @ 0.5' is below the respective ESL of 230 mg/kg. Samples W.O.-3 @ 3' and C.S.-1 @ 3' exhibited

¹ EPA Region 9 Regional Screening Levels for Residential Soil (May 2016).

² RWQCB - Soil Summary Table S-1, Residential Land Use, Shallow Soil; Feb. 2016 Revision 3.

detectable concentrations of TPH-g (739 micrograms per kilogram ($\mu\text{g}/\text{kg}$) and 106 $\mu\text{g}/\text{kg}$, respectively). Reported concentrations of TPH-g are below respective screening levels.

Samples AST-2 @ 3' and AST-3 @ 3' exhibited detectable concentrations of methyl tertiary butyl ether (MTBE). However, the reported concentrations are below the respective ESL and RSL for residential soil. Trace diisopropyl ether (DIPE) detections were reported for samples W.O.-1 @ 3', W.O.-3 @ 3', C.S.-1@ 3', and C.S.-2 @ 3'. The reported concentrations of DIPE are below the respective screening level.

The laboratory results are summarized in Table A and presented in their entirety in Appendix A.

DISCUSSION AND CONCLUSION

The magnetometer survey did not find evidence of any underground structures associated with the unknown pipe identified in WRA's phase I ESA. Piping was observed extending north from the unknown pipe along the ground surface. Additionally, the magnetometer survey did observe a metallic feature indicative of a pipeline extending north, approximately 4 feet below the ground surface. The lessee of the Property indicated that the unknown pipe was part of an inactive gas well on the Property.

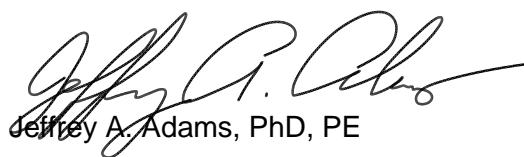
Review of the laboratory test results found detectable concentrations of metallic analytes, VOCs and petroleum hydrocarbons in the soil samples; however, with the exception of Sample AST-1 @ 0.5', reported concentrations of detectable analytes are below respective ESLs and RSLs. Sample AST-1 @ 0.5' exhibited a TPH-d concentration that slightly exceeds the respective RSL but is below the respective ESL. The slightly elevated TPH-d concentration in the aforementioned sample is considered isolated and does not appear to be indicative of a greater environmental impact to site soils.

Sincerely,

ENGEO Incorporated



Robert Peck
rp/jaa/jf



Jeffrey A. Adams, PhD, PE

Attachments: Figures
Table A
Appendix A – Laboratory Analysis Report

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FIGURES

FIGURE 1 – Vicinity Map
FIGURE 2 – Sample Plan

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0 MILES
0 KILOMETERS

EXPLANATION
ALL LOCATIONS ARE APPROXIMATE

— SITE BOUNDARY

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO
Expect Excellence

VICINITY MAP
CACHE SLOUGH PROPERTY
DIXON, CALIFORNIA

PROJECT NO.: 13741.000.000

SCALE: AS SHOWN

DRAWN BY: SRP CHECKED BY: DB

FIGURE NO.

1



0 FEET
0 METERS 30

EXPLANATION

ALL LOCATIONS ARE APPROXIMATE

WO-3 ● WASTE OIL SOIL SAMPLE

CS-2 ● CHEMICAL STORAGE SOIL SAMPLE

AST-3 ● ABOVE GROUND STORAGE TANK SOIL SAMPLE

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO
Expect Excellence

SAMPLE PLAN
CACHE SLOUGH PROPERTY
DIXON, CALIFORNIA

PROJECT NO.: 13741.000.000

SCALE: AS SHOWN

DRAWN BY: SRP CHECKED BY: DB

FIGURE NO.

2

TABLE A

Laboratory Results Summary

13741.000.000
February 17, 2017

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Table A - Laboratory Results Summary - Soil

SAMPLE	DEPTH (FT)	DATE	METALS				Volatile Organic Compounds		Total Petroleum Hydrocarbons		
			Chromium	Lead	Nickel	Zinc	MTBE	DIPE	TPH-g	TPH-d	TPH-mo
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	µg/Kg	µg/Kg	µg/Kg	mg/Kg	mg/Kg
W.O. -1 @ 0.5'	0.5	2/14/2017	64.9	17.9	98.3	192.0	<10	<10	<100	29.6	88.8
W.O. -1 @ 3'	3	2/14/2017	49	5.08	76.9	40.6	<10	77.8	<100	<2.0	<10
W.O. - 2 @ 0.5'	0.5	2/14/2017	85.6	9.65	143	84.9	<10	<10	<100	10.4	313
W.O. - 2 @ 3'	3	2/14/2017	49.4	3.96	75.4	41.5	<10	<10	<100	<2.0	<10
W.O. - 3 @ 0.5'	0.5	2/14/2017	80.9	13.7	157	266.0	<10	<10	<100	14.8	389
W.O. - 3 @ 3'	3	2/14/2017	56.2	5.71	80.5	55.6	<10	21.6	739.0	5.2	40.8
C.S. - 1 @ 0.5'	0.5	2/14/2017	70.7	17.5	117	106.0	<10	<10	<100	23.8	388
C.S. - 1 @ 3'	3	2/14/2017	45.7	4.35	59	36.5	<10	23.0	106.0	<2.0	<10
C.S. - 2 @ 0.5'	0.5	2/14/2017	76.5	11.9	116	108.0	<10	<10	<100	59.5	1190
C.S. - 2 @ 3'	3	2/14/2017	46.2	5.62	55.2	40.6	<10	13.3	<100	<2.0	<10
AST - 1 @ 0.5'	0.5	2/14/2017	68.5	6.92	105	107.0	<10	<10	<100	180	208
AST - 1 @ 3'	3	2/14/2017	61.5	8.04	101	55.7	<10	<10	<100	38.3	16.3
AST - 2 @ 0.5'	0.5	2/14/2017	73	8.9	122	71.9	<10	<10	<100	<10	344
AST - 2 @ 3'	3	2/14/2017	70.2	5.27	107	57.5	11.1	<10	<100	10.9	284
AST - 3 @ 0.5'	0.5	2/14/2017	67.1	4.54	113	53.8	<10	<10	<100	2.24	13.3
AST - 3 @ 3'	3	2/14/2017	51.8	3.1	72	40.6	57.2	<10	<100	<2.0	<10
RSL - EPA Region 9 Regional Screening Levels for Residential Soil (May 2016)			1.20E+05	4.00E+02	1.50E+03	2.30E+04	4.70E+04	2.20E+06	8.20E+04	1.10E+02	2.50E+03
ESL (Soil Summary, Residential; Feb 2016 Rev 3) - RWQCB			1.20E+05	8.00E+01	8.20E+02	2.30E+04	4.20E+04	N/A	7.40E+05	2.30E+02	1.10E+04

mg/Kg=Milligrams per Kilogram

µg/Kg=Micrograms per Kilogram

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APPENDIX A

TORRENT LABORATORY INC. **Laboratory Analysis Report**

13741.000.000
February 17, 2017

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Engeo (San Ramon)
2010 Crow Canyon Place, #250
San Ramon, California 94583
Tel: (925) 866-9000
Fax: (925) 866-0199
RE: 5725 Liberty Island Road

Work Order No.: 1702124

Dear Divya Bhargava:

Torrent Laboratory, Inc. received 16 sample(s) on February 14, 2017 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that appears to read "Patti L Sandrock".

Patti L Sandrock
QA Officer

February 15, 2017

Date



Date: 2/15/2017

Client: Engeo (San Ramon)

Project: 5725 Liberty Island Road

Work Order: 1702124

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Analytical Comments for method Met_S_6010B CAM17, 1702124-001A MS/MSD, QC Analytical Preparation ID 5026, Note: The % recoveries for Zinc are outside of laboratory control limits but % RPD is within limits. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.



Sample Result Summary

Report prepared for: Divya Bhargava
Date Received: 02/14/17
 Engeo (San Ramon) **Date Reported:** 02/15/17

W.O.-1@0.5'

1702124-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	64.9	mg/Kg
Lead	SW6010B	1	0.10	1.30	17.9	mg/Kg
Nickel	SW6010B	1	0.50	5.00	98.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	192	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	29.6	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	88.8	mg/Kg

W.O.-1@3'

1702124-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	49.0	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.08	mg/Kg
Nickel	SW6010B	1	0.50	5.00	76.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	40.6	mg/Kg
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	77.8	ug/Kg

W.O.-2@0.5'

1702124-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	85.6	mg/Kg
Lead	SW6010B	1	0.10	1.30	9.65	mg/Kg
Nickel	SW6010B	1	0.50	5.00	143	mg/Kg
Zinc	SW6010B	1	0.30	5.00	84.9	mg/Kg
TPH as Diesel (SG)	SW8015B	5	4.3	10	10.4	mg/Kg
TPH as Motor Oil (SG)	SW8015B	5	16	50	313	mg/Kg

W.O.-2@3'

1702124-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	49.4	mg/Kg
Lead	SW6010B	1	0.10	1.30	3.96	mg/Kg
Nickel	SW6010B	1	0.50	5.00	75.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	41.5	mg/Kg

W.O.-3@0.5'

1702124-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	80.9	mg/Kg
Lead	SW6010B	1	0.10	1.30	13.7	mg/Kg
Nickel	SW6010B	1	0.50	5.00	157	mg/Kg
Zinc	SW6010B	1	0.30	5.00	266	mg/Kg
TPH as Diesel (SG)	SW8015B	3	5.1	12	14.8	mg/Kg
TPH as Motor Oil (SG)	SW8015B	3	19	60	389	mg/Kg



Sample Result Summary

Report prepared for: Divya Bhargava
Date Received: 02/14/17
 Engeo (San Ramon)
Date Reported: 02/15/17

W.O.-3@3'

1702124-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	43	100	739	ug/Kg
Chromium	SW6010B	1	0.075	5.00	56.2	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.71	mg/Kg
Nickel	SW6010B	1	0.50	5.00	80.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	55.6	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	5.19	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	40.8	mg/Kg
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	21.6	ug/Kg

C.S.-1@0.5' 1702124-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	70.7	mg/Kg
Lead	SW6010B	1	0.10	1.30	17.5	mg/Kg
Nickel	SW6010B	1	0.50	5.00	117	mg/Kg
Zinc	SW6010B	1	0.30	5.00	106	mg/Kg
TPH as Diesel (SG)	SW8015B	5	4.3	10	23.8	mg/Kg
TPH as Motor Oil (SG)	SW8015B	5	16	50	388	mg/Kg

C.S.-1@3' 1702124-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	43	100	106	ug/Kg
Chromium	SW6010B	1	0.075	5.00	45.7	mg/Kg
Lead	SW6010B	1	0.10	1.30	4.35	mg/Kg
Nickel	SW6010B	1	0.50	5.00	59.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	36.5	mg/Kg
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	23.0	ug/Kg

C.S.-2@0.5' 1702124-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	76.5	mg/Kg
Lead	SW6010B	1	0.10	1.30	11.9	mg/Kg
Nickel	SW6010B	1	0.50	5.00	116	mg/Kg
Zinc	SW6010B	1	0.30	5.00	108	mg/Kg
TPH as Diesel (SG)	SW8015B	20.00	17	40	59.5	mg/Kg
TPH as Motor Oil (SG)	SW8015B	20.00	64	200	1190	mg/Kg



Sample Result Summary

Report prepared for: Divya Bhargava
Date Received: 02/14/17
 Engeo (San Ramon)
Date Reported: 02/15/17

C.S.-2@3'

1702124-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chromium	SW6010B	1	0.075	5.00	46.2	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.62	mg/Kg
Nickel	SW6010B	1	0.50	5.00	55.2	mg/Kg
Zinc	SW6010B	1	0.30	5.00	40.6	mg/Kg
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	13.3	ug/Kg

AST-1@0.5' 1702124-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chromium	SW6010B	1	0.075	5.00	68.5	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.92	mg/Kg
Nickel	SW6010B	1	0.50	5.00	105	mg/Kg
Zinc	SW6010B	1	0.30	5.00	107	mg/Kg
TPH as Diesel (SG)	SW8015B	5	4.3	10	180	mg/Kg
TPH as Motor Oil (SG)	SW8015B	5	16	50	208	mg/Kg

AST-1@3' 1702124-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chromium	SW6010B	1	0.075	5.00	61.5	mg/Kg
Lead	SW6010B	1	0.10	1.30	8.04	mg/Kg
Nickel	SW6010B	1	0.50	5.00	101	mg/Kg
Zinc	SW6010B	1	0.30	5.00	55.7	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	38.3	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	16.3	mg/Kg

AST-2@0.5' 1702124-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chromium	SW6010B	1	0.075	5.00	73.0	mg/Kg
Lead	SW6010B	1	0.10	1.30	8.90	mg/Kg
Nickel	SW6010B	1	0.50	5.00	122	mg/Kg
Zinc	SW6010B	1	0.30	5.00	71.9	mg/Kg
TPH as Motor Oil (SG)	SW8015B	5	16	50	344	mg/Kg



Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 02/14/17

Date Reported: 02/15/17

1702124-014

AST-2@3'

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	70.2	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.27	mg/Kg
Nickel	SW6010B	1	0.50	5.00	107	mg/Kg
Zinc	SW6010B	1	0.30	5.00	57.5	mg/Kg
TPH as Diesel (SG)	SW8015B	5	4.3	10	10.9	mg/Kg
TPH as Motor Oil (SG)	SW8015B	5	16	50	284	mg/Kg
MTBE	SW8260B	1	2.3	10	11.1	ug/Kg

AST-3@0.5' 1702124-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	67.1	mg/Kg
Lead	SW6010B	1	0.10	1.30	4.54	mg/Kg
Nickel	SW6010B	1	0.50	5.00	113	mg/Kg
Zinc	SW6010B	1	0.30	5.00	53.8	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.24	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	13.3	mg/Kg

AST-3@3' 1702124-016

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.075	5.00	51.8	mg/Kg
Lead	SW6010B	1	0.10	1.30	3.10	mg/Kg
Nickel	SW6010B	1	0.50	5.00	72.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	40.6	mg/Kg
MTBE	SW8260B	1	2.3	10	57.2	ug/Kg



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-1@0.5'	Lab Sample ID:	1702124-001A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 9:40		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	10:29	ERR	422512
Chromium	SW6010B	1	0.075	5.00	64.9		mg/Kg	02/15/17	10:29	ERR	422512
Lead	SW6010B	1	0.10	1.30	17.9		mg/Kg	02/15/17	10:29	ERR	422512
Nickel	SW6010B	1	0.50	5.00	98.3		mg/Kg	02/15/17	10:29	ERR	422512
Zinc	SW6010B	1	0.30	5.00	192		mg/Kg	02/15/17	10:29	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	29.6	x	mg/Kg	02/14/17	21:59	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	88.8		mg/Kg	02/14/17	21:59	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		77.9		%	02/14/17	21:59	MK	422509

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	20:26	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:26	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:26	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	20:26	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	20:26	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-1@0.5'	Lab Sample ID:	1702124-001A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 9:40		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17 2:16:00PM
Prep Batch ID:	5034	Prep Analyst:	MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:26	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	20:26	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	20:26	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:26	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:26	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	20:26	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:26	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-1@0.5'	Lab Sample ID:	1702124-001A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 9:40		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:26	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	20:26	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:26	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	20:26	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:26	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		93.8		%	02/14/17	20:26	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		102		%	02/14/17	20:26	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		97.1		%	02/14/17	20:26	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	20:26	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		69.5		%	02/14/17	20:26	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-1@3'	Lab Sample ID:	1702124-002A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 10:45		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	10:40	ERR	422512
Chromium	SW6010B	1	0.075	5.00	49.0		mg/Kg	02/15/17	10:40	ERR	422512
Lead	SW6010B	1	0.10	1.30	5.08		mg/Kg	02/15/17	10:40	ERR	422512
Nickel	SW6010B	1	0.50	5.00	76.9		mg/Kg	02/15/17	10:40	ERR	422512
Zinc	SW6010B	1	0.30	5.00	40.6		mg/Kg	02/15/17	10:40	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	02/14/17	22:21	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	02/14/17	22:21	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			74.2		%	02/14/17	22:21	MK	422509

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	19:55	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:55	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:55	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	19:55	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	77.8		ug/Kg	02/14/17	19:55	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	19:55	MT	422513
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:55	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-1@3'	Lab Sample ID:	1702124-002A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 10:45		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	19:55	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	19:55	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:55	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:55	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	19:55	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:55	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:55	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-1@3'	Lab Sample ID:	1702124-002A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 10:45		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	19:55	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:55	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	19:55	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:55	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		90.8		%	02/14/17	19:55	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		100		%	02/14/17	19:55	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		92.2		%	02/14/17	19:55	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	19:55	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		87.4		%	02/14/17	19:55	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-2@0.5'	Lab Sample ID:	1702124-003A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:40		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	10:44	ERR	422512
Chromium	SW6010B	1	0.075	5.00	85.6		mg/Kg	02/15/17	10:44	ERR	422512
Lead	SW6010B	1	0.10	1.30	9.65		mg/Kg	02/15/17	10:44	ERR	422512
Nickel	SW6010B	1	0.50	5.00	143		mg/Kg	02/15/17	10:44	ERR	422512
Zinc	SW6010B	1	0.30	5.00	84.9		mg/Kg	02/15/17	10:44	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	5	4.3	10	10.4	x	mg/Kg	02/15/17	9:02	MK	422509
TPH as Motor Oil (SG)	SW8015B	5	16	50	313		mg/Kg	02/15/17	9:02	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		66.7		%	02/15/17	9:02	MK	422509

NOTE: x- Diesel result due to over-lapping of oil range organics within diesel quantified range

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	19:23	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:23	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:23	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	19:23	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	19:23	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-2@0.5'	Lab Sample ID:	1702124-003A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:40		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17 2:16:00PM
Prep Batch ID:	5034	Prep Analyst:	MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:23	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	19:23	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	19:23	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	19:23	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:23	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	19:23	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:23	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-2@0.5'	Lab Sample ID:	1702124-003A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:40		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	19:23	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	19:23	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	19:23	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	19:23	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	19:23	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		87.1		%	02/14/17	19:23	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		102		%	02/14/17	19:23	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		95.8		%	02/14/17	19:23	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	19:23	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		86.8		%	02/14/17	19:23	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-2@3'	Lab Sample ID:	1702124-004A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:50		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	10:48	ERR	422512
Chromium	SW6010B	1	0.075	5.00	49.4		mg/Kg	02/15/17	10:48	ERR	422512
Lead	SW6010B	1	0.10	1.30	3.96		mg/Kg	02/15/17	10:48	ERR	422512
Nickel	SW6010B	1	0.50	5.00	75.4		mg/Kg	02/15/17	10:48	ERR	422512
Zinc	SW6010B	1	0.30	5.00	41.5		mg/Kg	02/15/17	10:48	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	02/14/17	23:06	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	02/14/17	23:06	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			99.9		%	02/14/17	23:06	MK	422509

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	18:49	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	18:49	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	18:49	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	18:49	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	18:49	MT	422513
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	18:49	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-2@3'	Lab Sample ID:	1702124-004A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:50		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	18:49	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	18:49	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	18:49	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	18:49	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	18:49	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	18:49	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	18:49	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-2@3'	Lab Sample ID:	1702124-004A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:50		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	18:49	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	18:49	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	18:49	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	18:49	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		83.9		%	02/14/17	18:49	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		96.1		%	02/14/17	18:49	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		88.6		%	02/14/17	18:49	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	18:49	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		100		%	02/14/17	18:49	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-3@0.5'	Lab Sample ID:	1702124-005A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:20		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	10:51	ERR	422512
Chromium	SW6010B	1	0.075	5.00	80.9		mg/Kg	02/15/17	10:51	ERR	422512
Lead	SW6010B	1	0.10	1.30	13.7		mg/Kg	02/15/17	10:51	ERR	422512
Nickel	SW6010B	1	0.50	5.00	157		mg/Kg	02/15/17	10:51	ERR	422512
Zinc	SW6010B	1	0.30	5.00	266		mg/Kg	02/15/17	10:51	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	3	5.1	12	14.8	x	mg/Kg	02/15/17	10:10	MK	422509
TPH as Motor Oil (SG)	SW8015B	3	19	60	389		mg/Kg	02/15/17	10:10	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		67.1		%	02/15/17	10:10	MK	422509

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	20:58	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:58	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:58	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	20:58	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	20:58	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-3@0.5'	Lab Sample ID:	1702124-005A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:20		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:58	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	20:58	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	20:58	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	20:58	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:58	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	20:58	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:58	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-3@0.5'	Lab Sample ID:	1702124-005A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:20		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	20:58	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	20:58	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	20:58	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	20:58	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	20:58	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		98.2		%	02/14/17	20:58	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		104		%	02/14/17	20:58	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		107		%	02/14/17	20:58	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	20:58	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		53.0		%	02/14/17	20:58	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-3@3'	Lab Sample ID:	1702124-006A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:30		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:04	ERR	422512
Chromium	SW6010B	1	0.075	5.00	56.2		mg/Kg	02/15/17	11:04	ERR	422512
Lead	SW6010B	1	0.10	1.30	5.71		mg/Kg	02/15/17	11:04	ERR	422512
Nickel	SW6010B	1	0.50	5.00	80.5		mg/Kg	02/15/17	11:04	ERR	422512
Zinc	SW6010B	1	0.30	5.00	55.6		mg/Kg	02/15/17	11:04	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	5.19	x	mg/Kg	02/15/17	0:36	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	40.8		mg/Kg	02/15/17	0:36	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		101		%	02/15/17	0:36	MK	422509

NOTE: x- Diesel result due to over-lapping of oil range organics within diesel quantified range

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	21:29	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:29	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:29	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	21:29	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	21.6		ug/Kg	02/14/17	21:29	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:29	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-3@3'	Lab Sample ID:	1702124-006A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:30		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17 2:16:00PM
Prep Batch ID:	5034	Prep Analyst:	MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:29	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:29	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:29	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:29	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:29	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	21:29	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:29	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	W.O.-3@3'	Lab Sample ID:	1702124-006A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:30		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:29	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	21:29	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:29	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:29	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:29	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		94.0		%	02/14/17	21:29	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		97.6		%	02/14/17	21:29	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		95.5		%	02/14/17	21:29	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	739	x	ug/Kg	02/14/17	21:29	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		80.8		%	02/14/17	21:29	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-1@0.5'	Lab Sample ID:	1702124-007A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:00		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:08	ERR	422512
Chromium	SW6010B	1	0.075	5.00	70.7		mg/Kg	02/15/17	11:08	ERR	422512
Lead	SW6010B	1	0.10	1.30	17.5		mg/Kg	02/15/17	11:08	ERR	422512
Nickel	SW6010B	1	0.50	5.00	117		mg/Kg	02/15/17	11:08	ERR	422512
Zinc	SW6010B	1	0.30	5.00	106		mg/Kg	02/15/17	11:08	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	5	4.3	10	23.8	x	mg/Kg	02/15/17	12:08	MK	422509
TPH as Motor Oil (SG)	SW8015B	5	16	50	388		mg/Kg	02/15/17	12:08	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		63.0		%	02/15/17	12:08	MK	422509

NOTE: x- Diesel result due to over-lapping of oil range organics within diesel quantified range

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	21:20	BP	422514
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:20	BP	422514
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:20	BP	422514
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	21:20	BP	422514
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:20	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-1@0.5'	Lab Sample ID:	1702124-007A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:00		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17	10:44:00AM
Prep Batch ID:	5036	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:20	BP	422514
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:20	BP	422514
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:20	BP	422514
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:20	BP	422514
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:20	BP	422514
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	21:20	BP	422514
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:20	BP	422514
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-1@0.5'	Lab Sample ID:	1702124-007A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:00		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:20	BP	422514
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	21:20	BP	422514
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:20	BP	422514
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:20	BP	422514
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:20	BP	422514
(S) Dibromofluoromethane	SW8260B		59.8 - 148		93.5		%	02/14/17	21:20	BP	422514
(S) Toluene-d8	SW8260B		55.2 - 133		91.9		%	02/14/17	21:20	BP	422514
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		108		%	02/14/17	21:20	BP	422514

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5037	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	21:20	BP	422514
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		87.2		%	02/14/17	21:20	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-1@3'	Lab Sample ID:	1702124-008A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:05		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:12	ERR	422512
Chromium	SW6010B	1	0.075	5.00	45.7		mg/Kg	02/15/17	11:12	ERR	422512
Lead	SW6010B	1	0.10	1.30	4.35		mg/Kg	02/15/17	11:12	ERR	422512
Nickel	SW6010B	1	0.50	5.00	59.0		mg/Kg	02/15/17	11:12	ERR	422512
Zinc	SW6010B	1	0.30	5.00	36.5		mg/Kg	02/15/17	11:12	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	02/15/17	0:58	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	02/15/17	0:58	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			87.8		%	02/15/17	0:58	MK	422509

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	21:56	BP	422514
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:56	BP	422514
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:56	BP	422514
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	21:56	BP	422514
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	23.0		ug/Kg	02/14/17	21:56	BP	422514
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:56	BP	422514
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:56	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-1@3'	Lab Sample ID:	1702124-008A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:05		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17	10:44:00AM
Prep Batch ID:	5036	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:56	BP	422514
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	21:56	BP	422514
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	21:56	BP	422514
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:56	BP	422514
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	21:56	BP	422514
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:56	BP	422514
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	21:56	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-1@3'	Lab Sample ID:	1702124-008A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:05		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	21:56	BP	422514
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	21:56	BP	422514
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	21:56	BP	422514
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	21:56	BP	422514
(S) Dibromofluoromethane	SW8260B		59.8 - 148		94.5		%	02/14/17	21:56	BP	422514
(S) Toluene-d8	SW8260B		55.2 - 133		91.9		%	02/14/17	21:56	BP	422514
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		103		%	02/14/17	21:56	BP	422514

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5037	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	106	x	ug/Kg	02/14/17	21:56	BP	422514
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		87.3		%	02/14/17	21:56	BP	422514

NOTE: x - Does not match pattern of reference Gasoline standard. Reported value is the result of discrete peak (light end) of non-gasoline compounds within range of C5-C12 quantified as Gasoline.



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-2@0.5'	Lab Sample ID:	1702124-009A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:55		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:15	ERR	422512
Chromium	SW6010B	1	0.075	5.00	76.5		mg/Kg	02/15/17	11:15	ERR	422512
Lead	SW6010B	1	0.10	1.30	11.9		mg/Kg	02/15/17	11:15	ERR	422512
Nickel	SW6010B	1	0.50	5.00	116		mg/Kg	02/15/17	11:15	ERR	422512
Zinc	SW6010B	1	0.30	5.00	108		mg/Kg	02/15/17	11:15	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	20.00C	17	40	59.5	X	mg/Kg	02/15/17	11:46	MK	422509
TPH as Motor Oil (SG)	SW8015B	20.00C	64	200	1190		mg/Kg	02/15/17	11:46	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		0.000	D	%	02/15/17	11:46	MK	422509

NOTE: x- Diesel result due to over-lapping of oil range organics within diesel quantified range

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	22:31	BP	422514
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	22:31	BP	422514
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	22:31	BP	422514
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	22:31	BP	422514
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	22:31	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-2@0.5'	Lab Sample ID:	1702124-009A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:55		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	22:31	BP	422514
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	22:31	BP	422514
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	22:31	BP	422514
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	22:31	BP	422514
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	22:31	BP	422514
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	22:31	BP	422514
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	22:31	BP	422514
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-2@0.5'	Lab Sample ID:	1702124-009A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 11:55		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17	10:44:00AM
Prep Batch ID:	5036	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	22:31	BP	422514
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	22:31	BP	422514
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	22:31	BP	422514
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	22:31	BP	422514
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	22:31	BP	422514
(S) Dibromofluoromethane	SW8260B		59.8 - 148		98.6		%	02/14/17	22:31	BP	422514
(S) Toluene-d8	SW8260B		55.2 - 133		94.7		%	02/14/17	22:31	BP	422514
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		108		%	02/14/17	22:31	BP	422514

Prep Method:	5035GRO	Prep Batch Date/Time:	2/14/17	10:44:00AM
Prep Batch ID:	5037	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	22:31	BP	422514
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		71.4		%	02/14/17	22:31	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-2@3'	Lab Sample ID:	1702124-010A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:05		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:19	ERR	422512
Chromium	SW6010B	1	0.075	5.00	46.2		mg/Kg	02/15/17	11:19	ERR	422512
Lead	SW6010B	1	0.10	1.30	5.62		mg/Kg	02/15/17	11:19	ERR	422512
Nickel	SW6010B	1	0.50	5.00	55.2		mg/Kg	02/15/17	11:19	ERR	422512
Zinc	SW6010B	1	0.30	5.00	40.6		mg/Kg	02/15/17	11:19	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	02/15/17	9:25	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	02/15/17	9:25	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			74.1		%	02/15/17	9:25	MK	422509

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/14/17	23:07	BP	422514
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	23:07	BP	422514
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	23:07	BP	422514
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/14/17	23:07	BP	422514
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	13.3		ug/Kg	02/14/17	23:07	BP	422514
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	23:07	BP	422514
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	23:07	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-2@3'	Lab Sample ID:	1702124-010A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:05		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17	10:44:00AM
Prep Batch ID:	5036	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	23:07	BP	422514
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/14/17	23:07	BP	422514
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/14/17	23:07	BP	422514
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	23:07	BP	422514
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/14/17	23:07	BP	422514
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	23:07	BP	422514
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/14/17	23:07	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	C.S.-2@3'	Lab Sample ID:	1702124-010A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:05		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5036	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	23:07	BP	422514
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/14/17	23:07	BP	422514
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/14/17	23:07	BP	422514
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/14/17	23:07	BP	422514
(S) Dibromofluoromethane	SW8260B		59.8 - 148		98.6		%	02/14/17	23:07	BP	422514
(S) Toluene-d8	SW8260B		55.2 - 133		86.3		%	02/14/17	23:07	BP	422514
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		107		%	02/14/17	23:07	BP	422514

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 10:44:00AM
Prep Batch ID: 5037	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/14/17	23:07	BP	422514
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		91.4		%	02/14/17	23:07	BP	422514



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-1@0.5'	Lab Sample ID:	1702124-011A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:15		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:23	ERR	422512
Chromium	SW6010B	1	0.075	5.00	68.5		mg/Kg	02/15/17	11:23	ERR	422512
Lead	SW6010B	1	0.10	1.30	6.92		mg/Kg	02/15/17	11:23	ERR	422512
Nickel	SW6010B	1	0.50	5.00	105		mg/Kg	02/15/17	11:23	ERR	422512
Zinc	SW6010B	1	0.30	5.00	107		mg/Kg	02/15/17	11:23	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	5	4.3	10	180	x	mg/Kg	02/15/17	16:30	MK	422509
TPH as Motor Oil (SG)	SW8015B	5	16	50	208		mg/Kg	02/15/17	16:30	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		90.6		%	02/15/17	16:30	MK	422509

NOTE: x- Diesel result due to over-lapping of oil range organics within diesel quantified range

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/15/17	1:07	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:07	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:07	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/15/17	1:07	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	1:07	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-1@0.5'	Lab Sample ID:	1702124-011A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:15		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17	2:16:00PM
Prep Batch ID:	5034	Prep Analyst:	MTRAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:07	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	1:07	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	1:07	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:07	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:07	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/15/17	1:07	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:07	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-1@0.5'	Lab Sample ID:	1702124-011A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:15		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17	2:16:00PM
Prep Batch ID:	5034	Prep Analyst:	MTRAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:07	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	1:07	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:07	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	1:07	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:07	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		97.1		%	02/15/17	1:07	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		104		%	02/15/17	1:07	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		105		%	02/15/17	1:07	MT	422513

Prep Method:	5035GRO	Prep Batch Date/Time:	2/14/17	2:16:00PM
Prep Batch ID:	5035	Prep Analyst:	MTRAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/15/17	1:07	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		59.6		%	02/15/17	1:07	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-1@3'	Lab Sample ID:	1702124-012A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:20		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:27	ERR	422512
Chromium	SW6010B	1	0.075	5.00	61.5		mg/Kg	02/15/17	11:27	ERR	422512
Lead	SW6010B	1	0.10	1.30	8.04		mg/Kg	02/15/17	11:27	ERR	422512
Nickel	SW6010B	1	0.50	5.00	101		mg/Kg	02/15/17	11:27	ERR	422512
Zinc	SW6010B	1	0.30	5.00	55.7		mg/Kg	02/15/17	11:27	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	38.3	x	mg/Kg	02/15/17	13:07	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	16.3		mg/Kg	02/15/17	13:07	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		66.6		%	02/15/17	13:07	MK	422509

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/15/17	1:38	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:38	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:38	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/15/17	1:38	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	1:38	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-1@3'	Lab Sample ID:	1702124-012A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:20		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17 2:16:00PM
Prep Batch ID:	5034	Prep Analyst:	MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:38	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	1:38	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	1:38	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2-Dichloropropene	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	1:38	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:38	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/15/17	1:38	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:38	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-1@3'	Lab Sample ID:	1702124-012A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:20		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	1:38	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	1:38	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	1:38	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	1:38	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	1:38	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		97.6		%	02/15/17	1:38	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		98.6		%	02/15/17	1:38	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		106		%	02/15/17	1:38	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/15/17	1:38	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		64.7		%	02/15/17	1:38	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-2@0.5'	Lab Sample ID:	1702124-013A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:25		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:30	ERR	422512
Chromium	SW6010B	1	0.075	5.00	73.0		mg/Kg	02/15/17	11:30	ERR	422512
Lead	SW6010B	1	0.10	1.30	8.90		mg/Kg	02/15/17	11:30	ERR	422512
Nickel	SW6010B	1	0.50	5.00	122		mg/Kg	02/15/17	11:30	ERR	422512
Zinc	SW6010B	1	0.30	5.00	71.9		mg/Kg	02/15/17	11:30	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	5	4.3	10	ND		mg/Kg	02/15/17	16:52	MK	422509
TPH as Motor Oil (SG)	SW8015B	5	16	50	344		mg/Kg	02/15/17	16:52	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			75.9		%	02/15/17	16:52	MK	422509

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/15/17	2:10	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	2:10	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	2:10	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/15/17	2:10	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	2:10	MT	422513
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	2:10	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-2@0.5'	Lab Sample ID:	1702124-013A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:25		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	2:10	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	2:10	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	2:10	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	2:10	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/15/17	2:10	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	2:10	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	2:10	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-2@0.5'	Lab Sample ID:	1702124-013A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:25		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	2:10	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	2:10	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	2:10	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	2:10	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		98.0		%	02/15/17	2:10	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		102		%	02/15/17	2:10	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		104		%	02/15/17	2:10	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/15/17	2:10	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		63.4		%	02/15/17	2:10	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-2@3'	Lab Sample ID:	1702124-014A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:30		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:34	ERR	422512
Chromium	SW6010B	1	0.075	5.00	70.2		mg/Kg	02/15/17	11:34	ERR	422512
Lead	SW6010B	1	0.10	1.30	5.27		mg/Kg	02/15/17	11:34	ERR	422512
Nickel	SW6010B	1	0.50	5.00	107		mg/Kg	02/15/17	11:34	ERR	422512
Zinc	SW6010B	1	0.30	5.00	57.5		mg/Kg	02/15/17	11:34	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	5	4.3	10	10.9		mg/Kg	02/15/17	17:14	MK	422509
TPH as Motor Oil (SG)	SW8015B	5	16	50	284		mg/Kg	02/15/17	17:14	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			69.5		%	02/15/17	17:14	MK	422509

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/15/17	3:42	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	3:42	MT	422513
MTBE	SW8260B	1	2.3	10	11.1		ug/Kg	02/15/17	3:42	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/15/17	3:42	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	3:42	MT	422513
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	3:42	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-2@3'	Lab Sample ID:	1702124-014A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:30		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	2/14/17	2:16:00PM
Prep Batch ID:	5034	Prep Analyst:	MTRAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	3:42	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	3:42	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	3:42	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	3:42	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/15/17	3:42	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	3:42	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	3:42	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-2@3'	Lab Sample ID:	1702124-014A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:30		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	3:42	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	3:42	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	3:42	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	3:42	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		96.8		%	02/15/17	3:42	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		100.		%	02/15/17	3:42	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		99.6		%	02/15/17	3:42	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/15/17	3:42	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		68.9		%	02/15/17	3:42	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-3@0.5'	Lab Sample ID:	1702124-015A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:35		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:38	ERR	422512
Chromium	SW6010B	1	0.075	5.00	67.1		mg/Kg	02/15/17	11:38	ERR	422512
Lead	SW6010B	1	0.10	1.30	4.54		mg/Kg	02/15/17	11:38	ERR	422512
Nickel	SW6010B	1	0.50	5.00	113		mg/Kg	02/15/17	11:38	ERR	422512
Zinc	SW6010B	1	0.30	5.00	53.8		mg/Kg	02/15/17	11:38	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.24	x	mg/Kg	02/15/17	15:45	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	13.3		mg/Kg	02/15/17	15:45	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		63.8		%	02/15/17	15:45	MK	422509

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly heavier than diesel quantified as diesel.

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/15/17	4:13	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:13	MT	422513
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:13	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/15/17	4:13	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	4:13	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-3@0.5'	Lab Sample ID:	1702124-015A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:35		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:13	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	4:13	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	4:13	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:13	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:13	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/15/17	4:13	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:13	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-3@0.5'	Lab Sample ID:	1702124-015A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:35		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:13	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	4:13	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:13	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	4:13	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:13	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		97.9		%	02/15/17	4:13	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		98.1		%	02/15/17	4:13	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		108		%	02/15/17	4:13	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/15/17	4:13	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		68.7		%	02/15/17	4:13	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-3@3'	Lab Sample ID:	1702124-016A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:45		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 2/14/17 8:10:00PM
Prep Batch ID: 5026	Prep Analyst: PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	02/15/17	11:51	ERR	422512
Chromium	SW6010B	1	0.075	5.00	51.8		mg/Kg	02/15/17	11:51	ERR	422512
Lead	SW6010B	1	0.10	1.30	3.10		mg/Kg	02/15/17	11:51	ERR	422512
Nickel	SW6010B	1	0.50	5.00	72.0		mg/Kg	02/15/17	11:51	ERR	422512
Zinc	SW6010B	1	0.30	5.00	40.6		mg/Kg	02/15/17	11:51	ERR	422512

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 2/14/17 6:49:00PM
Prep Batch ID: 5024	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	02/15/17	16:07	MK	422509
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	02/15/17	16:07	MK	422509
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		153	S	%	02/15/17	16:07	MK	422509

NOTE: S-Outside of control limits (high bias) but sample is Not Detect. No corrective action required.

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	02/15/17	4:44	MT	422513
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:44	MT	422513
MTBE	SW8260B	1	2.3	10	57.2		ug/Kg	02/15/17	4:44	MT	422513
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	02/15/17	4:44	MT	422513
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	4:44	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-3@3'	Lab Sample ID:	1702124-016A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:45		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:44	MT	422513
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	4:44	MT	422513
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	02/15/17	4:44	MT	422513
TAME	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	02/15/17	4:44	MT	422513
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:44	MT	422513
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	02/15/17	4:44	MT	422513
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:44	MT	422513
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513



SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 02/14/17, 5:45 pm
Date Reported: 02/15/17

Client Sample ID:	AST-3@3'	Lab Sample ID:	1702124-016A
Project Name/Location:	5725 Liberty Island Road	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	02/14/17 / 12:45		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5034	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	02/15/17	4:44	MT	422513
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	4:44	MT	422513
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	02/15/17	4:44	MT	422513
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	02/15/17	4:44	MT	422513
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	02/15/17	4:44	MT	422513
(S) Dibromofluoromethane	SW8260B		59.8 - 148		103		%	02/15/17	4:44	MT	422513
(S) Toluene-d8	SW8260B		55.2 - 133		98.3		%	02/15/17	4:44	MT	422513
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		103		%	02/15/17	4:44	MT	422513

Prep Method: 5035GRO	Prep Batch Date/Time: 2/14/17 2:16:00PM
Prep Batch ID: 5035	Prep Analyst: MTRAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	02/15/17	4:44	MT	422513
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		79.3		%	02/15/17	4:44	MT	422513



MB Summary Report

Work Order:	1702124	Prep Method:	3546_TPHSG	Prep Date:	02/14/17	Prep Batch:	5024
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	2/14/2017	Analytical Batch:	422509
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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TPH as Diesel (SG) 0.85 2.0 ND
TPH as Motor Oil (SG) 3.2 10 ND
Pentacosane (S) 71.9

Work Order:	1702124	Prep Method:	3050B	Prep Date:	02/14/17	Prep Batch:	5026
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	2/15/2017	Analytical Batch:	422512
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Cadmium 0.10 5.00 ND
Chromium 0.075 5.00 0.090
Lead 0.10 1.30 ND
Nickel 0.50 5.00 ND
Zinc 0.30 5.00 ND



MB Summary Report

Work Order:	1702124	Prep Method:	5035	Prep Date:	02/14/17	Prep Batch:	5034
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422513
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
tert-Butanol	12	50	ND		
Diisopropyl ether (DIPE)	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
ETBE	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethyl Benzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		
o-Xylene	1.7	10	ND		



MB Summary Report

Work Order:	1702124	Prep Method:	5035	Prep Date:	02/14/17	Prep Batch:	5034
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422513
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Styrene 1.6 10 ND
Bromoform 1.7 10 ND
Isopropyl Benzene 1.6 10 ND
n-Propylbenzene 1.6 10 ND
Bromobenzene 1.8 10 ND
1,1,2,2-Tetrachloroethane 1.9 10 ND
2-Chlorotoluene 1.8 10 ND
1,3,5-Trimethylbenzene 1.6 10 ND
1,2,3-Trichloropropane 1.9 10 ND
4-Chlorotoluene 1.6 10 ND
tert-Butylbenzene 1.6 10 ND
1,2,4-Trimethylbenzene 1.4 10 ND
sec-Butyl Benzene 1.6 10 ND
p-Isopropyltoluene 1.5 10 ND
1,3-Dichlorobenzene 1.7 10 ND
1,4-Dichlorobenzene 1.7 10 ND
n-Butylbenzene 1.5 10 ND
1,2-Dichlorobenzene 1.8 10 ND
1,2-Dibromo-3-Chloropropane 1.8 10 ND
Hexachlorobutadiene 1.4 10 ND
1,2,4-Trichlorobenzene 1.5 10 ND
Naphthalene 1.7 10 ND
1,2,3-Trichlorobenzene 1.7 10 ND
(S) Dibromofluoromethane 93.3
(S) Toluene-d8 99.1
(S) 4-Bromofluorobenzene 96.9

Work Order:	1702124	Prep Method:	5035GRO	Prep Date:	02/14/17	Prep Batch:	5035
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422513
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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TPH(Gasoline) 43 100 ND
(S) 4-Bromofluorobenzene 101



MB Summary Report

Work Order:	1702124	Prep Method:	5035	Prep Date:	02/14/17	Prep Batch:	5036
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422514
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		

Chloromethane	1.8	10	ND
Vinyl Chloride	2.0	10	ND
Bromomethane	2.7	10	ND
Chloroethane	3.0	10	ND
Trichlorofluoromethane	2.1	10	ND
1,1-Dichloroethene	2.0	10	ND
Freon 113	1.9	10	ND
Methylene Chloride	7.1	10	ND
trans-1,2-Dichloroethene	2.1	10	ND
MTBE	2.3	10	ND
tert-Butanol	12	50	ND
Diisopropyl ether (DIPE)	2.3	10	ND
1,1-Dichloroethane	2.2	10	ND
ETBE	2.3	10	ND
cis-1,2-Dichloroethene	2.2	10	ND
2,2-Dichloropropane	1.9	10	ND
Bromochloromethane	2.3	10	ND
Chloroform	2.4	10	ND
Carbon Tetrachloride	2.1	10	ND
1,1,1-Trichloroethane	2.1	10	ND
1,1-Dichloropropene	2.0	10	ND
Benzene	2.2	10	ND
TAME	2.3	10	ND
1,2-Dichloroethane	2.3	10	ND
Trichloroethylene	1.8	10	ND
Dibromomethane	1.8	10	ND
1,2-Dichloropropane	1.9	10	ND
Bromodichloromethane	2.0	10	ND
cis-1,3-Dichloropropene	1.6	10	ND
Toluene	1.8	10	ND
Tetrachloroethylene	1.7	10	ND
trans-1,3-Dichloropropene	1.6	10	ND
1,1,2-Trichloroethane	1.8	10	ND
Dibromochloromethane	1.9	10	ND
1,3-Dichloropropane	1.8	10	ND
1,2-Dibromoethane	1.8	10	ND
Chlorobenzene	1.8	10	ND
Ethyl Benzene	1.7	10	ND
1,1,1,2-Tetrachloroethane	1.9	10	ND
m,p-Xylene	3.2	10	ND
o-Xylene	1.7	10	ND



MB Summary Report

Work Order:	1702124	Prep Method:	5035	Prep Date:	02/14/17	Prep Batch:	5036
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422514
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Styrene	1.6	10	1.7	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	1.6	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	2.0	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	1.9	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	2.1	
Hexachlorobutadiene	1.4	10	2.8	
1,2,4-Trichlorobenzene	1.5	10	3.0	
Naphthalene	1.7	10	3.9	
1,2,3-Trichlorobenzene	1.7	10	4.1	
(S) Dibromofluoromethane			93.5	
(S) Toluene-d8			95.8	
(S) 4-Bromofluorobenzene			111	

Work Order:	1702124	Prep Method:	5035GRO	Prep Date:	02/14/17	Prep Batch:	5037
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422514
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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TPH(Gasoline)	43	100	82	
(S) 4-Bromofluorobenzene			84.7	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1702124	Prep Method:	3546_TPHSG	Prep Date:	02/14/17	Prep Batch:	5024
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	2/14/2017	Analytical Batch:	422509
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	ND	25.0	63.1	59.0	7.21	52 - 115	30	
TPH as Motor Oil (SG)			ND	200				59 - 129		

Work Order:	1702124	Prep Method:	3050B	Prep Date:	02/14/17	Prep Batch:	5026
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	2/15/2017	Analytical Batch:	422512
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Cadmium	0.10	5.00	ND	50	95.5	103	7.65	80 - 120	30	
Chromium	0.075	5.00	0.090	50	98.6	107	8.17	80 - 120	30	
Lead	0.10	3.00	ND	50	95.7	105	8.99	80 - 120	30	
Nickel	0.50	5.00	ND	50	98.8	105	5.70	80 - 120	30	
Zinc	0.30	5.00	ND	50	94.1	101	6.77	80 - 120	30	

Work Order:	1702124	Prep Method:	5035	Prep Date:	02/14/17	Prep Batch:	5034
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422513
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	107	103	4.39	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	116	112	3.33	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	109	106	2.97	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	111	109	2.55	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	108	107	0.927	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	104	102		59.8 - 148		
(S) Toluene-d8				50.0	109	109		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	101	101		55.8 - 141		

Work Order:	1702124	Prep Method:	5035GRO	Prep Date:	02/14/17	Prep Batch:	5035
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/15/2017	Analytical Batch:	422513
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	105	105	0.000	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	108	105		43.9 - 127		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1702124	Prep Method:	5035	Prep Date:	02/14/17	Prep Batch:	5036
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422514
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	108	109	0.737	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	110	114	3.93	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	109	116	6.75	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	116	109	6.23	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	111	111	0.180	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	111	112		59.8 - 148		
(S) Toluene-d8				50.0	117	109		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	120	115		55.8 - 141		

Work Order:	1702124	Prep Method:	5035GRO	Prep Date:	02/14/17	Prep Batch:	5037
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	2/14/2017	Analytical Batch:	422514
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	82	1000	109	94.8	13.9	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	80.2	83.3		43.9 - 127		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1702124	Prep Method:	3050B	Prep Date:	02/14/17	Prep Batch:	5026
Matrix:	Soil	Analytical Method:		Analyzed Date:		Analytical Batch:	422512
Spiked Sample:	1702124-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Cadmium	0.10	5.00	ND	50	87.6	106	6.81	80.0 - 110	30	
Chromium	0.075	5.00	64.9	50	105	99.5	8.06	76.0 - 116	30	
Lead	0.10	3.00	17.9	50	89.0	83.9	4.09	57.9 - 118	30	
Nickel	0.50	5.00	98.3	50	100	91.2	9.47	61.5 - 122	30	
Zinc	0.30	5.00	192	50	0	-79.7	10.0	59.9 - 122	30	S



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather than quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: Engeo (San Ramon)

Date and Time Received: 2/14/2017 5:45:00PM

Project Name: 5725 Liberty Island Road

Received By: Katherene Evans

Work Order No.: 1702124

Physically Logged By: Katherene Evans

Checklist Completed By:

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/coolier?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>
Container/Temp Blank temperature in compliance?	<u>Yes</u> Temperature: 3.0 °C
Water-VOA vials have zero headspace?	<u>No VOA vials submitted</u>
Water-pH acceptable upon receipt?	<u>N/A</u>
pH Checked by: na	pH Adjusted by: na

Comments:



Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)	QC Level:	II
Project Name:	5725 Liberty Island Road		TAT Requested:	1 Day Rush:1
Project # :			Date Received:	2/14/2017
Report Due Date:	2/15/2017		Time Received:	5:45 pm
Comments:				
Work Order # :	1702124			
WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal
1702124-001A	W.O.-1@0.5'	02/14/17 9:40	Soil	08/13/17
				TPHDOSG_S_8015B Met_S_6010B CAM17 VOC_S_GRO VOC_S_8260B
1702124-002A	W.O.-1@3'	02/14/17 10:45	Soil	08/13/17
				TPHDOSG_S_8015B Met_S_6010B CAM17 VOC_S_GRO VOC_S_8260B
1702124-003A	W.O.-2@0.5'	02/14/17 11:40	Soil	08/13/17
				TPHDOSG_S_8015B Met_S_6010B CAM17 VOC_S_GRO VOC_S_8260B
1702124-004A	W.O.-2@3'	02/14/17 11:50	Soil	08/13/17
				TPHDOSG_S_8015B Met_S_6010B CAM17 VOC_S_GRO VOC_S_8260B
1702124-005A	W.O.-3@0.5'	02/14/17 11:20	Soil	08/13/17
				VOC_S_8260B TPHDOSG_S_8015B Met_S_6010B CAM17 VOC_S_GRO
1702124-006A	W.O.-3@3'	02/14/17 11:30	Soil	08/13/17
				VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO
1702124-007A	C.S.-1@0.5'	02/14/17 11:00	Soil	08/13/17
				VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO
1702124-008A	C.S.-1@3'	02/14/17 11:05	Soil	08/13/17
				VOC_S_8260B Met_S_6010B CAM17



Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)		QC Level:	II		
Project Name:	5725 Liberty Island Road		TAT Requested:	1 Day Rush:1			
Project # :			Date Received:	2/14/2017			
Report Due Date:	2/15/2017		Time Received:	5:45 pm			
Comments:							
Work Order # :	1702124						
<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>		
					<u>Test On Hold</u>		
				<u>Requested Tests</u>	<u>Subbed</u>		
1702124-009A	C.S.-2@0.5'	02/14/17 11:55	Soil	08/13/17		TPHDOSG_S_8015B VOC_S_GRO	
1702124-010A	C.S.-2@3'	02/14/17 12:05	Soil	08/13/17		VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO	
1702124-011A	AST-1@0.5'	02/14/17 12:15	Soil	08/13/17		VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO	
1702124-012A	AST-1@3'	02/14/17 12:20	Soil	08/13/17		VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO	
1702124-013A	AST-2@0.5'	02/14/17 12:25	Soil	08/13/17		VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO	
1702124-014A	AST-2@3'	02/14/17 12:30	Soil	08/13/17		VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO	
1702124-015A	AST-3@0.5'	02/14/17 12:35	Soil	08/13/17		VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO	
1702124-016A	AST-3@3'	02/14/17 12:45	Soil	08/13/17		VOC_S_8260B Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO	



Login Summary Report

Client ID: TL5123 **Engeo (San Ramon)** **QC Level:** II
Project Name: 5725 Liberty Island Road **TAT Requested:** 1 Day Rush:1
Project # : **Date Received:** 2/14/2017
Report Due Date: 2/15/2017 **Time Received:** 5:45 pm

Comments:
Work Order # : 1702124

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
							VOC_S_8260B	
							VOC_S_GRO	
							TPHDOSG_S_8015B	
							Met_S_6010B CAM17	



CHAIN C **RD**

1702124

PROJECT NUMBER P2017.000.194	PROJECT NAME 5725 Liberty Island Road															
SAMPLED BY: (SIGNATURE/PRINT) Robert Peck																
PROJECT MANAGER: (SIGNATURE/PRINT) Divya Bhargava																
ROUTING: E-MAIL rpeck@engeo.com dbhargava@engeo.com							HARD COPY									
SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	LUFITS Metals (6010)	TPH-g & VOCs (8260)	TPH-d/mo (8045m w/ Silica gel)						REMARKS REQUIRED DETECTION LIMITS	
W.O.-1 @ 0.5'	2/14/2017	9:40	Soil	1	2"x6" SS Liner	Ice	X	X	X							001A
W.O.-1 @ 3'	2/14/2017	10:45	Soil	1	2"x6" SS Liner	Ice	X	X	X							002A
W.O.-2 @ 0.5'	2/14/2017	11:40	Soil	1	2"x6" SS Liner	Ice	X	X	X							003A
W.O.-2 @ 3'	2/14/2017	11:50	Soil	1	2"x6" SS Liner	Ice	X	X	X							004A
W.O.-3 @ 0.5'	2/14/2017	11:20	Soil	1	2"x6" SS Liner	Ice	X	X	X							005A
W.O.-3 @ 3'	2/14/2017	11:30	Soil	1	2"x6" SS Liner	Ice	X	X	X							006A
C.S.-1 @ 0.5'	2/14/2017	11:00	Soil	1	2"x6" SS Liner	Ice	X	X	X							007A
C.S.-1 @ 3'	2/14/2017	11:05	Soil	1	2"x6" SS Liner	Ice	X	X	X							008A
C.S.-2 @ 0.5'	2/14/2017	11:55	Soil	1	2"x6" SS Liner	Ice	X	X	X							009A
C.S.-2 @ 3'	2/14/2017	12:05	Soil	1	2"x6" SS Liner	Ice	X	X	X							010A
AST-1 @ 0.5'	2/14/2017	12:15	Soil	1	2"x6" SS Liner	Ice	X	X	X							011A
AST-1 @ 3'	2/14/2017	12:20	Soil	1	2"x6" SS Liner	Ice	X	X	X							012A
AST-2 @ 0.5'	2/14/2017	12:25	Soil	1	2"x6" SS Liner	Ice	X	X	X							013A
AST-2 @ 3'	2/14/2017	12:30	Soil	1	2"x6" SS Liner	Ice	X	X	X							014A
AST-3 @ 0.5'	2/14/2017	12:35	Soil	1	2"x6" SS Liner	Ice	X	X	X							015A
AST-3 @ 3'	2/14/2017	12:45	Soil	1	2"x6" SS Liner	Ice	X	X	X							016A
RELINQUISHED BY: (SIGNATURE)				DATE/TIME	RECEIVED BY: (SIGNATURE)			RELINQUISHED BY: (SIGNATURE)			DATE/TIME	RECEIVED BY: (SIGNATURE)				
				2/14/17 16:00												
RELINQUISHED BY: (SIGNATURE)				DATE/TIME	RECEIVED BY: (SIGNATURE)			RELINQUISHED BY: (SIGNATURE)			DATE/TIME	RECEIVED BY: (SIGNATURE)				
				2/14/17 17:45	Kamy Evos											
RELINQUISHED BY: (SIGNATURE)				DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)			DATE/TIME	REMARKS							
									24 hr TAT							

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