

Project No.  
**14121.000.000**

May 14, 2018

Mr. Clyde Wright  
Google Incorporated  
1600 Amphitheatre Parkway  
Mountain View, CA 94043

Subject: Diridon Station – Project Spartan  
Lot D, APN 259-38-130  
San Jose, California

## PHASE II ENVIRONMENTAL SITE ASSESSMENT

Reference: ENGE, Diridon Station – Project Spartan, Geotechnical and Environmental Preliminary Field Exploration Work Plan, Lot D, APN 259-38-130, April 5, 2018.

Dear Mr. Wright:

We are pleased to submit the findings of our phase II environmental site assessment (ESA) undertaken at the subject property (Property) in San Jose, California. The purpose of this phase II ESA was to assess the potential impacts to soil and groundwater as a result of the historic use of the Property and to characterize soils for handling during site development.

## BACKGROUND

The Property (San Jose Arena Block 5A) is listed on the State Water Resources Control Board's GeoTracker website as a closed leaking underground storage tank (LUST) site with land use restrictions.

The Property (Figure 1) was previously occupied by manufacturing and automotive repair operations, retail or office space, and warehouse storage locations. All buildings on the Property were demolished, and three underground storage tanks (USTs) were removed in 1993. Impacted soil was excavated and removed, and a soil vapor extraction (SVE)/air sparging program was also used at the Property. Subsequent groundwater monitoring showed that the remaining contaminant plume was stable, and natural attenuation was expected to reduce impacts.

A long-term residual contamination risk management plan was prepared for monitoring and maintenance of the asphalt cap at the Property, and deed restrictions were recorded limiting and restricting site activities for the several parcels comprising the Block 5A parking lot.

It was previously opined that residual petroleum hydrocarbon and volatile organic compound (VOC) impacts existed in soil and groundwater that could pose an unacceptable risk during certain site development activities, such as site grading and excavations. A notice of restriction of use was recorded on August 1, 2001. On February 13, 2009, the Santa Clara County Department of Environmental Health (SCCDEH) issued a Fuel Leak Site Case Closure letter, documenting previous investigation history and citing the following contaminants and concentrations left in place.

Soil:

- Total petroleum hydrocarbons as gasoline (TPH-g): 800 milligrams per kilogram (mg/kg)
- TPH-diesel (TPH-d): 60 mg/kg
- Benzene: 5.4 mg/kg
- Toluene: 18 mg/kg
- Xylenes: 34 mg/kg
- Ethylbenzene: 6.7 mg/kg

Groundwater:

- TPH-g: 68,000 micrograms per liter ( $\mu\text{g/l}$ )
- TPH-d: 5,800  $\mu\text{g/l}$
- Benzene: 15,000  $\mu\text{g/l}$
- Toluene: 9,000  $\mu\text{g/l}$
- 1,2-DCA: 57  $\mu\text{g/l}$
- Xylene: 10,000  $\mu\text{g/l}$
- Ethylbenzene: 2,100  $\mu\text{g/l}$
- MTBE: 1,200  $\mu\text{g/l}$

A workplan was prepared (Reference) to conduct soil and groundwater sampling at the Property. SCCDEH approved the workplan in a letter dated April 8, 2018.

## SCOPE OF ENGEO FIELD EXPLORATION

Field sampling activities associated with the phase II ESA were conducted on April 11, 2018. A Geoprobe® direct-push rig was utilized to borings for the purpose of soil and groundwater sampling. Details pertaining to each of these tasks are presented below.

### Task 1: Soil Characterization

A soil sampling study was conducted to confirm the lateral extent of the impacted soil, and to characterize soil for off-haul, disposal, and/or reuse.

Five borings were advanced to respective depths of 10 feet (D-1S, D-2S, D-3S), 24 feet (D-1GWS) and 20 feet (D-2GWS) below ground surface (bgs) (Figure 2). Soil samples were generally collected from depths of 1, 5, 10, 15, and 20 feet bgs from the borings. All soil samples collected were sealed and labeled with a sample identification, sample location, date and time of collection, and sampler's identification. The samples were then placed in an ice-cooled chest, and submitted under documented chain-of-custody to Torrent Laboratory, Inc., a State-certified laboratory in Milpitas, California.

Soil samples were analyzed on a discrete basis for the following:

- VOCs and TPH-g(EPA Method 8260)
- TPH-d and TPH-mo (EPA Method 8015M with silica gel cleanup)
- Polycyclic aromatic hydrocarbons (PAHs) (EPA Method 8270C SIM)
- CAM-17 metals (EPA Method 6010/7471A)
- Polychlorinated biphenyls (PCBs) (EPA Method 8082)

Based on soil analytical results for metal analyses, a Solubility Threshold Limit Concentration (STLC) analysis was performed for the following samples and metals:

- D-1S@1': chromium, lead
- D-1S@5': arsenic, chromium,
- D-2S1.5': lead
- D-3S@1': lead
- D-3S@10': chromium
- D-1GWS@5': chromium, lead
- D-1GWS@10': chromium
- D-2GWS@5': chromium, copper, lead

Additionally, one composite soil sample was collected from a drum of soil cuttings generated during drilling. The results were provided to a licensed waste hauler for profiling and disposal.

## Task 2: Grab Groundwater Assessment

Two grab groundwater samples were recovered from Borings D-1GWS and D-2GWS (Figure 2). The Geoprobe direct-push borings were advanced until groundwater was encountered, at approximately 18.5 feet bgs in D-1GWS and 16 feet bgs in D-2GWS. A temporary PVC casing was used in the borehole to facilitate sample collection. Following collection, the casing was removed, and the borehole backfilled with neat cement grout.

Upon collection, the groundwater sample was placed into laboratory-provided sample containers. Each container was labeled with a sample identification, sample location, date and time of collection, and sampler's identification. The groundwater samples were then placed in an ice-cooled chest and submitted under documented chain-of-custody to Torrent Laboratory, Inc., a State-certified laboratory based in Milpitas, California.

The groundwater samples were analyzed for the following:

- VOCs and TPH-g (EPA Method 8260)
- TPH-d and TPH-mo (EPA Method 8015M with silica gel cleanup)

Additionally the sample from D-2GWS was analyzed for the following:

- PAHs (EPA Method 8270C SIM)
- CAM-17 metals (EPA Method 6010/7471A)
- PCBs (EPA Method 8082)

## RESULTS

### Soil Boring Observations

Soils encountered during drilling generally consisted of silts and clays to a depth of approximately 12 feet bgs in D-1GWS and 16 feet bgs in D-2GWS. Dry sands were encountered from 12 to 17 feet bgs in D-1GWS, underlain by 1.5 feet of moist sandy silt, wet sand from 18.5 feet bgs to 21.5 feet bgs, where clay was encountered to the bottom of the boring. In D-2GWS, groundwater was encountered in sandy and gravelly soils at 16 feet bgs to the total depth of 20 feet bgs. Soil boring logs are provided as Appendix A.

## Soil Samples

Review of the laboratory analytical results found detectable concentrations of PAHs, petroleum hydrocarbons and metals. No VOCs or PCBs were detected above laboratory reporting limits (LRLs). All detected analytes were compared against their respective California Department of Toxic Substances Control (DTSC) modified Screening Levels (DTSC SLs) for residential and commercial land use. Where DTSC SLs were not available, United States Environmental Protection Agency Regional Screening Levels (RSLs) were used, and San Francisco Regional Water Quality Control Board (Regional Board) Environmental Screening Levels (ESLs) revised February 2016 (3rd Revision) were used for TPH compounds. A summary of detected analytes in soil samples is provided on Tables A and B. Complete laboratory analytical reports are provided in Appendix B.

Of the detected SVOCs, three soil samples exhibited benzo(a)pyrene concentrations above the residential RSL of 0.11 mg/kg, including D-2S@1.5' (0.12 mg/kg), D-3S@1' (0.11 mg/kg) and D-2GWS@3.5' (0.16 mg/kg).

No TPH detections exceeded respective screening levels.

Detections of arsenic in nine samples exceeded the commercial DTSC SL of 0.066 mg/kg. In general, these samples were within expected background concentrations for the San Francisco Bay Area; although Sample D-1S@5' exhibited an arsenic concentration of 55 mg/kg.

Lead concentrations were reported above the residential DTSC SL of 80 mg/kg but below the commercial DTSC SL of 320 mg/kg in four samples: D-2S@1.5' (138 mg/kg), D-2GWS@5' (244 mg/kg), D-1S@1' (254 mg/kg) and D-1GWS@5' (303 mg/kg).

Several total concentrations of arsenic, chromium, copper and lead exceeded the threshold concentration for consideration of a STLC analysis, as shown in Table A. Subsequent analysis was performed using the Waste Extraction Test (WET) to determine if the concentrations were above the STLC. Soluble concentrations for lead in Samples D-1S@1', D-2S@1.5 and D-3S@1' exceeded the STLC threshold of 5 milligrams per liter (mg/L), indicating that the material at these locations would need to be handled, transported, and/or disposed of as California Class I waste. The Federal USEPA Toxicity Characteristic Leaching Procedure (TCLP) test was conducted on the three samples that exceeded the STLC for lead. TCLP concentrations for lead were non-detect for all three samples, indicating that the soil at these locations would not be classified as RCRA Class I waste.

## Groundwater Samples

Groundwater analytical results were compared to Regional Board Maximum Contaminant Level (MCL) Priority ESLs (Table GW-1), 3rd Revision.

A summary of detected analyte concentrations are presented in Table C. Complete laboratory analytical reports are presented in Appendix B.

No analytes were reported above LRLs in Sample D-1GWS.

PCBs were not detected above LRLs in D-2GWS.

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Sample D-2GWS exhibited detectable concentrations of ethylbenzene, xylenes, naphthalene, 2-methylnaphthalene above their respective ESLs. All metal detections were below their respective ESLs. TPH-g was reported above its respective ESL of 220 ug/L at a concentration of 3,580 ug/L.

## DISCUSSION AND CONCLUSION

Concentrations of several PAHs and TPH were reported above LRLs in several soil samples, and were most prevalent in the area of D-1S where concentrations were reported to the total depth of 10 feet bgs. In general, PAHs appear to be limited to the upper 5 feet of soils, with sporadic detections below 10 feet. Benzo(a)pyrene is the only PAH reported above the DTSC SL for residential land use. No PAH or VOC results exceeded the commercial SLs.

Metals concentrations were reported above DTSC SLs in all borings at depths varying between 1 and 10 feet bgs. Soluble concentrations for lead in samples D-1S@1', D-2S@1.5 and D-3S@1' exceeded the STLC threshold of 5 mg/L, indicating that the material at these locations would need to be handled, transported, and/or disposed of as California Class I waste.

Groundwater Sample D-2GWS exhibited detectable concentrations of ethylbenzene, xylenes, naphthalene, 2-methylnaphthalene, and TPH-g above their respective ESLs. Consideration should be given to management of groundwater during construction activities (i.e., dewatering, treatment, and disposal).

If you have any questions regarding this report, please contact us.

Sincerely,

ENGEO Incorporated



Nadine Periat, PG  
np/sm/jf



Shawn Munger, CHG

Attachments: List of References  
Figures 1 to 2  
Tables A and B  
Appendix A – Soil Boring Logs  
Appendix B – Laboratory Analytical Reports

## REFERENCES

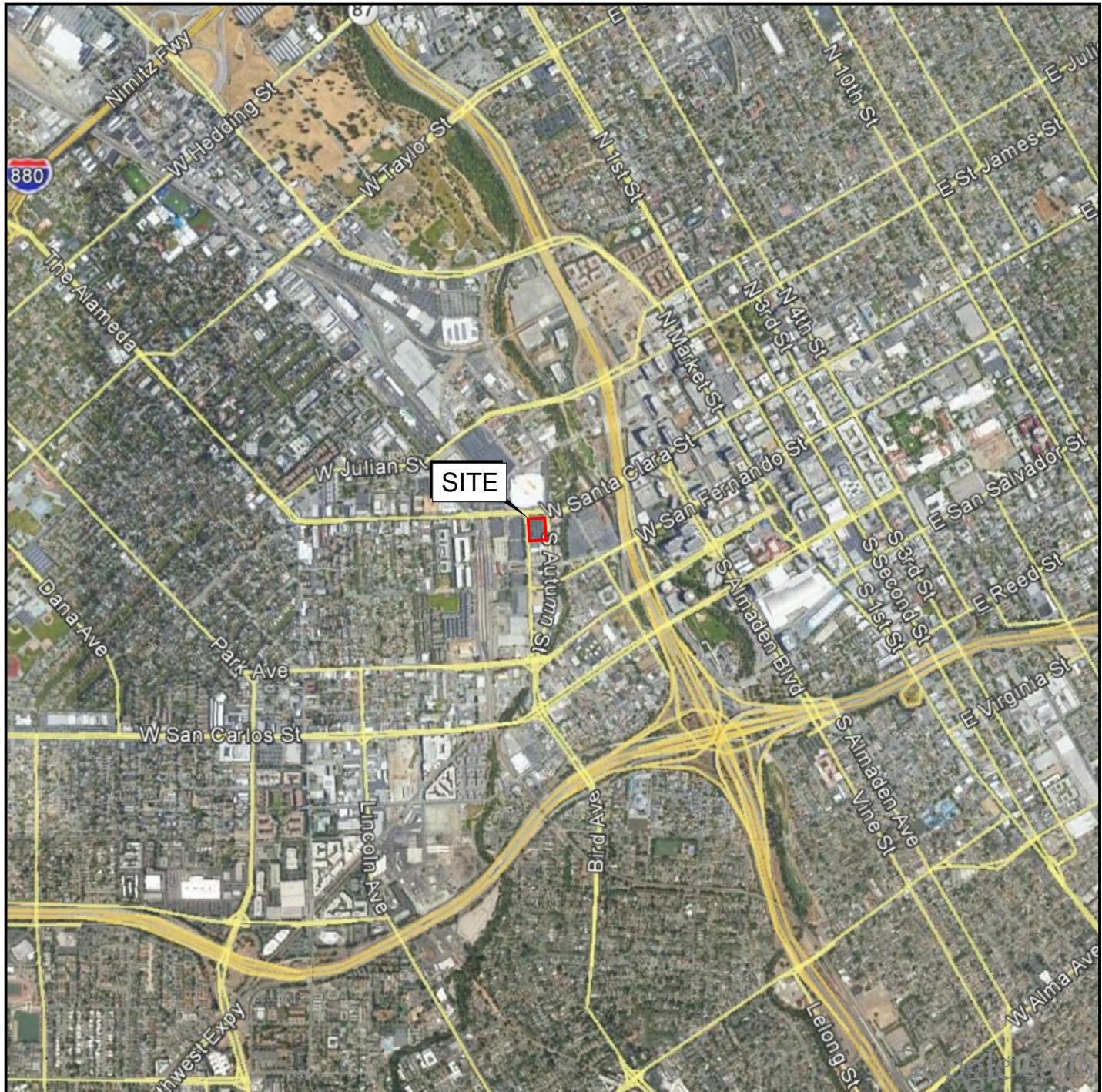
SCCDEH, San Jose Arena Block 5A, 522 Santa Clara St. San Jose, CA, Case No. 07S1E07Q12f, April 8, 2018.

ENGEO, Diridon Station – Project Spartan, Geotechnical and Environmental Preliminary Field Exploration Work Plan, Lot D, APN 259-38-130, April 5, 2018.

SCCDEH, Fuel Leak Site Case Closure San Jose Arena Blcok 5A, 522 West Santa Clara Street, San Jose, CA; Case No. 14-087, SCVWDID No. 07S1E07Q12f, February 13, 2009.

## FIGURES

**FIGURE 1 – Vicinity Map**  
**FIGURE 2 – Site Plan**



0 FEET 2000  
0 METERS 1000

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

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VICINITY MAP - LOT D  
8 SOUTH MONTGOMERY STREET  
SAN JOSE, CALIFORNIA

PROJECT NO.: 14121.000.000

SCALE: AS SHOWN

DRAWN BY: GLJ CHECKED BY: DB

FIGURE NO.

1



0 FEET  
0 METERS

### EXPLANATION

ALL LOCATIONS ARE APPROXIMATE

LOT D-3S GEOPROBE SOIL SAMPLE

LOT D-2GWS GEOPROBE SOIL AND GROUNDWATER SAMPLE

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

**ENGEO**  
Expect Excellence

SITE PLAN - LOT D  
8 SOUTH MONTGOMERY STREET  
SAN JOSE, CALIFORNIA

PROJECT NO.: 14121.000.000

FIGURE NO.

SCALE: AS SHOWN

2

DRAWN BY: GLJ

CHECKED BY: DB

## TABLES

**TABLE A – Summary of Soil Analytical Results**  
**TABLE B – Summary of Groundwater Analytical Results**

Table A - Summary of Soil Analytical Results - SVOCs

Sample ID	Date	Sample Depth	PAHs - EPA Test Method 8270C																	PCBs EPA 8082A		
			Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-cd]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Other SVOCs	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
DTSC SL or USEPA RSL for Residential use <sup>1,3</sup>			3.83E+00	2.40E+02	1.80E+01	--	3.60E+03	2.40E+03	-	1.80E+04	2.40E+03	1.80E+03	1.10E+00	1.10E+02	1.10E+00	1.10E+02	1.10E-01	1.10E+00	1.10E-01	--	--	--
DTSC SL or USEPA RSL for Commercial use <sup>2,4</sup>			1.73E+02	3.00E+03	7.30E+01	--	4.50E+04	3.00E+04	-	2.30E+05	3.00E+04	2.30E+04	2.10E+01	2.10E+03	2.10E+01	2.10E+02	2.10E+00	2.10E+01	2.10E+00	--	--	--
D-1S @ 1'	4/11/2018	1	0.005	0.0046	0.007	0.0036	0.003	0.0037	0.019	0.006	0.013	0.018	0.011	0.018	0.016	0.0097	0.0099	0.0077	0.0058	0.011	ND	ND
D-1S @ 5'	4/11/2018	5	0.019	0.033	0.033	0.031	0.035	0.037	0.045	0.046	0.041	0.056	0.05	0.057	0.054	0.058	0.049	0.05	0.051	0.048	ND	ND
D-1S @ 10'	4/11/2018	10	0.0013	0.00096	0.00074	0.00049	0.00061	0.00065	0.0042	0.0013	0.0017	0.0023	0.0029	0.0043	0.0041	0.0023	0.0018	0.0015	0.0045	0.0018	ND	ND
D-2S @ 1.5'	4/11/2018	2	0.031	0.02	0.025	0.016	0.013	ND	0.16	0.048	0.16	0.21	0.14	0.21	0.19	0.1	0.12	0.1	0.056	0.15	ND	ND
D-2S @ 5'	4/11/2018	5	ND	0.001	0.0015	0.00065	0.00071	0.0008	0.0038	0.0014	0.0013	0.0018	0.0031	0.0044	0.0034	0.0025	0.0018	0.0021	0.0021	0.0027	ND	ND
D-2S @ 10'	4/11/2018	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-3S @ 1'	4/11/2018	1	ND	0.029	0.055	ND	ND	0.13	ND	0.095	0.14	0.15	0.25	0.18	0.12	0.11	0.12	0.09	0.18	ND	ND	ND
D-3S @ 5'	4/11/2018	5	0.0037	0.0026	0.0024	ND	ND	0.0011	0.012	0.0012	0.0029	0.0032	0.0028	0.007	0.0058	0.0021	0.0014	0.0019	0.0018	0.0026	ND	ND
D-3S @ 10'	4/11/2018	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-1 GWS @ 2.5'	4/11/2018	3	ND	0.016	0.019	ND	ND	0.13	0.038	0.12	0.14	0.11	0.21	0.16	0.088	0.089	0.086	0.064	0.14	ND	ND	ND
D-1 GWS @ 5'	4/11/2018	5	0.0013	0.0017	0.0014	ND	ND	0.00066	0.012	ND	0.0019	0.0024	0.0025	0.0084	0.0062	0.0022	0.0015	0.0021	0.002	0.003	ND	ND
D-1 GWS @ 10'	4/11/2018	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-1 GWS @ 15'	4/11/2018	15	ND	ND	ND	ND	ND	0.0043	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-1 GWS @ 20'	4/11/2018	20	ND	ND	ND	ND	ND	0.0044	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-2 GWS @ 3.5'	4/11/2018	4	ND	0.013	0.024	0.012	ND	ND	0.17	0.042	0.22	0.27	0.17	0.28	0.24	0.12	0.16	0.11	0.056	0.16	ND	ND
D-2 GWS @ 5'	4/11/2018	5	ND	ND	ND	ND	ND	0.0052	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-2 GWS @ 10'	4/11/2018	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-2 GWS @ 15'	4/11/2018	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-2 GWS @ 20'	4/11/2018	20	0.0069	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes -

mg/kg - milligrams per kilograms

µg/kg - micrograms per kilogram

NA - not analyzed

ND - not detected

<3 indicates concentration is less than the laboratory reporting limit of 3 mg/kg.

USEPA RSLs have been used as a screening level for SVOCs.

<sup>1</sup> California Department of Toxic Substances (DTSC) Human and Ecological Risk Office (HERO); HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs) for Residential Soil, Table 1, January 2018.

<sup>2</sup> California Department of Toxic Substances (DTSC) Human and Ecological Risk Office (HERO); HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs) for Commercial/Industrial Soil, Table 1, January 2018.

<sup>3</sup> USEPA Region 9 Regional Screening Levels (RSLs) for residential soil, November 2017.

<sup>4</sup> USEPA Region 9 Regional Screening Levels (RSLs) for commercial/industrial soil, November 2017.

200 - Concentration exceeds SLs for Residential

Table B - Summary of Soil Analytical Results - Metals, VOCs, and TPHs

Sample ID	Date	Sample Depth	CAM 17 Metals - EPA Test Method 6010B										Mercury - EPA Test Method 7471B	Other Metals	STLC (mg/L)				TCLP (mg/L)	VOCs - EPA Test Method 8260		TPH - EPA Test Method 8015B w/Silica Gel				
			Sb	As	Ba	Cr	Co	Cu	Pb	Ni	V	Zn			As	Cr	Cu	Pb		Pb	TPH as Gasoline	Other VOCs	TPH as Diesel	TPH as Motor Oil		
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg			--	--	--	--		--	mg/Kg	mg/kg	mg/Kg	mg/Kg		
DTSC SL for Residential use <sup>1</sup>			3.10E+01	1.10E-01	15,000 <sup>7</sup>	--	23 <sup>7</sup>	3,100 <sup>7</sup>	8.00E+01	4.90E+02	3.90E+02	23,000 <sup>7</sup>	1.00E+00	--	--	--	--	--	740 <sup>3</sup>	--	2300 <sup>3</sup>	11,000 <sup>3</sup>				
DTSC SL for Commercial use <sup>2</sup>			4.70E+02	4.00E-01	2,200,000 <sup>8</sup>	--	350 <sup>8</sup>	47,000 <sup>8</sup>	3.20E+02	3.10E+03	1.00E+03	350,000 <sup>8</sup>	4.50E+00	--	--	--	--	--	3,900 <sup>4</sup>	--	1,100 <sup>4</sup>	140,000 <sup>4</sup>				
STLC(mg/L) <sup>5</sup>			--	--	--	--	--	--	--	--	--	--	--	5.00E+00	5.00E+00	2.50E+01	5.00E+00	--	--	--	--	--				
TCLP (mg/L) <sup>5</sup>			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.00E+00	--	--	--	--				
D-1S @ 1'	4/11/2018	1	ND	3.17 <sup>6</sup>	148	55.1	12.3	48.7	254	70.1	43.6	123	0.94	ND	NA	0.4	NA	178	ND	ND	ND	4.84	21.5			
D-1S @ 5'	4/11/2018	5	ND	55	108	91.7	10.2	99.0	7.15	109	42.8	142	ND	ND	ND	0.207	NA	NA	NA	ND	ND	ND	2.34	ND		
D-1S @ 10'	4/11/2018	10	ND	ND	153	43.4	16.8	25.2	6.85	54.7	70.3	47.4	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	2.63	ND		
D-2S @ 1.5'	4/11/2018	2	ND	4.16 <sup>6</sup>	178	39.7	11.1	25.3	138	50.0	32.5	42.6	0.71	ND	NA	NA	NA	17.5	ND	ND	ND	ND	20.2	273		
D-2S @ 5'	4/11/2018	5	ND	3.59 <sup>6</sup>	187	46.7	9.89	77.0	4.6	68.9	27.3	165	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	2.56	30.4		
D-2S @ 10'	4/11/2018	10	ND	ND	103	36.3	8.46	28.2	4.8	44.8	30.5	53.8	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	2.40	10.0		
D-3S @ 1'	4/11/2018	1	ND	ND	129	36.5	10.0	16.9	68.8	42.0	38.7	39.4	ND	ND	NA	NA	NA	6.79	ND	ND	ND	ND	18.6	560		
D-3S @ 5'	4/11/2018	5	ND	ND	206	41.6	15.1	60.8	8.75	52.9	42.1	87.4	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	0.114	ND	3.58	45.5
D-3S @ 10'	4/11/2018	10	ND	ND	83.1	51.8	9.22	37.1	5.8	65.3	39.4	70.0	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	
D-1 GWS @ 2.5'	4/11/2018	3	5.7	3.86 <sup>6</sup>	178	37.9	16.9	21.9	5.8	48.5	34.0	41.9	0.76	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	90.8	768	
D-1 GWS @ 5'	4/11/2018	5	ND	6.93 <sup>6</sup>	166	88.5	13.3	191.0	303	143	38.0	287	ND	ND	NA	NA	NA	0.263	NA	ND	NA	ND	ND	4.00	64.2	
D-1 GWS @ 10'	4/11/2018	10	ND	ND	83.9	53.6	11.0	33.9	9.7	66.2	59.9	68.6	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	3.12	13.7	
D-1 GWS @ 15'	4/11/2018	15	ND	11.1 <sup>6</sup>	104	43.7	12.1	28.3	17.4	58.7	43.3	47.6	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	2.74	ND	
D-1 GWS @ 20'	4/11/2018	20	ND	ND	74.5	47.2	9.41	34.8	6.2	70.3	28.6	59.9	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
D-2 GWS @ 3.5'	4/11/2018	4	ND	ND	164	37.9	16.5	20.7	4.9	47.8	34.7	40.9	0.57	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	48.3	841	
D-2 GWS @ 5'	4/11/2018	5	ND	7.54 <sup>6</sup>	418	57.7	17.8	405.0	244	165	33.3	465	ND	ND	NA	NA	NA	ND	NA	ND	ND	ND	ND	3.67	32.7	
D-2 GWS @ 10'	4/11/2018	10	ND	ND	102	43.0	10.8	28.3	8.9	67.0	46.9	55.6	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	2.92	12.9	
D-2 GWS @ 15'	4/11/2018	15	ND	7.4 <sup>6</sup>	56.8	47.4	5.61	26.8	6.25	50.0	19.4	50.8	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	2.13	ND	
D-2 GWS @ 20'	4/11/2018	20	ND	ND	32.4	39.5	6.65	15.3	3.35	36.0	27.9	33.4	ND	ND	NA	NA	NA	NA	NA	0.521	ND	ND	ND	3.69	ND	

Notes -

mg/kg - milligrams per kilograms

µg/kg - micrograms per kilogram

NA - not analyzed

ND - not detected

<sup>1</sup> California

<sup>2</sup> California

<sup>3</sup> San Francisco Regional Water Quality Control Board (RWQCB), Residential Shallow Soil Exposure Environmental Screening Levels, Table S-1, February 2016 (Revision 3).

<sup>4</sup> San Francisco RWQCB, Commercial/Industrial Shallow Soil Exposure Environmental Screening Levels, Table S-1, February 2016 (Revision 3).

<sup>5</sup> Used for California

<sup>6</sup> Although arsenic concentrations exceed the corresponding screening levels, concentrations are within expected background concentrations observed in the San Francisco Bay Area.

<sup>7</sup> USEPA Region 9 Regional Screening Levels (RSLs) for residential soil, November 2017.

<sup>8</sup> USEPA Region 9 Regional Screening Levels (RSLs) for commercial/industrial soil, November 2017.

**200** - Concentration exceeds ESLs for Residential

**200** - Concentration exceeds ESLs for both Residential and Commercial

Only analytes with detections are shown. Refer to Laboratory Analytical Reports for complete analytical results.

STLC - Soluble Threshold Limit Concentration

TCLP - Toxicity Characteristic Leaching Procedure

**APPENDIX A**  
**Soil Boring Logs**

14121.000.000  
May 14, 2018

KEY TO BORING LOGS																
MAJOR TYPES				DESCRIPTION												
COARSE-GRAINED SOILS MORE THAN HALF OF MATERIAL LARGER THAN #200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE	CLEAN GRAVELS WITH LESS THAN 5% FINES		GW - Well graded gravels or gravel-sand mixtures		GP - Poorly graded gravels or gravel-sand mixtures										
		GRAVELS WITH OVER 12 % FINES		GM - Silty gravels, gravel-sand and silt mixtures		GC - Clayey gravels, gravel-sand and clay mixtures										
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE SIZE	CLEAN SANDS WITH LESS THAN 5% FINES		SW - Well graded sands, or gravelly sand mixtures		SP - Poorly graded sands or gravelly sand mixtures										
		SANDS WITH OVER 12 % FINES		SM - Silty sand, sand-silt mixtures		SC - Clayey sand, sand-clay mixtures										
FINE-GRAINED SOILS MORE THAN HALF OF MATERIAL SMALLER THAN #200 SIEVE	SILTS AND CLAYS LIQUID LIMIT 50 % OR LESS			ML - Inorganic silt with low to medium plasticity		CL - Inorganic clay with low to medium plasticity										
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50 %			OL - Low plasticity organic silts and clays		MH - Elastic silt with high plasticity										
	HIGHLY ORGANIC SOILS			CH - Fat clay with high plasticity		OH - Highly plastic organic silts and clays										
	PT - Peat and other highly organic soils															
For fine-grained soils with 15 to 29% retained on the #200 sieve, the words "with sand" or "with gravel" (whichever is predominant) are added to the group name.																
For fine-grained soil with >30% retained on the #200 sieve, the words "sandy" or "gravelly" (whichever is predominant) are added to the group name.																
GRAIN SIZES																
U.S. STANDARD SERIES SIEVE SIZE				CLEAR SQUARE SIEVE OPENINGS												
200	40	10	4	3/4 "	3"	12"										
SILTS AND CLAYS	SAND			GRAVEL		COBBLES	BOULDERS									
FINE	MEDIUM	COARSE		FINE	COARSE											
RELATIVE DENSITY				CONSISTENCY												
SANDS AND GRAVELS		BLOWS/FOOT (S.P.T.)		SILTS AND CLAYS		STRENGTH*										
VERY LOOSE		0-4		VERY SOFT		0-1/4										
LOOSE		4-10		SOFT		1/4-1/2										
MEDIUM DENSE		10-30		MEDIUM STIFF		1/2-1										
DENSE		30-50		STIFF		1-2										
VERY DENSE		OVER 50		VERY STIFF		2-4										
				HARD		OVER 4										
MOISTURE CONDITION																
SAMPLER SYMBOLS				DRY	Dusty, dry to touch											
				MOIST	Damp but no visible water											
				WET	Visible freewater											
LINE TYPES																
				Solid - Layer Break												
				Dashed - Gradational or approximate layer break												
GROUND-WATER SYMBOLS																
					Groundwater level during drilling											
					Stabilized groundwater level											
NR No Recovery																
(S.P.T.) Number of blows of 140 lb. hammer falling 30" to drive a 2-inch O.D. (1-3/8 inch I.D.) sampler																
* Unconfined compressive strength in tons/sq. ft., asterisk on log means determined by pocket penetrometer																



# LOG OF PROBE D-1GWS

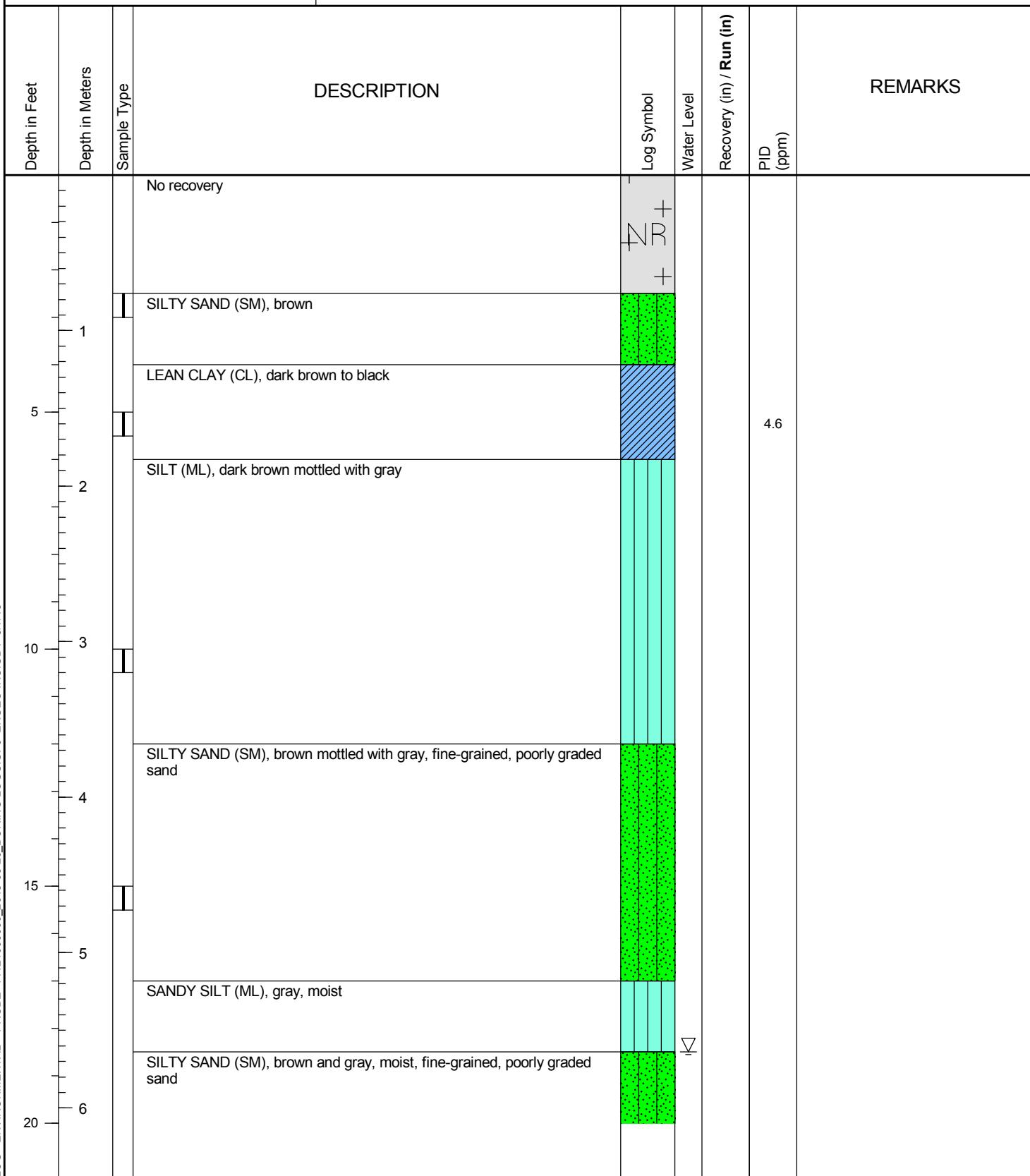
LATITUDE: 37.331755

LONGITUDE: -121.900453

Environmental Assessment  
Diridon Station - Project Spartan  
San Jose, California  
14121.000.000

DATE DRILLED: 4/11/2018  
HOLE DEPTH: 24 ft.  
HOLE DIAMETER: 2.0 in.  
SURF ELEV (WGS 84): 87.6 ft.

LOGGED / REVIEWED BY: R. Peck / SM  
DRILLING CONTRACTOR: Gregg Drilling & Testing  
DRILLING METHOD: Geoprobe  
HAMMER TYPE: Direct Push





# LOG OF PROBE D-1GWS

LATITUDE: 37.331755

LONGITUDE: -121.900453

Environmental Assessment  
Diridon Station - Project Spartan  
San Jose, California  
14121.000.000

DATE DRILLED: 4/11/2018  
HOLE DEPTH: 24 ft.  
HOLE DIAMETER: 2.0 in.  
SURF ELEV (WGS 84): 87.6 ft.

LOGGED / REVIEWED BY: R. Peck / SM  
DRILLING CONTRACTOR: Gregg Drilling & Testing  
DRILLING METHOD: Geoprobe  
HAMMER TYPE: Direct Push

Depth in Feet	Depth in Meters	Sample Type	DESCRIPTION	Log Symbol	Water Level	Recovery (in) / Run (in)	PID (ppm)	REMARKS
7			SANDY SILTY LEAN CLAY (CL), gray mottled with orangeish brown, moist					
			End of boring at approximately 24 feet. Groundwater encountered at approximately 18 1/2 feet below ground surface.					



# LOG OF PROBE D-1S

LATITUDE: 37.331642

LONGITUDE: -121.901071

Environmental Assessment  
Diridon Station - Project Spartan  
San Jose, California  
14121.000.000

DATE DRILLED: 4/11/2018  
HOLE DEPTH: 10 ft.  
HOLE DIAMETER: 2.0 in.  
SURF ELEV (WGS 84): 86.9 ft.

LOGGED / REVIEWED BY: R. Peck / SM  
DRILLING CONTRACTOR: Gregg Drilling & Testing  
DRILLING METHOD: Geoprobe  
HAMMER TYPE: Direct Push

Depth in Feet	Depth in Meters	Sample Type	DESCRIPTION	Log Symbol	Water Level	Recovery (in) / Run (in)	PID (ppm)	REMARKS
			SANDY SILT (ML), brown					
1			SILTY SAND (SM), brown, fine-grained					
			LEAN CLAY (CL), dark brown to black					
5			Dark brown mottled with gray, same as above					
2			SILTY LEAN CLAY (CL), brown mottled with gray					
10			End of boring at approximately 10 feet.					



# LOG OF PROBE D-2GWS

LATITUDE: 37.331234

LONGITUDE: -121.901

Environmental Assessment  
Diridon Station - Project Spartan  
San Jose, California  
14121.000.000

DATE DRILLED: 4/11/2018  
HOLE DEPTH: 20 ft.  
HOLE DIAMETER: 2.0 in.  
SURF ELEV (WGS 84): 87.5 ft.

LOGGED / REVIEWED BY: R. Peck / SM  
DRILLING CONTRACTOR: Gregg Drilling & Testing  
DRILLING METHOD: Geoprobe  
HAMMER TYPE: Direct Push

Depth in Feet	Depth in Meters	Sample Type	DESCRIPTION	Log Symbol	Water Level	Recovery (in) / Run (in)	PID (ppm)	REMARKS
			No recovery					
1			SANDY SILT (ML), brown	+ ZR +				
5			LEAN CLAY (CL), dark brown to black	+				
2			SILTY CLAY LEAN (CL), brown mottled with gray	+				
10			SANDY SILT (ML), yellowish brown mottled with grayish brown	+				
3								
4								
15								
5			SILTY SAND (SM), brown, wet, fine-grained, poorly graded sand	+				
6			WELL GRADED SAND WITH GRAVEL (SW), dark brown to dark gray, wet, fine- to coarse-grained	+				
20			End of boring at approximately 20 feet. Groundwater encountered at approximately 16 feet below ground surface.					



# LOG OF PROBE D-2S

LATITUDE: 37.33141

LONGITUDE: -121.900833

Environmental Assessment  
Diridon Station - Project Spartan  
San Jose, California  
14121.000.000

DATE DRILLED: 4/11/2018  
HOLE DEPTH: 10 ft.  
HOLE DIAMETER: 2.0 in.  
SURF ELEV (WGS 84): 86.2 ft.

LOGGED / REVIEWED BY: R. Peck / SM  
DRILLING CONTRACTOR: Gregg Drilling & Testing  
DRILLING METHOD: Geoprobe  
HAMMER TYPE: Direct Push

Depth in Feet	Depth in Meters	Sample Type	DESCRIPTION	Log Symbol	Water Level	Recovery (in) / Run (in)	PID (ppm)	REMARKS
			No recovery					
			SANDY SILT (ML), brown					
1			SILTY LEAN CLAY (CL), dark brown to black					
5								
10			SANDY SILT (ML), grayish brown					
			SILTY SAND (SM), brown, fine-grained, poorly graded sand					
			SANDY SILT (ML), gray mottled with orangeish brown					
2								
3			End of boring at approximately 10 feet.					
10								



# LOG OF PROBE D-3S

LATITUDE: 37.331236

LONGITUDE: -121.900424

Environmental Assessment  
Diridon Station - Project Spartan  
San Jose, California  
14121.000.000

DATE DRILLED: 4/11/2018  
HOLE DEPTH: 10 ft.  
HOLE DIAMETER: 2.0 in.  
SURF ELEV (WGS 84): 87.8 ft.

LOGGED / REVIEWED BY: R. Peck / SM  
DRILLING CONTRACTOR: Gregg Drilling & Testing  
DRILLING METHOD: Geoprobe  
HAMMER TYPE: Direct Push

Depth in Feet	Depth in Meters	Sample Type	DESCRIPTION	Log Symbol	Water Level	Recovery (in) / Run (in)	PID (ppm)	REMARKS
			AC and gravel					
			SANDY SILT (ML), brown					
1								
			SILTY LEAN CLAY (CL), dark brown to black					
5								
2			Dark brown mottled with gray, same as above					
			SILT (ML), grayish brown					
10								
			End of boring at approximately 10 feet.					

**APPENDIX B**  
**Laboratory Analytical Reports**

14121.000.000  
May 14, 2018



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

RE: Lot D

Work Order No.: 1804107

Dear Divya Bhargava:

Torrent Laboratory, Inc. received 2 sample(s) on April 11, 2018 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 "Belinda Vega".

---

Belinda Vega  
Vice President of Operations

April 16, 2018

---

Date



**Date:** 4/16/2018

---

**Client:** Engeo (San Ramon)

**Project:** Lot D

**Work Order:** 1804107

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### CASE NARRATIVE

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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.



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
**Date Received:** 04/11/18  
Engeo (San Ramon) **Date Reported:** 04/16/18

### D-2 GWS

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	4.2	120	210	3580	ug/L
Barium (Dissolved)	SW6010B	1	0.00050	0.0050	0.16	mg/L
Chromium (Dissolved)	SW6010B	1	0.00090	0.0050	0.014	mg/L
Nickel (Dissolved)	SW6010B	1	0.0020	0.0050	0.020	mg/L
Vanadium (Dissolved)	SW6010B	1	0.0010	0.0050	0.0073	mg/L
Zinc (Dissolved)	SW6010B	1	0.0020	0.0050	0.015	mg/L
TPH as Diesel (SG)	SW8015B	1	0.037	0.10	0.133	mg/L
Toluene	SW8260B	4.2	0.60	2.1	2.9	ug/L
Ethyl Benzene	SW8260B	4.2	0.82	2.1	160	ug/L
m,p-Xylene	SW8260B	4.2	1.7	4.2	100	ug/L
o-Xylene	SW8260B	4.2	0.65	2.1	7.0	ug/L
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	21	ug/L
n-Propylbenzene	SW8260B	4.2	1.2	2.1	75	ug/L
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	79	ug/L
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	170	ug/L
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	5.8	ug/L
n-Butylbenzene	SW8260B	4.2	1.1	2.1	22	ug/L
Naphthalene	SW8260B	4.2	5.1	8.4	50	ug/L
Naphthalene	SW8270SIM	10	0.774	4.0	57	ug/L
2-Methylnaphthalene	SW8270SIM	10	0.774	4.0	35	ug/L
1-Methylnaphthalene	SW8270SIM	10	0.918	4.0	21	ug/L

### D-1 GWS

1804107-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 04/16/18

Client Sample ID:	D-2 GWS	Lab Sample ID:	1804107-001A
Project Name/Location:	Lot D	Sample Matrix:	Groundwater
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 9:30		
SDG:			

Prep Method:	5030VOC	Prep Batch Date/Time:	4/13/18	3:30:00PM
Prep Batch ID:	1104312	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,1-Dichloroethene	SW8260B	4.2	0.60	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Methylene Chloride	SW8260B	4.2	0.55	2.1	ND		ug/L	04/13/18	22:44	BP	431027
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	04/13/18	22:44	BP	431027
MTBE	SW8260B	4.2	0.32	2.1	ND		ug/L	04/13/18	22:44	BP	431027
tert-Butanol	SW8260B	4.2	31	42	ND		ug/L	04/13/18	22:44	BP	431027
Diisopropyl ether (DIPE)	SW8260B	4.2	0.51	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	04/13/18	22:44	BP	431027
ETBE	SW8260B	4.2	0.27	2.1	ND		ug/L	04/13/18	22:44	BP	431027
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	ND		ug/L	04/13/18	22:44	BP	431027
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Benzene	SW8260B	4.2	0.66	2.1	ND		ug/L	04/13/18	22:44	BP	431027
TAME	SW8260B	4.2	0.30	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	04/13/18	22:44	BP	431027
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Toluene	SW8260B	4.2	0.60	2.1	<b>2.9</b>		ug/L	04/13/18	22:44	BP	431027
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	04/13/18	22:44	BP	431027
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	04/13/18	22:44	BP	431027



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
**Engeo (San Ramon)**

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 04/16/18

<b>Client Sample ID:</b>	D-2 GWS	<b>Lab Sample ID:</b>	1804107-001A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 9:30		
<b>SDG:</b>			

<b>Prep Method:</b>	5030VOC	<b>Prep Batch Date/Time:</b>	4/13/18	3:30:00PM
<b>Prep Batch ID:</b>	1104312	<b>Prep Analyst:</b>	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Chlorobenzene	SW8260B	4.2	0.68	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Ethyl Benzene	SW8260B	4.2	0.82	2.1	160		ug/L	04/13/18	22:44	BP	431027
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	04/13/18	22:44	BP	431027
m,p-Xylene	SW8260B	4.2	1.7	4.2	100		ug/L	04/13/18	22:44	BP	431027
o-Xylene	SW8260B	4.2	0.65	2.1	7.0		ug/L	04/13/18	22:44	BP	431027
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	04/13/18	22:44	BP	431027
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	21		ug/L	04/13/18	22:44	BP	431027
n-Propylbenzene	SW8260B	4.2	1.2	2.1	75		ug/L	04/13/18	22:44	BP	431027
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	04/13/18	22:44	BP	431027
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	79		ug/L	04/13/18	22:44	BP	431027
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	04/13/18	22:44	BP	431027
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	04/13/18	22:44	BP	431027
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	170		ug/L	04/13/18	22:44	BP	431027
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	5.8		ug/L	04/13/18	22:44	BP	431027
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	04/13/18	22:44	BP	431027
n-Butylbenzene	SW8260B	4.2	1.1	2.1	22		ug/L	04/13/18	22:44	BP	431027
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	04/13/18	22:44	BP	431027
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	04/13/18	22:44	BP	431027
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	04/13/18	22:44	BP	431027
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	04/13/18	22:44	BP	431027
Naphthalene	SW8260B	4.2	5.1	8.4	50		ug/L	04/13/18	22:44	BP	431027
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	04/13/18	22:44	BP	431027
(S) Dibromofluoromethane	SW8260B	61.2 - 131		145	S	%	04/13/18	22:44	BP	431027	
(S) Toluene-d8	SW8260B	75.1 - 127		107		%	04/13/18	22:44	BP	431027	
(S) 4-Bromofluorobenzene	SW8260B	64.1 - 120		99.8		%	04/13/18	22:44	BP	431027	

**NOTE:** S-Surrogate recovery out of limit-high bias. Data was acceptable as no associated target analytes were observed in the sample. No corrective action required.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 04/16/18

<b>Client Sample ID:</b>	D-2 GWS	<b>Lab Sample ID:</b>	1804107-001A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 9:30		
<b>SDG:</b>			

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 4/13/18 3:30:00PM
<b>Prep Batch ID:</b> 1104309	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	4.2	120	210	3580	x	ug/L	04/13/18	22:44	BP	431027
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		78.6		%	04/13/18	22:44	BP	431027

**NOTE:** x – Does not match pattern of reference Gasoline standard. Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons to the C5-C12 range quantified as Gasoline.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 04/16/18

<b>Client Sample ID:</b>	D-2 GWS	<b>Lab Sample ID:</b>	1804107-001B
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 9:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3510_PAHSIM	<b>Prep Batch Date/Time:</b> 4/13/18 6:00:00PM
<b>Prep Batch ID:</b> 1104274	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270SIM	10	0.774	4.0	57		ug/L	04/16/18	11:21	MT	431023
2-Methylnaphthalene	SW8270SIM	10	0.774	4.0	35		ug/L	04/16/18	11:21	MT	431023
1-Methylnaphthalene	SW8270SIM	10	0.918	4.0	21		ug/L	04/16/18	11:21	MT	431023
Acenaphthylene	SW8270SIM	10	1.03	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Acenaphthene	SW8270SIM	10	0.864	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Fluorene	SW8270SIM	10	0.918	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Phenanthrene	SW8270SIM	10	0.990	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Anthracene	SW8270SIM	10	1.24	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Fluoranthene	SW8270SIM	10	1.10	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Pyrene	SW8270SIM	10	0.900	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Benz[a]anthracene	SW8270SIM	10	1.17	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Chrysene	SW8270SIM	10	1.01	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Benzo[b]fluoranthene	SW8270SIM	10	1.04	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Benzo[k]fluoranthene	SW8270SIM	10	1.04	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Benzo[a]pyrene	SW8270SIM	10	0.810	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Indeno[1,2,3-cd]pyrene	SW8270SIM	10	1.12	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Dibenz[a,h]anthracene	SW8270SIM	10	0.882	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Benzo[g,h,i]perylene	SW8270SIM	10	0.990	4.0	ND		ug/L	04/16/18	11:21	MT	431023
Acceptance Limits											
Nitrobenzene-d5 (S)	SW8270SIM	35 - 100			55	D	%	04/16/18	11:21	MT	431023
2-Fluorobiphenyl (S)	SW8270SIM	45 - 105			66	D	%	04/16/18	11:21	MT	431023
p-Terphenyl-d14 (S)	SW8270SIM	30 - 125			83	D	%	04/16/18	11:21	MT	431023

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)

<b>Prep Method:</b> 3510_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 1:44:00PM
<b>Prep Batch ID:</b> 1104247	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	0.70	10	ND		ug/L	04/14/18	3:38	mk	430982
Aroclor1221	SW8082A	1	5.6	10	ND		ug/L	04/14/18	3:38	mk	430982
Aroclor1232	SW8082A	1	1.2	10	ND		ug/L	04/14/18	3:38	mk	430982
Aroclor1242	SW8082A	1	3.8	10	ND		ug/L	04/14/18	3:38	mk	430982
Aroclor1248	SW8082A	1	5.5	10	ND		ug/L	04/14/18	3:38	mk	430982
Aroclor1254	SW8082A	1	0.20	10	ND		ug/L	04/14/18	3:38	mk	430982
Aroclor1260	SW8082A	1	0.50	10	ND		ug/L	04/14/18	3:38	mk	430982



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 04/16/18

<b>Client Sample ID:</b>	D-2 GWS	<b>Lab Sample ID:</b>	1804107-001B
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 9:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3510_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 1:44:00PM
<b>Prep Batch ID:</b> 1104247	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Acceptance Limits											
TCMX (S)	SW8082A		50 - 125		64.0		%	04/14/18	3:38	mk	430982
DCBP (S)	SW8082A		30 - 135		73.0		%	04/14/18	3:38	mk	430982

<b>Prep Method:</b> 3510_TPH SG	<b>Prep Batch Date/Time:</b> 4/13/18 1:49:00PM
<b>Prep Batch ID:</b> 1104251	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.037	0.10	0.133	x	mg/L	04/14/18	4:31	mk	430983
TPH as Motor Oil (SG)	SW8015B	1	0.11	0.40	ND		mg/L	04/14/18	4:31	mk	430983
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		99.0		%	04/14/18	4:31	mk	430983

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



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 04/16/18

Client Sample ID:	D-2 GWS	Lab Sample ID:	1804107-001C
Project Name/Location:	Lot D	Sample Matrix:	Groundwater
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 9:30		
SDG:			

Prep Method:	7470AP	Prep Batch Date/Time:	4/15/18	11:30:00AM
Prep Batch ID:	1104305	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury (Dissolved)	SW7470A	1	0.00013	0.00020	ND		mg/L	04/16/18	14:14	BJAY	431039

Prep Method:	3010B	Prep Batch Date/Time:	4/15/18	11:30:00AM
Prep Batch ID:	1104296	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony (Dissolved)	SW6010B	1	0.0050	0.010	ND		mg/L	04/15/18	16:07	PPATEL	431015
Arsenic (Dissolved)	SW6010B	1	0.0040	0.010	ND		mg/L	04/15/18	16:07	PPATEL	431015
Barium (Dissolved)	SW6010B	1	0.00050	0.0050	<b>0.16</b>		mg/L	04/15/18	16:07	PPATEL	431015
Beryllium (Dissolved)	SW6010B	1	0.00020	0.0050	ND		mg/L	04/15/18	16:07	PPATEL	431015
Cadmium (Dissolved)	SW6010B	1	0.0020	0.0050	ND		mg/L	04/15/18	16:07	PPATEL	431015
Chromium (Dissolved)	SW6010B	1	0.00090	0.0050	<b>0.014</b>		mg/L	04/15/18	16:07	PPATEL	431015
Cobalt (Dissolved)	SW6010B	1	0.00050	0.0050	ND		mg/L	04/15/18	16:07	PPATEL	431015
Copper (Dissolved)	SW6010B	1	0.0020	0.0050	ND		mg/L	04/15/18	16:07	PPATEL	431015
Lead (Dissolved)	SW6010B	1	0.0040	0.010	ND		mg/L	04/15/18	16:07	PPATEL	431015
Molybdenum (Dissolved)	SW6010B	1	0.0020	0.010	ND		mg/L	04/15/18	16:07	PPATEL	431015
Nickel (Dissolved)	SW6010B	1	0.0020	0.0050	<b>0.020</b>		mg/L	04/15/18	16:07	PPATEL	431015
Selenium (Dissolved)	SW6010B	1	0.0073	0.010	ND		mg/L	04/15/18	16:07	PPATEL	431015
Silver (Dissolved)	SW6010B	1	0.0040	0.010	ND		mg/L	04/15/18	16:07	PPATEL	431015
Thallium (Dissolved)	SW6010B	1	0.0040	0.015	ND		mg/L	04/15/18	16:07	PPATEL	431015
Vanadium (Dissolved)	SW6010B	1	0.0010	0.0050	<b>0.0073</b>		mg/L	04/15/18	16:07	PPATEL	431015
Zinc (Dissolved)	SW6010B	1	0.0020	0.0050	<b>0.015</b>		mg/L	04/15/18	16:07	PPATEL	431015



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 04/16/18

Client Sample ID:	D-1 GWS	Lab Sample ID:	1804107-002A
Project Name/Location:	Lot D	Sample Matrix:	Groundwater
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 12:00		
SDG:			

Prep Method:	5030VOC	Prep Batch Date/Time:	4/16/18	9:02:00AM
Prep Batch ID:	1104320	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Methylene Chloride	SW8260B	1	0.13	0.50	ND		ug/L	04/16/18	13:46	BP	431032
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	04/16/18	13:46	BP	431032
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/16/18	13:46	BP	431032
tert-Butanol	SW8260B	1	7.4	10	ND		ug/L	04/16/18	13:46	BP	431032
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	04/16/18	13:46	BP	431032
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/16/18	13:46	BP	431032
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	04/16/18	13:46	BP	431032
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	04/16/18	13:46	BP	431032
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	04/16/18	13:46	BP	431032
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	04/16/18	13:46	BP	431032
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	04/16/18	13:46	BP	431032



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 04/16/18

Client Sample ID:	D-1 GWS	Lab Sample ID:	1804107-002A
Project Name/Location:	Lot D	Sample Matrix:	Groundwater
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 12:00		
SDG:			

Prep Method:	5030VOC	Prep Batch Date/Time:	4/16/18	9:02:00AM
Prep Batch ID:	1104320	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	04/16/18	13:46	BP	431032
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/16/18	13:46	BP	431032
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	04/16/18	13:46	BP	431032
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	04/16/18	13:46	BP	431032
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	04/16/18	13:46	BP	431032
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	04/16/18	13:46	BP	431032
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	04/16/18	13:46	BP	431032
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	04/16/18	13:46	BP	431032
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	04/16/18	13:46	BP	431032
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	04/16/18	13:46	BP	431032
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	04/16/18	13:46	BP	431032
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	04/16/18	13:46	BP	431032
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	04/16/18	13:46	BP	431032
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	04/16/18	13:46	BP	431032
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	04/16/18	13:46	BP	431032
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	04/16/18	13:46	BP	431032
(S) Dibromofluoromethane	SW8260B		61.2 - 131		116		%	04/16/18	13:46	BP	431032
(S) Toluene-d8	SW8260B		75.1 - 127		102		%	04/16/18	13:46	BP	431032
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		100		%	04/16/18	13:46	BP	431032



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 04/16/18

<b>Client Sample ID:</b>	D-1 GWS	<b>Lab Sample ID:</b>	1804107-002A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 12:00		
<b>SDG:</b>			

<b>Prep Method:</b> 5030GRO	<b>Prep Batch Date/Time:</b> 4/12/18 10:20:00AM
<b>Prep Batch ID:</b> 1104304	<b>Prep Analyst:</b> BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	04/12/18	18:45	BP	430972
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		95.7		%	04/12/18	18:45	BP	430972



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 04/16/18

<b>Client Sample ID:</b>	D-1 GWS	<b>Lab Sample ID:</b>	1804107-002B
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Groundwater
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 12:00		
<b>SDG:</b>			

<b>Prep Method:</b> 3510_TPH SG	<b>Prep Batch Date/Time:</b> 4/13/18 1:49:00PM
<b>Prep Batch ID:</b> 1104251	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.037	0.10	ND		mg/L	04/14/18	4:54	mk	430983
TPH as Motor Oil (SG)	SW8015B	1	0.11	0.40	ND		mg/L	04/14/18	4:54	mk	430983
Pentacosane (S)	SW8015B	Acceptance Limits 59 - 129			<b>82.9</b>		%	04/14/18	4:54	mk	430983



## MB Summary Report

Work Order:	1804107	Prep Method:	3510_PCB	Prep Date:	04/13/18	Prep Batch:	1104247
Matrix:	Water	Analytical Method:	SW8082A	Analyzed Date:	4/14/2018	Analytical Batch:	430982
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Aroclor1016	0.70	10	ND		
Aroclor1221	5.6	10	ND		
Aroclor1232	1.2	10	ND		
Aroclor1242	3.8	10	ND		
Aroclor1248	5.5	10	ND		
Aroclor1254	0.20	10	ND		
Aroclor1260	0.50	10	ND		
TCMX (S)			97.0		
DCBP (S)			47.0		

Work Order:	1804107	Prep Method:	3510_TPH SG	Prep Date:	04/13/18	Prep Batch:	1104251
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	4/14/2018	Analytical Batch:	430983
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel (SG)	0.037	0.10	0.0421		
TPH as Motor Oil (SG)	0.11	0.40	ND		
Pentacosane (S)			79.8		



## MB Summary Report

Work Order:	1804107	Prep Method:	3510_PAHSIM	Prep Date:	04/13/18	Prep Batch:	1104274
Matrix:	Water	Analytical Method:	SW8270SIM	Analyzed Date:	4/14/2018	Analytical Batch:	431023
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Naphthalene	0.0774	0.40	ND		
2-Methylnaphthalene	0.0774	0.40	ND		
1-Methylnaphthalene	0.0918	0.40	ND		
Acenaphthylene	0.103	0.40	ND		
Acenaphthene	0.0864	0.40	ND		
Fluorene	0.0918	0.40	ND		
Phenanthrene	0.0990	0.40	ND		
Anthracene	0.124	0.40	ND		
Fluoranthene	0.110	0.40	ND		
Pyrene	0.0900	0.40	ND		
Benz[a]anthracene	0.117	0.40	ND		
Chrysene	0.101	0.40	ND		
Benzo[b]fluoranthene	0.104	0.40	ND		
Benzo[k]fluoranthene	0.104	0.40	ND		
Benzo[a]pyrene	0.0810	0.40	ND		
Indeno[1,2,3-cd]pyrene	0.112	0.40	ND		
Dibenz[a,h]anthracene	0.0882	0.40	ND		
Benzo[g,h,i]perylene	0.0990	0.40	ND		
Nitrobenzene-d5 (S)			60.6		
2-Fluorobiphenyl (S)			67.4		
p-Terphenyl-d14 (S)			78.3		



## MB Summary Report

Work Order:	1804107	Prep Method:	3010B	Prep Date:	04/15/18	Prep Batch:	1104296
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	4/15/2018	Analytical Batch:	431015
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Antimony (Dissolved)	0.0050	0.010	0.00670	
Arsenic (Dissolved)	0.0040	0.010	ND	
Barium (Dissolved)	0.00050	0.0050	ND	
Beryllium (Dissolved)	0.00020	0.0050	0.000400	
Cadmium (Dissolved)	0.0020	0.0050	ND	
Chromium (Dissolved)	0.00090	0.0050	ND	
Cobalt (Dissolved)	0.00050	0.0050	0.00110	
Copper (Dissolved)	0.0020	0.0050	ND	
Lead (Dissolved)	0.0040	0.010	ND	
Molybdenum (Dissolved)	0.0020	0.010	ND	
Nickel (Dissolved)	0.0020	0.0050	ND	
Selenium (Dissolved)	0.0073	0.010	ND	
Silver (Dissolved)	0.0040	0.010	ND	
Thallium (Dissolved)	0.0040	0.015	0.0100	
Vanadium (Dissolved)	0.0010	0.0050	ND	
Zinc (Dissolved)	0.0020	0.0050	ND	

Work Order:	1804107	Prep Method:	5030GRO	Prep Date:	04/12/18	Prep Batch:	1104304
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	4/12/2018	Analytical Batch:	430972
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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TPH(Gasoline)	29	50	ND	
(S) 4-Bromofluorobenzene			73.1	

Work Order:	1804107	Prep Method:	7470AP	Prep Date:	04/15/18	Prep Batch:	1104305
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	4/16/2018	Analytical Batch:	431039
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Mercury (Dissolved)	0.00013	0.00020	0.00013	
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## MB Summary Report

Work Order:	1804107	Prep Method:	5030GRO	Prep Date:	04/13/18	Prep Batch:	1104309
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	431027
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline) (S) 4-Bromofluorobenzene	29	50	ND 83.8		

TPH(Gasoline)  
(S) 4-Bromofluorobenzene



## MB Summary Report

Work Order:	1804107	Prep Method:	5030VOC	Prep Date:	04/13/18	Prep Batch:	1104312
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	431027
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.26	0.50	ND		
Chloromethane	0.17	0.50	ND		
Vinyl Chloride	0.21	0.50	ND		
Bromomethane	0.21	0.50	ND		
Chloroethane	0.11	0.50	ND		
Trichlorofluoromethane	0.19	0.50	ND		
1,1-Dichloroethene	0.14	0.50	ND		
Freon 113	0.34	0.50	ND		
Methylene Chloride	0.13	0.50	ND		
trans-1,2-Dichloroethene	0.16	0.50	ND		
MTBE	0.077	0.50	ND		
tert-Butanol	7.4	10	ND		
Diisopropyl ether (DIPE)	0.12	0.50	ND		
1,1-Dichloroethane	0.12	0.50	ND		
ETBE	0.064	0.50	ND		
cis-1,2-Dichloroethene	0.15	0.50	ND		
2,2-Dichloropropane	0.094	0.50	ND		
Bromochloromethane	0.15	0.50	ND		
Chloroform	0.12	0.50	ND		
Carbon Tetrachloride	0.16	0.50	ND		
1,1,1-Trichloroethane	0.16	0.50	ND		
1,1-Dichloropropene	0.19	0.50	ND		
Benzene	0.16	0.50	ND		
TAME	0.072	0.50	ND		
1,2-Dichloroethane	0.11	0.50	ND		
Trichloroethylene	0.15	0.50	ND		
Dibromomethane	0.11	0.50	ND		
1,2-Dichloropropane	0.089	0.50	ND		
Bromodichloromethane	0.076	0.50	ND		
cis-1,3-Dichloropropene	0.078	0.50	ND		
Toluene	0.14	0.50	ND		
Tetrachloroethylene	0.24	0.50	ND		
trans-1,3-Dichloropropene	0.22	0.50	ND		
1,1,2-Trichloroethane	0.076	0.50	ND		
Dibromochloromethane	0.18	0.50	ND		
1,3-Dichloropropane	0.22	0.50	ND		
1,2-Dibromoethane	0.079	0.50	ND		
Chlorobenzene	0.16	0.50	ND		
Ethyl Benzene	0.20	0.50	ND		
1,1,1,2-Tetrachloroethane	0.087	0.50	ND		
m,p-Xylene	0.39	1.0	ND		
o-Xylene	0.15	0.50	ND		



## MB Summary Report

Work Order:	1804107	Prep Method:	5030VOC	Prep Date:	04/13/18	Prep Batch:	1104312
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	431027
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.11	0.50	0.48		
Bromoform	0.076	0.50	ND		
Isopropyl Benzene	0.22	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
Bromobenzene	0.15	0.50	ND		
1,1,2,2-Tetrachloroethane	0.079	0.50	ND		
2-Chlorotoluene	0.25	0.50	ND		
1,3,5-Trimethylbenzene	0.24	0.50	ND		
1,2,3-Trichloropropane	0.15	0.50	ND		
4-Chlorotoluene	0.22	0.50	ND		
tert-Butylbenzene	0.26	0.50	ND		
1,2,4-Trimethylbenzene	0.23	0.50	ND		
sec-Butyl Benzene	0.30	0.50	ND		
p-Isopropyltoluene	0.27	0.50	ND		
1,3-Dichlorobenzene	0.17	0.50	ND		
1,4-Dichlorobenzene	0.18	0.50	ND		
n-Butylbenzene	0.27	0.50	ND		
1,2-Dichlorobenzene	0.16	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND		
Hexachlorobutadiene	0.62	2.0	ND		
1,2,4-Trichlorobenzene	0.93	2.0	1.2		
Naphthalene	1.2	2.0	1.9		
1,2,3-Trichlorobenzene	1.2	2.0	ND		
(S) Dibromofluoromethane			106		
(S) Toluene-d8			101		
(S) 4-Bromofluorobenzene			93.7		



## MB Summary Report

Work Order:	1804107	Prep Method:	5030VOC	Prep Date:	04/16/18	Prep Batch:	1104320
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	4/16/2018	Analytical Batch:	431032
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.26	0.50	ND		
Chloromethane	0.17	0.50	ND		
Vinyl Chloride	0.21	0.50	ND		
Bromomethane	0.21	0.50	ND		
Chloroethane	0.11	0.50	ND		
Trichlorofluoromethane	0.19	0.50	ND		
1,1-Dichloroethene	0.14	0.50	ND		
Freon 113	0.34	0.50	ND		
Methylene Chloride	0.13	0.50	ND		
trans-1,2-Dichloroethene	0.16	0.50	ND		
MTBE	0.077	0.50	ND		
tert-Butanol	7.4	10	ND		
Diisopropyl ether (DIPE)	0.12	0.50	ND		
1,1-Dichloroethane	0.12	0.50	ND		
ETBE	0.064	0.50	ND		
cis-1,2-Dichloroethene	0.15	0.50	ND		
2,2-Dichloropropane	0.094	0.50	ND		
Bromochloromethane	0.15	0.50	ND		
Chloroform	0.12	0.50	ND		
Carbon Tetrachloride	0.16	0.50	ND		
1,1,1-Trichloroethane	0.16	0.50	ND		
1,1-Dichloropropene	0.19	0.50	ND		
Benzene	0.16	0.50	ND		
TAME	0.072	0.50	ND		
1,2-Dichloroethane	0.11	0.50	ND		
Trichloroethylene	0.15	0.50	ND		
Dibromomethane	0.11	0.50	ND		
1,2-Dichloropropane	0.089	0.50	ND		
Bromodichloromethane	0.076	0.50	ND		
cis-1,3-Dichloropropene	0.078	0.50	ND		
Toluene	0.14	0.50	ND		
Tetrachloroethylene	0.24	0.50	ND		
trans-1,3-Dichloropropene	0.22	0.50	ND		
1,1,2-Trichloroethane	0.076	0.50	ND		
Dibromochloromethane	0.18	0.50	ND		
1,3-Dichloropropane	0.22	0.50	ND		
1,2-Dibromoethane	0.079	0.50	ND		
Chlorobenzene	0.16	0.50	ND		
Ethyl Benzene	0.20	0.50	ND		
1,1,1,2-Tetrachloroethane	0.087	0.50	ND		
m,p-Xylene	0.39	1.0	ND		
o-Xylene	0.15	0.50	ND		



## MB Summary Report

Work Order:	1804107	Prep Method:	5030VOC	Prep Date:	04/16/18	Prep Batch:	1104320
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	4/16/2018	Analytical Batch:	431032
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Styrene	0.11	0.50	0.48
Bromoform	0.076	0.50	ND
Isopropyl Benzene	0.22	0.50	ND
n-Propylbenzene	0.30	0.50	ND
Bromobenzene	0.15	0.50	ND
1,1,2,2-Tetrachloroethane	0.079	0.50	ND
2-Chlorotoluene	0.25	0.50	ND
1,3,5-Trimethylbenzene	0.24	0.50	ND
1,2,3-Trichloropropane	0.15	0.50	ND
4-Chlorotoluene	0.22	0.50	ND
tert-Butylbenzene	0.26	0.50	ND
1,2,4-Trimethylbenzene	0.23	0.50	ND
sec-Butyl Benzene	0.30	0.50	ND
p-Isopropyltoluene	0.27	0.50	ND
1,3-Dichlorobenzene	0.17	0.50	0.17
1,4-Dichlorobenzene	0.18	0.50	ND
n-Butylbenzene	0.27	0.50	ND
1,2-Dichlorobenzene	0.16	0.50	ND
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND
Hexachlorobutadiene	0.62	2.0	ND
1,2,4-Trichlorobenzene	0.93	2.0	1.3
Naphthalene	1.2	2.0	2.0
1,2,3-Trichlorobenzene	1.2	2.0	ND
(S) Dibromofluoromethane			110
(S) Toluene-d8			101
(S) 4-Bromofluorobenzene			94.3



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

Work Order:	1804107	Prep Method:	3510_PCB	Prep Date:	04/13/18	Prep Batch:	1104247
Matrix:	Water	Analytical Method:	SW8082A	Analyzed Date:	4/14/2018	Analytical Batch:	430982
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	0.70	10	ND	0.10	82.8	75.5	9.22	25 - 145	30	
Aroclor1260	0.50	10	ND	0.10	72.4	66.2	8.95	30 - 145	30	
TCMX (S)				0.10	107	98.0		70 - 125		
DCBP (S)				0.10	129	113		30 - 135		

Work Order:	1804107	Prep Method:	3510_TPH SG	Prep Date:	04/13/18	Prep Batch:	1104251
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	4/14/2018	Analytical Batch:	430983
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)	0.037	0.10	0.0421	1.0	62.9	65.9	4.66	52 - 115	30	
TPH as Motor Oil (SG)			ND	200				59 - 129		

Work Order:	1804107	Prep Method:	3510_PAHSIM	Prep Date:	04/13/18	Prep Batch:	1104274
Matrix:	Water	Analytical Method:	SW8270SIM	Analyzed Date:	4/14/2018	Analytical Batch:	431023
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.086	0.40	ND	5	82.0	84.6	3.12	45 - 110	30	
Pyrene	0.090	0.40	ND	5	88.5	85.8	3.21	45 - 125	30	
Nitrobenzene-d5 (S)				3000	61.8	62.1		35 - 100		
2-Fluorobiphenyl (S)				3000	62.3	65.1		45 - 105		
p-Terphenyl-d14 (S)				3000	73.5	71.5		30 - 125		



## LCS/LCSD Summary Report

Raw values are used in quality control assessment.

<b>Work Order:</b>	1804107	<b>Prep Method:</b>	3010B	<b>Prep Date:</b>	04/15/18	<b>Prep Batch:</b>	1104296
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	4/15/2018	<b>Analytical Batch:</b>	431015
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony (Dissolved)	0.0050	0.010	0.00670	1.0	105	103	1.92	80 - 120	20	
Arsenic (Dissolved)	0.0040	0.010	ND	1.0	101	101	0.000	80 - 120	20	
Barium (Dissolved)	0.00050	0.0050	ND	1.0	100	98.7	1.31	80 - 120	20	
Beryllium (Dissolved)	0.00020	0.0050	0.000400	1.0	102	101	0.985	80 - 120	20	
Cadmium (Dissolved)	0.0020	0.0050	ND	1.0	101	100	0.995	80 - 120	20	
Chromium (Dissolved)	0.00090	0.0050	ND	1.0	102	99.5	2.48	80 - 120	20	
Cobalt (Dissolved)	0.00050	0.0050	0.00110	1.0	101	100	0.995	80 - 120	20	
Copper (Dissolved)	0.0020	0.0050	ND	1.0	99.9	98.4	1.51	80 - 120	20	
Lead (Dissolved)	0.0040	0.010	ND	1.0	102	99.5	2.48	80 - 120	20	
Molybdenum (Dissolved)	0.0020	0.010	ND	1.0	101	99.8	1.20	80 - 120	20	
Nickel (Dissolved)	0.0020	0.0050	ND	1.0	101	100.	0.995	80 - 120	20	
Selenium (Dissolved)	0.0073	0.010	ND	1.0	101	101	0.000	80 - 120	20	
Silver (Dissolved)	0.0040	0.010	ND	1.0	103	101	1.96	80 - 120	20	
Thallium (Dissolved)	0.0040	0.015	0.0100	1.0	102	97.1	4.92	80 - 120	20	
Vanadium (Dissolved)	0.0010	0.0050	ND	1.0	102	100	1.98	80 - 120	20	
Zinc (Dissolved)	0.0020	0.0050	ND	1.0	103	99.9	3.06	80 - 120	20	

<b>Work Order:</b>	1804107	<b>Prep Method:</b>	5030GRO	<b>Prep Date:</b>	04/12/18	<b>Prep Batch:</b>	1104304
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/12/2018	<b>Analytical Batch:</b>	430972
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	116	119	2.14	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	95.5	95.3		41.5 - 125		

<b>Work Order:</b>	1804107	<b>Prep Method:</b>	7470AP	<b>Prep Date:</b>	04/15/18	<b>Prep Batch:</b>	1104305
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW7470A	<b>Analyzed Date:</b>	4/16/2018	<b>Analytical Batch:</b>	431039
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury (Dissolved)	0.00013	0.00020	0.00013	0.015	109	111	1.21	80 - 120	20	



## LCS/LCSD Summary Report

Raw values are used in quality control assessment.

<b>Work Order:</b>	1804107	<b>Prep Method:</b>	5030GRO	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104309
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/13/2018	<b>Analytical Batch:</b>	431027
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	100	87.0	13.9	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	96.6	89.3		41.5 - 125		

<b>Work Order:</b>	1804107	<b>Prep Method:</b>	5030VOC	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104312
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/13/2018	<b>Analytical Batch:</b>	431027
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	83.5	78.4	6.23	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	92.2	90.9	1.83	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	101	93.7	8.05	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	99.4	93.3	6.38	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	94.6	91.1	3.61	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	94.8	92.1		61.2 - 131		
(S) Toluene-d8				17.9	96.8	91.5		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	88.6	84.8		64.1 - 120		

<b>Work Order:</b>	1804107	<b>Prep Method:</b>	5030VOC	<b>Prep Date:</b>	04/16/18	<b>Prep Batch:</b>	1104320
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/16/2018	<b>Analytical Batch:</b>	431032
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	87.9	83.7	5.23	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	92.0	89.7	2.47	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	101	101	0.000	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	96.6	94.8	2.34	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	94.1	93.0	1.20	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	96.9	96.5		61.2 - 131		
(S) Toluene-d8				17.9	96.0	95.5		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	89.0	89.4		64.1 - 120		



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -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.
<b>Duplicate</b> - 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)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - 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.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ)</b> - 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.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - 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
<b>Tentatively Identified Compound (TIC)</b> - 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.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m3</b> , <b>mg/m3</b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % ( equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> (concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<b>B</b> - Indicates when the analyte is found in the associated method or preparation blank
<b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample
<b>E</b> - 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.
<b>H</b> - Indicates that the recommended holding time for the analyte or compound has been exceeded
<b>J</b> - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather than quantitative
<b>NA</b> - Not Analyzed
<b>N/A</b> - Not Applicable
<b>ND</b> - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
<b>NR</b> - 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
<b>R</b> - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
<b>S</b> - 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
<b>X</b> -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: 4/11/2018 2:35:00PM

Project Name: Lot D

Received By: ke

Work Order No.: 1804107

Physically Logged By: Navin Ghodasara

Checklist Completed By: Navin Ghodasara

Carrier Name: Client Drop Off

### 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/cooler?	<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: <u>5.0</u> °C
Water-VOA vials have zero headspace?	<u>Yes</u>	
Water-pH acceptable upon receipt?	<u>No</u>	
pH Checked by: <u>Navin Ghodasara</u>	pH Adjusted by: <u>Navin Ghodasara</u>	

### Comments:



## Login Summary Report

**Client ID:** TL5123      **Engeo (San Ramon)**      **QC Level:** II  
**Project Name:** Lot D      **TAT Requested:** 3 Day Std:3  
**Project # :** 14121.000.000      **Date Received:** 4/11/2018  
**Report Due Date:** 4/16/2018      **Time Received:** 2:35 pm

**Comments:**

**Work Order # :** **1804107**

<b>WO Sample ID</b>	<b>Client Sample ID</b>	<b>Collection Date/Time</b>	<b>Matrix</b>	<b>Scheduled Disposal</b>	<b>Sample On Hold</b>	<b>Test On Hold</b>	<b>Requested Tests</b>	<b>Subbed</b>
1804107-001A	D-2 GWS	04/11/18 9:30	Water	05/26/18			VOC_W_GRO VOC_W_8260B	
1804107-001B	D-2 GWS	04/11/18 9:30	Water	05/26/18			TPHDOSG_W_8015B PCBs_W_8082A PAHSIM_W_8270	
<b>Sample Note:</b>	There are 4 1L ambers for this sample. Pls use the partially filled bottle for PCBs & use the full bottles for TPH, SVOCs (save the last one in case re-extraction is needed)							
1804107-001C	D-2 GWS	04/11/18 9:30	Water	05/26/18			Hg_W_7470ADis Met_6010BDiss CAM17	
<b>Sample Note:</b>								
1804107-002A	D-1 GWS	04/11/18 12:00	Water	05/26/18			VOC_W_GRO VOC_W_8260B	
1804107-002B	D-1 GWS	04/11/18 12:00	Water	05/26/18			TPHDOSG_W_8015B	



## CHAIN OF CUSTODY RECORD

1804107

PROJECT NUMBER 1421.000.000	PROJECT NAME Lot D											
SAMPLER BY: (SIGNATURE/PRINT) Robert Peck						REMARKS REQUIRED DETECTION LIMITS						
PROJECT MANAGER: (SIGNATURE/PRINT) Divya												
ROUTING E-MAIL rpeck@engeo.com dbhargava@engeo.com												
SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	TPH-g + VOCs	PAHs (SIM)	PCBs	CAM-17	TPH-o/mo (w/SC)	
D-2 GWS	4-11-18	9:30	GW	7	1L Amber x4 10ml VOA x3 HCl		X	X	X	X	X	-001A/B/C
D-1 GWS	4-11-18	12:00	GW	4	1L Amber x1 40ml VOA x3 HCl		X			X	X	-001A/B
RELINQUISHED BY: (SIGNATURE)	DATE/TIME		RECEIVED BY: (SIGNATURE)		RELINQUISHED BY: (SIGNATURE)		DATE/TIME	RECEIVED BY: (SIGNATURE)				
	4-11-18 14:35		Kathy P/B									
RELINQUISHED BY: (SIGNATURE)	DATE/TIME		RECEIVED BY: (SIGNATURE)		RELINQUISHED BY: (SIGNATURE)		DATE/TIME	RECEIVED BY: (SIGNATURE)				
RELINQUISHED BY: (SIGNATURE)	DATE/TIME		RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE/TIME		REMARKS					
2010 CROW CANYON PLACE SUITE 250 SAN RAMON, CALIFORNIA 94583 (925) 866-9000 FAX (888) 279-2698 WWW.ENGEO.COM												
Standard TAT <small>DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT. COPY TO PROJECT FIELD FILES</small>												

**ENGEO**  
INCORPORATED

2010 CROW CANYON PLACE SUITE 250  
 SAN RAMON, CALIFORNIA 94583  
 (925) 866-9000 FAX (888) 279-2698  
 WWW.ENGEO.COM

Temp=5°C #2



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

RE: Lot D

Work Order No.: 1804109 Rev: 2

Dear Divya Bhargava:

Torrent Laboratory, Inc. received 19 sample(s) on April 11, 2018 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 "Belinda Vega".

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Belinda Vega  
Vice President of Operations

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May 01, 2018

Date



Date: 5/1/2018

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**Client:** Engeo (San Ramon)

**Project:** Lot D

**Work Order:** 1804109

## CASE NARRATIVE

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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 6010B, 1804109-001A MS/MSD, QC Analytical Preparation ID 1104230, Note: The MS/MSD did not meet acceptance criteria. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.

Analytical Comments for method 8270CSIM, 1804109-001A MS/MSD, QC Analytical Preparation ID 1104230, Note: The % recoveries and % RPD for Pyrene did not meet acceptance criteria. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.

## REVISIONS

Report revised to include STLC data.

### STLC

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours (+/- 4 hours).

Date Prepared: 4/25/18 at 11:25 to 4/27/18 at 9:10

Rev. 1 (4/24/18)

Report revised to include TCLP data.

### TCLP

Note: Extraction of 100 g sample/2000 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311TCLP) which was rotated in a rotary shaker@ 32 RPM for 18 hours (+/- 2 hours).

Date Prepared: 5/3/18 at 5:10 PM to 5/4/18 at 10:30 AM



Rev. 2 (5/4/18)



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon) **Date Received:** 04/11/18  
**Date Reported:** 05/01/18

D-1S @ 1'

1804109-001

<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>	<b>Unit</b>
Arsenic	SW6010B	1	0.15	3.00	3.17	mg/Kg
Barium	SW6010B	1	0.055	5.00	148	mg/Kg
Chromium	SW6010B	1	0.075	5.00	55.1	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	12.3	mg/Kg
Copper	SW6010B	1	0.20	5.00	48.7	mg/Kg
Lead	SW6010B	1	0.10	1.30	254	mg/Kg
Nickel	SW6010B	1	0.50	5.00	70.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	43.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	123	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.400	mg/L
Lead (STLC)	SW6010B	1	0.050	0.20	178	mg/L
Mercury	SW7471B	1	0.083	0.50	0.94	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	4.84	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	21.5	mg/Kg
Naphthalene	SW8270C	2	1.0	7.9	5.0	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.45	7.9	4.6	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.37	7.9	7.0	ug/Kg
Acenaphthylene	SW8270C	2	0.37	7.9	3.6	ug/Kg
Acenaphthene	SW8270C	2	0.32	7.9	3.0	ug/Kg
Fluorene	SW8270C	2	0.54	7.9	3.7	ug/Kg
Phenanthrene	SW8270C	2	1.2	7.9	19	ug/Kg
Anthracene	SW8270C	2	1.1	7.9	6.0	ug/Kg
Fluoranthene	SW8270C	2	1.1	7.9	13	ug/Kg
Pyrene	SW8270C	2	1.1	7.9	18	ug/Kg
Benz[a]anthracene	SW8270C	2	0.93	7.9	11	ug/Kg
Chrysene	SW8270C	2	0.98	7.9	18	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	16	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	9.7	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.57	7.9	9.9	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	7.7	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	5.8	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	11	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon) **Date Received:** 04/11/18  
**Date Reported:** 05/01/18

D-1S @ 5'

1804109-002

<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>	<b>Unit</b>
Arsenic	SW6010B	1	0.15	3.00	55.0	mg/Kg
Barium	SW6010B	1	0.055	5.00	108	mg/Kg
Chromium	SW6010B	1	0.075	5.00	91.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	10.2	mg/Kg
Copper	SW6010B	1	0.20	5.00	99.0	mg/Kg
Lead	SW6010B	1	0.10	1.30	7.15	mg/Kg
Nickel	SW6010B	1	0.50	5.00	109	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	42.8	mg/Kg
Zinc	SW6010B	1	0.30	5.00	142	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.207	mg/L
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.34	mg/Kg
Naphthalene	SW8270C	1	0.51	4.0	19	ug/Kg
2-Methylnaphthalene	SW8270C	1	0.22	4.0	33	ug/Kg
1-Methylnaphthalene	SW8270C	1	0.18	4.0	33	ug/Kg
Acenaphthylene	SW8270C	1	0.19	4.0	31	ug/Kg
Acenaphthene	SW8270C	1	0.16	4.0	35	ug/Kg
Fluorene	SW8270C	1	0.27	4.0	37	ug/Kg
Phenanthrene	SW8270C	1	0.59	4.0	45	ug/Kg
Anthracene	SW8270C	1	0.53	4.0	46	ug/Kg
Fluoranthene	SW8270C	1	0.53	4.0	41	ug/Kg
Pyrene	SW8270C	1	0.55	4.0	56	ug/Kg
Benz[a]anthracene	SW8270C	1	0.46	4.0	50	ug/Kg
Chrysene	SW8270C	1	0.49	4.0	57	ug/Kg
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	54	ug/Kg
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	58	ug/Kg
Benzo[a]pyrene	SW8270C	1	0.28	4.0	49	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	50	ug/Kg
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	51	ug/Kg
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	48	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon) **Date Received:** 04/11/18  
**Date Reported:** 05/01/18

D-1S @ 10'

1804109-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	0.055	5.00	153	mg/Kg
Chromium	SW6010B	1	0.075	5.00	43.4	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	16.8	mg/Kg
Copper	SW6010B	1	0.20	5.00	25.2	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.85	mg/Kg
Nickel	SW6010B	1	0.50	5.00	54.7	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	70.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	47.4	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.63	mg/Kg
Naphthalene	SW8270C	2	1.0	7.9	1.3	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.45	7.9	0.96	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.37	7.9	0.74	ug/Kg
Acenaphthylene	SW8270C	2	0.37	7.9	0.49	ug/Kg
Acenaphthene	SW8270C	2	0.32	7.9	0.61	ug/Kg
Fluorene	SW8270C	2	0.54	7.9	0.65	ug/Kg
Phenanthrene	SW8270C	2	1.2	7.9	4.2	ug/Kg
Anthracene	SW8270C	2	1.1	7.9	1.3	ug/Kg
Fluoranthene	SW8270C	2	1.1	7.9	1.7	ug/Kg
Pyrene	SW8270C	2	1.1	7.9	2.3	ug/Kg
Benz[a]anthracene	SW8270C	2	0.93	7.9	2.9	ug/Kg
Chrysene	SW8270C	2	0.98	7.9	4.3	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	4.1	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.3	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.8	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	1.8	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	1.5	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	4.5	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon) **Date Received:** 04/11/18  
**Date Reported:** 05/01/18

D-2S @ 1.5'

1804109-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	3.00	4.16	mg/Kg
Barium	SW6010B	1	0.055	5.00	178	mg/Kg
Chromium	SW6010B	1	0.075	5.00	39.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	11.1	mg/Kg
Copper	SW6010B	1	0.20	5.00	25.3	mg/Kg
Lead	SW6010B	1	0.10	1.30	138	mg/Kg
Nickel	SW6010B	1	0.50	5.00	50.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	32.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	42.6	mg/Kg
Lead (STLC)	SW6010B	1	0.050	0.20	17.5	mg/L
Mercury	SW7471B	1	0.083	0.50	0.71	mg/Kg
TPH as Diesel (SG)	SW8015B	5	4.3	10	20.2	mg/Kg
TPH as Motor Oil (SG)	SW8015B	5	16	50	273	mg/Kg
Naphthalene	SW8270C	20	28	220	31	ug/Kg
2-Methylnaphthalene	SW8270C	20	12	220	20	ug/Kg
1-Methylnaphthalene	SW8270C	20	10	220	25	ug/Kg
Acenaphthylene	SW8270C	20	10	220	16	ug/Kg
Acenaphthene	SW8270C	20	9.0	220	13	ug/Kg
Phenanthrene	SW8270C	20	33	220	160	ug/Kg
Anthracene	SW8270C	20	29	220	48	ug/Kg
Fluoranthene	SW8270C	20	30	220	160	ug/Kg
Pyrene	SW8270C	20	30	220	210	ug/Kg
Benz[a]anthracene	SW8270C	20	26	220	140	ug/Kg
Chrysene	SW8270C	20	27	220	210	ug/Kg
Benzo[b]fluoranthene	SW8270C	20	14	220	190	ug/Kg
Benzo[k]fluoranthene	SW8270C	20	13	220	100	ug/Kg
Benzo[a]pyrene	SW8270C	20	16	220	120	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	20	12	220	100	ug/Kg
Dibenz[a,h]anthracene	SW8270C	20	15	220	56	ug/Kg
Benzo[g,h,i]perylene	SW8270C	20	15	220	150	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
**Date Received:** 04/11/18  
 Engeo (San Ramon) **Date Reported:** 05/01/18

D-2S @ 5'

1804109-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	3.00	3.59	mg/Kg
Barium	SW6010B	1	0.055	5.00	187	mg/Kg
Chromium	SW6010B	1	0.075	5.00	46.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	9.89	mg/Kg
Copper	SW6010B	1	0.20	5.00	77.0	mg/Kg
Lead	SW6010B	1	0.10	1.30	4.60	mg/Kg
Nickel	SW6010B	1	0.50	5.00	68.9	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	27.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	165	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.56	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	30.4	mg/Kg
2-Methylnaphthalene	SW8270C	2	0.45	7.9	1.0	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.37	7.9	1.5	ug/Kg
Acenaphthylene	SW8270C	2	0.37	7.9	0.65	ug/Kg
Acenaphthene	SW8270C	2	0.32	7.9	0.71	ug/Kg
Fluorene	SW8270C	2	0.54	7.9	0.80	ug/Kg
Phenanthrene	SW8270C	2	1.2	7.9	3.8	ug/Kg
Anthracene	SW8270C	2	1.1	7.9	1.4	ug/Kg
Fluoranthene	SW8270C	2	1.1	7.9	1.3	ug/Kg
Pyrene	SW8270C	2	1.1	7.9	1.8	ug/Kg
Benz[a]anthracene	SW8270C	2	0.93	7.9	3.1	ug/Kg
Chrysene	SW8270C	2	0.98	7.9	4.4	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	3.4	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.5	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.8	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	2.1	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	2.1	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	2.7	ug/Kg

D-2S @ 10'

1804109-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	0.055	5.00	103	mg/Kg
Chromium	SW6010B	1	0.075	5.00	36.3	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	8.46	mg/Kg
Copper	SW6010B	1	0.20	5.00	28.2	mg/Kg
Lead	SW6010B	1	0.10	1.30	4.80	mg/Kg
Nickel	SW6010B	1	0.50	5.00	44.8	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	30.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	53.8	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.40	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	10.0	mg/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon) **Date Received:** 04/11/18  
**Date Reported:** 05/01/18

D-3S @ 1'

1804109-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	0.055	5.00	129	mg/Kg
Chromium	SW6010B	1	0.075	5.00	36.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	10.0	mg/Kg
Copper	SW6010B	1	0.20	5.00	16.9	mg/Kg
Lead	SW6010B	1	0.10	1.30	68.8	mg/Kg
Nickel	SW6010B	1	0.50	5.00	42.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	38.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	39.4	mg/Kg
Lead (STLC)	SW6010B	1	0.050	0.20	6.79	mg/L
TPH as Diesel (SG)	SW8015B	3	5.1	12	18.6	mg/Kg
TPH as Motor Oil (SG)	SW8015B	3	19	60	560	mg/Kg
2-Methylnaphthalene	SW8270C	40	25	440	29	ug/Kg
1-Methylnaphthalene	SW8270C	40	21	440	55	ug/Kg
Phenanthrene	SW8270C	40	66	440	130	ug/Kg
Fluoranthene	SW8270C	40	59	440	95	ug/Kg
Pyrene	SW8270C	40	61	440	140	ug/Kg
Benz[a]anthracene	SW8270C	40	51	440	150	ug/Kg
Chrysene	SW8270C	40	55	440	250	ug/Kg
Benzo[b]fluoranthene	SW8270C	40	27	440	180	ug/Kg
Benzo[k]fluoranthene	SW8270C	40	25	440	120	ug/Kg
Benzo[a]pyrene	SW8270C	40	32	440	110	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	40	24	440	120	ug/Kg
Dibenz[a,h]anthracene	SW8270C	40	31	440	90	ug/Kg
Benzo[g,h,i]perylene	SW8270C	40	30	440	180	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
**Date Received:** 04/11/18  
 Engeo (San Ramon) **Date Reported:** 05/01/18  
**D-3S @ 5'** **1804109-008**

<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>	<b>Unit</b>
TPH(Gasoline)	8260TPH	1	43	100	114	ug/Kg
Barium	SW6010B	1	0.055	5.00	206	mg/Kg
Chromium	SW6010B	1	0.075	5.00	41.6	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	15.1	mg/Kg
Copper	SW6010B	1	0.20	5.00	60.8	mg/Kg
Lead	SW6010B	1	0.10	1.30	8.75	mg/Kg
Nickel	SW6010B	1	0.50	5.00	52.9	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	42.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	87.4	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	3.58	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	45.5	mg/Kg
Naphthalene	SW8270C	2	1.0	7.9	3.7	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.45	7.9	2.6	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.37	7.9	2.4	ug/Kg
Fluorene	SW8270C	2	0.54	7.9	1.1	ug/Kg
Phenanthrene	SW8270C	2	1.2	7.9	12	ug/Kg
Anthracene	SW8270C	2	1.1	7.9	1.2	ug/Kg
Fluoranthene	SW8270C	2	1.1	7.9	2.9	ug/Kg
Pyrene	SW8270C	2	1.1	7.9	3.2	ug/Kg
Benz[a]anthracene	SW8270C	2	0.93	7.9	2.8	ug/Kg
Chrysene	SW8270C	2	0.98	7.9	7.0	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	5.8	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.1	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.4	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	1.9	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	1.8	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	2.6	ug/Kg

<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>	<b>Unit</b>
Barium	SW6010B	1	0.055	5.00	83.1	mg/Kg
Chromium	SW6010B	1	0.075	5.00	51.8	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	9.22	mg/Kg
Copper	SW6010B	1	0.20	5.00	37.1	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.80	mg/Kg
Nickel	SW6010B	1	0.50	5.00	65.3	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	39.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	70.0	mg/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon) **Date Received:** 04/11/18  
**Date Reported:** 05/01/18

D-1 GWS @ 2.5'

1804109-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Antimony	SW6010B	1	0.050	5.00	5.70	mg/Kg
Arsenic	SW6010B	1	0.15	3.00	3.86	mg/Kg
Barium	SW6010B	1	0.055	5.00	178	mg/Kg
Chromium	SW6010B	1	0.075	5.00	37.9	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	16.9	mg/Kg
Copper	SW6010B	1	0.20	5.00	21.9	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.80	mg/Kg
Nickel	SW6010B	1	0.50	5.00	48.5	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	34.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	41.9	mg/Kg
Mercury	SW7471B	1	0.083	0.50	0.76	mg/Kg
TPH as Diesel (SG)	SW8015B	10	8.5	20	90.8	mg/Kg
TPH as Motor Oil (SG)	SW8015B	10	32	100	768	mg/Kg
2-Methylnaphthalene	SW8270C	25	16	280	16	ug/Kg
1-Methylnaphthalene	SW8270C	25	13	280	19	ug/Kg
Phenanthrene	SW8270C	25	41	280	130	ug/Kg
Anthracene	SW8270C	25	37	280	38	ug/Kg
Fluoranthene	SW8270C	25	37	280	120	ug/Kg
Pyrene	SW8270C	25	38	280	140	ug/Kg
Benz[a]anthracene	SW8270C	25	32	280	110	ug/Kg
Chrysene	SW8270C	25	34	280	210	ug/Kg
Benzo[b]fluoranthene	SW8270C	25	17	280	160	ug/Kg
Benzo[k]fluoranthene	SW8270C	25	16	280	88	ug/Kg
Benzo[a]pyrene	SW8270C	25	20	280	89	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	25	15	280	86	ug/Kg
Dibenz[a,h]anthracene	SW8270C	25	19	280	64	ug/Kg
Benzo[g,h,i]perylene	SW8270C	25	19	280	140	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
**Date Received:** 04/11/18  
**Engeo (San Ramon)**  
**Date Reported:** 05/01/18

D-1 GWS @ 5'

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	3.00	6.93	mg/Kg
Barium	SW6010B	1	0.055	5.00	166	mg/Kg
Chromium	SW6010B	1	0.075	5.00	88.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.3	mg/Kg
Copper	SW6010B	1	0.20	5.00	191	mg/Kg
Lead	SW6010B	1	0.10	1.30	303	mg/Kg
Nickel	SW6010B	1	0.50	5.00	143	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	38.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	287	mg/Kg
Chromium (STLC)	SW6010B	1	0.010	0.20	0.263	mg/L
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	4.00	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	64.2	mg/Kg
Naphthalene	SW8270C	2	1.0	7.9	1.3	ug/Kg
2-Methylnaphthalene	SW8270C	2	0.45	7.9	1.7	ug/Kg
1-Methylnaphthalene	SW8270C	2	0.37	7.9	1.4	ug/Kg
Fluorene	SW8270C	2	0.54	7.9	0.66	ug/Kg
Phenanthrene	SW8270C	2	1.2	7.9	12	ug/Kg
Fluoranthene	SW8270C	2	1.1	7.9	1.9	ug/Kg
Pyrene	SW8270C	2	1.1	7.9	2.4	ug/Kg
Benz[a]anthracene	SW8270C	2	0.93	7.9	2.5	ug/Kg
Chrysene	SW8270C	2	0.98	7.9	8.4	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	6.2	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.2	ug/Kg
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.5	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	2.1	ug/Kg
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	2.0	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	3.0	ug/Kg

D-1 GWS @ 10'

1804109-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	0.055	5.00	83.9	mg/Kg
Chromium	SW6010B	1	0.075	5.00	53.6	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	11.0	mg/Kg
Copper	SW6010B	1	0.20	5.00	33.9	mg/Kg
Lead	SW6010B	1	0.10	1.30	9.70	mg/Kg
Nickel	SW6010B	1	0.50	5.00	66.2	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	59.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	68.6	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	3.12	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	13.7	mg/Kg



## Sample Result Summary

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date Received: 04/11/18

Date Reported: 05/01/18

1804109-013

D-1 GWS @ 15'

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	3.00	11.1	mg/Kg
Barium	SW6010B	1	0.055	5.00	104	mg/Kg
Chromium	SW6010B	1	0.075	5.00	43.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	12.1	mg/Kg
Copper	SW6010B	1	0.20	5.00	28.3	mg/Kg
Lead	SW6010B	1	0.10	1.30	17.4	mg/Kg
Nickel	SW6010B	1	0.50	5.00	58.7	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	43.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	47.6	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.74	mg/Kg
Phenanthrene	SW8270C	1	0.59	4.0	4.3	ug/Kg

D-1 GWS @ 20'

1804109-014

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	0.055	5.00	74.5	mg/Kg
Chromium	SW6010B	1	0.075	5.00	47.2	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	9.41	mg/Kg
Copper	SW6010B	1	0.20	5.00	34.8	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.20	mg/Kg
Nickel	SW6010B	1	0.50	5.00	70.3	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	28.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	59.9	mg/Kg
Phenanthrene	SW8270C	1	0.59	4.0	4.4	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
**Date Received:** 04/11/18  
**Engeo (San Ramon)**  
**Date Reported:** 05/01/18

D-2 GWS @ 3.5'

1804109-015

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	0.055	5.00	164	mg/Kg
Chromium	SW6010B	1	0.075	5.00	37.9	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	16.5	mg/Kg
Copper	SW6010B	1	0.20	5.00	20.7	mg/Kg
Lead	SW6010B	1	0.10	1.30	4.90	mg/Kg
Nickel	SW6010B	1	0.50	5.00	47.8	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	34.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	40.9	mg/Kg
Mercury	SW7471B	1	0.083	0.50	0.57	mg/Kg
TPH as Diesel (SG)	SW8015B	10	8.5	20	48.3	mg/Kg
TPH as Motor Oil (SG)	SW8015B	10	32	100	841	mg/Kg
2-Methylnaphthalene	SW8270C	20	12	220	13	ug/Kg
1-Methylnaphthalene	SW8270C	20	10	220	24	ug/Kg
Acenaphthylene	SW8270C	20	10	220	12	ug/Kg
Phenanthrene	SW8270C	20	33	220	170	ug/Kg
Anthracene	SW8270C	20	29	220	42	ug/Kg
Fluoranthene	SW8270C	20	30	220	220	ug/Kg
Pyrene	SW8270C	20	30	220	270	ug/Kg
Benz[a]anthracene	SW8270C	20	26	220	170	ug/Kg
Chrysene	SW8270C	20	27	220	280	ug/Kg
Benzo[b]fluoranthene	SW8270C	20	14	220	240	ug/Kg
Benzo[k]fluoranthene	SW8270C	20	13	220	120	ug/Kg
Benzo[a]pyrene	SW8270C	20	16	220	160	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	20	12	220	110	ug/Kg
Dibenz[a,h]anthracene	SW8270C	20	15	220	56	ug/Kg
Benzo[g,h,i]perylene	SW8270C	20	15	220	160	ug/Kg

D-2 GWS @ 5'

1804109-016

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	3.00	7.54	mg/Kg
Barium	SW6010B	1	0.055	5.00	418	mg/Kg
Chromium	SW6010B	1	0.075	5.00	57.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	17.8	mg/Kg
Copper	SW6010B	1	0.20	5.00	405	mg/Kg
Lead	SW6010B	1	0.10	1.30	244	mg/Kg
Nickel	SW6010B	1	0.50	5.00	165	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	33.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	465	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	3.67	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	32.7	mg/Kg
Phenanthrene	SW8270C	1	0.59	4.0	5.2	ug/Kg



## Sample Result Summary

**Report prepared for:** Divya Bhargava  
**Date Received:** 04/11/18  
 Engeo (San Ramon) **Date Reported:** 05/01/18

D-2 GWS @ 10'

<u>Parameters:</u>	<u>Analysis Method</u>	DF	MDL	PQL	Results	Unit
Barium	SW6010B	1	0.055	5.00	102	mg/Kg
Chromium	SW6010B	1	0.075	5.00	43.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	10.8	mg/Kg
Copper	SW6010B	1	0.20	5.00	28.3	mg/Kg
Lead	SW6010B	1	0.10	1.30	8.90	mg/Kg
Nickel	SW6010B	1	0.50	5.00	67.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	46.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	55.6	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.92	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	12.9	mg/Kg

D-2 GWS @ 15'

1804109-018

<u>Parameters:</u>	<u>Analysis Method</u>	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	7.40	mg/Kg
Barium	SW6010B	1	0.055	5.00	56.8	mg/Kg
Chromium	SW6010B	1	0.075	5.00	47.4	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	5.61	mg/Kg
Copper	SW6010B	1	0.20	5.00	26.8	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.25	mg/Kg
Nickel	SW6010B	1	0.50	5.00	50.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	19.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	50.8	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	2.13	mg/Kg

D-2 GWS @ 20'

1804109-019

<u>Parameters:</u>	<u>Analysis Method</u>	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	43	100	521	ug/Kg
Barium	SW6010B	1	0.055	5.00	32.4	mg/Kg
Chromium	SW6010B	1	0.075	5.00	39.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.65	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.3	mg/Kg
Lead	SW6010B	1	0.10	1.30	3.35	mg/Kg
Nickel	SW6010B	1	0.50	5.00	36.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	27.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	33.4	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	3.69	mg/Kg
Naphthalene	SW8270C	1	0.51	4.0	6.9	ug/Kg
Phenanthrene	SW8270C	1	0.59	4.0	10	ug/Kg
Chrysene	SW8270C	1	0.49	4.0	4.3	ug/Kg
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	4.5	ug/Kg



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 1'	<b>Lab Sample ID:</b>	1804109-001A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:15		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
Parameters:	Analysis Method	DF	MDL	PQL
Mercury	SW7471B	1	0.083	0.50



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-S @ 1'	Lab Sample ID:	1804109-001A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:15		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	11:44	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	<b>3.17</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>148</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	11:44	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	11:44	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>55.1</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>12.3</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>48.7</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>254</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	11:44	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>70.1</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	11:44	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	11:44	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	11:44	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>43.6</b>		mg/Kg	04/13/18	11:44	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>123</b>		mg/Kg	04/13/18	11:44	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 1'	<b>Lab Sample ID:</b>	1804109-001A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:15		
<b>SDG:</b>			

<b>Prep Method:</b>	WET/3010B	<b>Prep Batch Date/Time:</b>	4/27/18	11:30:00AM
<b>Prep Batch ID:</b>	1104609	<b>Prep Analyst:</b>	PPATEL	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1S @ 1'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:15  
**SDG:**

**Lab Sample ID:** 1804109-001A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 1311/3010B	<b>Prep Batch Date/Time:</b> 5/4/18 12:00:00PM
<b>Prep Batch ID:</b> 1104757	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	05/04/18	2:12	PPATEL	431439



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 1'	Lab Sample ID:	1804109-001A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:15		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18 1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Naphthalene	SW8270C	2	1.0	7.9	5.0	J	ug/Kg	04/12/18 16:32	MT	430957
2-Methylnaphthalene	SW8270C	2	0.45	7.9	4.6	J	ug/Kg	04/12/18 16:32	MT	430957
1-Methylnaphthalene	SW8270C	2	0.37	7.9	7.0	J	ug/Kg	04/12/18 16:32	MT	430957
Acenaphthylene	SW8270C	2	0.37	7.9	3.6	J	ug/Kg	04/12/18 16:32	MT	430957
Acenaphthene	SW8270C	2	0.32	7.9	3.0	J	ug/Kg	04/12/18 16:32	MT	430957
Fluorene	SW8270C	2	0.54	7.9	3.7	J	ug/Kg	04/12/18 16:32	MT	430957
Phenanthrene	SW8270C	2	1.2	7.9	19		ug/Kg	04/12/18 16:32	MT	430957
Anthracene	SW8270C	2	1.1	7.9	6.0	J	ug/Kg	04/12/18 16:32	MT	430957
Fluoranthene	SW8270C	2	1.1	7.9	13		ug/Kg	04/12/18 16:32	MT	430957
Pyrene	SW8270C	2	1.1	7.9	18		ug/Kg	04/12/18 16:32	MT	430957
Benz[a]anthracene	SW8270C	2	0.93	7.9	11		ug/Kg	04/12/18 16:32	MT	430957
Chrysene	SW8270C	2	0.98	7.9	18		ug/Kg	04/12/18 16:32	MT	430957
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	16		ug/Kg	04/12/18 16:32	MT	430957
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	9.7		ug/Kg	04/12/18 16:32	MT	430957
Benzo[a]pyrene	SW8270C	2	0.57	7.9	9.9		ug/Kg	04/12/18 16:32	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	7.7	J	ug/Kg	04/12/18 16:32	MT	430957
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	5.8	J	ug/Kg	04/12/18 16:32	MT	430957
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	11		ug/Kg	04/12/18 16:32	MT	430957
Acceptance Limits										
2-Fluorobiphenyl (S)	SW8270C	45 - 125		70		%	04/12/18 16:32	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		80		%	04/12/18 16:32	MT	430957	

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 1'	<b>Lab Sample ID:</b>	1804109-001A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	20:18	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	20:18	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	20:18	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	20:18	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	20:18	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	20:18	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	20:18	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		101		%	04/13/18	20:18	mk	430980
DCBP (S)	SW8082A		48 - 135		99.0		%	04/13/18	20:18	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 1'	<b>Lab Sample ID:</b>	1804109-001A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:15		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	4.84	x	mg/Kg	04/13/18	16:02	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	21.5		mg/Kg	04/13/18	16:02	mk	430981
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			101		%	04/13/18	16:02	mk	430981

**NOTE:** x- Diesel result due to over-lapping of oil range organics and presence of discrete peaks within diesel quantified range.



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 1'	Lab Sample ID:	1804109-001A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:15		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/13/18	17:19	NP	430986
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:19	NP	430986
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:19	NP	430986
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/13/18	17:19	NP	430986
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	17:19	NP	430986
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:19	NP	430986
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	17:19	NP	430986
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	17:19	NP	430986
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:19	NP	430986
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:19	NP	430986



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 1'	Lab Sample ID:	1804109-001A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:15		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:19	NP	430986
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/13/18	17:19	NP	430986
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:19	NP	430986
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:19	NP	430986
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	17:19	NP	430986
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:19	NP	430986
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	17:19	NP	430986
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:19	NP	430986
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:19	NP	430986
(S) Dibromofluoromethane	SW8260B		59.8 - 148		106		%	04/13/18	17:19	NP	430986
(S) Toluene-d8	SW8260B		55.2 - 133		106		%	04/13/18	17:19	NP	430986
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		116		%	04/13/18	17:19	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 1'	<b>Lab Sample ID:</b>	1804109-001A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:15		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 10:24:00AM
<b>Prep Batch ID:</b> 1104256	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/13/18	17:19	NP	430986
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		72.0		%	04/13/18	17:19	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1S @ 5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:20  
**SDG:**

**Lab Sample ID:** 1804109-002A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:11	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-S @ 5'	Lab Sample ID:	1804109-002A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:20		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:03	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	<b>55.0</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>108</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:03	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:03	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>91.7</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>10.2</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>99.0</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>7.15</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:03	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>109</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:03	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:03	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:03	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>42.8</b>		mg/Kg	04/13/18	20:03	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>142</b>		mg/Kg	04/13/18	20:03	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 5'	<b>Lab Sample ID:</b>	1804109-002A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:20		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 4/27/18 11:30:00AM
<b>Prep Batch ID:</b> 1104609	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic (STLC)	SW6010B	1	0.20	0.40	ND		mg/L	04/27/18	13:08	PPATEL	431319
Chromium (STLC)	SW6010B	1	0.010	0.20	0.207		mg/L	04/27/18	13:08	PPATEL	431319



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 5'	Lab Sample ID:	1804109-002A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:20		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18 1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	19		ug/Kg	04/12/18	16:52	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	33		ug/Kg	04/12/18	16:52	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	33		ug/Kg	04/12/18	16:52	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	31		ug/Kg	04/12/18	16:52	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	35		ug/Kg	04/12/18	16:52	MT	430957
Fluorene	SW8270C	1	0.27	4.0	37		ug/Kg	04/12/18	16:52	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	45		ug/Kg	04/12/18	16:52	MT	430957
Anthracene	SW8270C	1	0.53	4.0	46		ug/Kg	04/12/18	16:52	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	41		ug/Kg	04/12/18	16:52	MT	430957
Pyrene	SW8270C	1	0.55	4.0	56		ug/Kg	04/12/18	16:52	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	50		ug/Kg	04/12/18	16:52	MT	430957
Chrysene	SW8270C	1	0.49	4.0	57		ug/Kg	04/12/18	16:52	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	54		ug/Kg	04/12/18	16:52	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	58		ug/Kg	04/12/18	16:52	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	49		ug/Kg	04/12/18	16:52	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	50		ug/Kg	04/12/18	16:52	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	51		ug/Kg	04/12/18	16:52	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	48		ug/Kg	04/12/18	16:52	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125			78		%	04/12/18	16:52	MT	430957
p-Terphenyl-d14 (S)	SW8270C	30 - 125			94		%	04/12/18	16:52	MT	430957



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 5'	<b>Lab Sample ID:</b>	1804109-002A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:20		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	20:32	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	20:32	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	20:32	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	20:32	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	20:32	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	20:32	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	20:32	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		92.0		%	04/13/18	20:32	mk	430980
DCBP (S)	SW8082A		48 - 135		120		%	04/13/18	20:32	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 5'	<b>Lab Sample ID:</b>	1804109-002A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:20		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	2.34	x	mg/Kg	04/13/18	16:27	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	04/13/18	16:27	mk	430981
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		92.0		%	04/13/18	16:27	mk	430981

**NOTE:** x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-S @ 5'	<b>Lab Sample ID:</b>	1804109-002A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:20		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/13/18 10:24:00AM
<b>Prep Batch ID:</b> 1104252	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/13/18	17:59	NP	430986
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:59	NP	430986
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:59	NP	430986
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/13/18	17:59	NP	430986
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	17:59	NP	430986
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:59	NP	430986
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	17:59	NP	430986
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	17:59	NP	430986
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	17:59	NP	430986
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:59	NP	430986



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-S @ 5'	Lab Sample ID:	1804109-002A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:20		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18 10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:59	NP	430986
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/13/18	17:59	NP	430986
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:59	NP	430986
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	17:59	NP	430986
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	17:59	NP	430986
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	17:59	NP	430986
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	17:59	NP	430986
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	17:59	NP	430986
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	17:59	NP	430986
(S) Dibromofluoromethane	SW8260B		59.8 - 148		114		%	04/13/18	17:59	NP	430986
(S) Toluene-d8	SW8260B		55.2 - 133		118		%	04/13/18	17:59	NP	430986
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		123		%	04/13/18	17:59	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 5'	<b>Lab Sample ID:</b>	1804109-002A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:20		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 10:24:00AM
<b>Prep Batch ID:</b> 1104256	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/13/18	17:59	NP	430986
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		64.2		%	04/13/18	17:59	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1S @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:25  
**SDG:**

**Lab Sample ID:** 1804109-003A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:16	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 10'	Lab Sample ID:	1804109-003A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:25		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	153		mg/Kg	04/13/18	20:10	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	43.4		mg/Kg	04/13/18	20:10	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	16.8		mg/Kg	04/13/18	20:10	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	25.2		mg/Kg	04/13/18	20:10	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	6.85		mg/Kg	04/13/18	20:10	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	54.7		mg/Kg	04/13/18	20:10	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:10	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	70.3		mg/Kg	04/13/18	20:10	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	47.4		mg/Kg	04/13/18	20:10	PPATEL	430970



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 10'	Lab Sample ID:	1804109-003A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:25		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18 1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Naphthalene	SW8270C	2	1.0	7.9	1.3	J	ug/Kg	04/12/18	17:13	MT	430957
2-Methylnaphthalene	SW8270C	2	0.45	7.9	0.96	J	ug/Kg	04/12/18	17:13	MT	430957
1-Methylnaphthalene	SW8270C	2	0.37	7.9	0.74	J	ug/Kg	04/12/18	17:13	MT	430957
Acenaphthylene	SW8270C	2	0.37	7.9	0.49	J	ug/Kg	04/12/18	17:13	MT	430957
Acenaphthene	SW8270C	2	0.32	7.9	0.61	J	ug/Kg	04/12/18	17:13	MT	430957
Fluorene	SW8270C	2	0.54	7.9	0.65	J	ug/Kg	04/12/18	17:13	MT	430957
Phenanthrene	SW8270C	2	1.2	7.9	4.2	J	ug/Kg	04/12/18	17:13	MT	430957
Anthracene	SW8270C	2	1.1	7.9	1.3	J	ug/Kg	04/12/18	17:13	MT	430957
Fluoranthene	SW8270C	2	1.1	7.9	1.7	J	ug/Kg	04/12/18	17:13	MT	430957
Pyrene	SW8270C	2	1.1	7.9	2.3	J	ug/Kg	04/12/18	17:13	MT	430957
Benz[a]anthracene	SW8270C	2	0.93	7.9	2.9	J	ug/Kg	04/12/18	17:13	MT	430957
Chrysene	SW8270C	2	0.98	7.9	4.3	J	ug/Kg	04/12/18	17:13	MT	430957
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	4.1	J	ug/Kg	04/12/18	17:13	MT	430957
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.3	J	ug/Kg	04/12/18	17:13	MT	430957
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.8	J	ug/Kg	04/12/18	17:13	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	1.8	J	ug/Kg	04/12/18	17:13	MT	430957
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	1.5	J	ug/Kg	04/12/18	17:13	MT	430957
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	4.5	J	ug/Kg	04/12/18	17:13	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		72			%	04/12/18	17:13	MT	430957
p-Terphenyl-d14 (S)	SW8270C	30 - 125		87			%	04/12/18	17:13	MT	430957

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 10'	<b>Lab Sample ID:</b>	1804109-003A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:25		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	20:47	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	20:47	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	20:47	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	20:47	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	20:47	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	20:47	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	20:47	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		95.0		%	04/13/18	20:47	mk	430980
DCBP (S)	SW8082A		48 - 135		116		%	04/13/18	20:47	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 10'	<b>Lab Sample ID:</b>	1804109-003A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:25		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	2.63	x	mg/Kg	04/13/18	16:50	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	04/13/18	16:50	mk	430981
Acceptance Limits											

**NOTE:** x- Not typical of Diesel: presence of unknown discrete peak(s) and unknown organics within diesel range heavier than diesel quantified as diesel.



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 10'	Lab Sample ID:	1804109-003A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:25		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/13/18	20:22	NP	430986
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	20:22	NP	430986
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	20:22	NP	430986
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/13/18	20:22	NP	430986
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	20:22	NP	430986
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	20:22	NP	430986
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	20:22	NP	430986
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	20:22	NP	430986
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	20:22	NP	430986
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	20:22	NP	430986



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1S @ 10'	Lab Sample ID:	1804109-003A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:25		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	20:22	NP	430986
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/13/18	20:22	NP	430986
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	20:22	NP	430986
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	20:22	NP	430986
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	20:22	NP	430986
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	20:22	NP	430986
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	20:22	NP	430986
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	20:22	NP	430986
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	20:22	NP	430986
(S) Dibromofluoromethane	SW8260B		59.8 - 148		104		%	04/13/18	20:22	NP	430986
(S) Toluene-d8	SW8260B		55.2 - 133		102		%	04/13/18	20:22	NP	430986
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		106		%	04/13/18	20:22	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1S @ 10'	<b>Lab Sample ID:</b>	1804109-003A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:25		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 10:24:00AM
<b>Prep Batch ID:</b> 1104256	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/13/18	20:22	NP	430986
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		79.2		%	04/13/18	20:22	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2S @ 1.5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 10:30  
**SDG:**

**Lab Sample ID:** 1804109-004A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	0.71		mg/Kg	04/13/18	12:26	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 1.5'	Lab Sample ID:	1804109-004A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:30		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:14	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	<b>4.16</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>178</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:14	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:14	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>39.7</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>11.1</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>25.3</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>138</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:14	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>50.0</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:14	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:14	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:14	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>32.5</b>		mg/Kg	04/13/18	20:14	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>42.6</b>		mg/Kg	04/13/18	20:14	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 1.5'	<b>Lab Sample ID:</b>	1804109-004A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:30		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 4/27/18 11:30:00AM
<b>Prep Batch ID:</b> 1104609	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (STLC)	SW6010B	1	0.050	0.20	17.5		mg/L	04/27/18	13:12	PPATEL	431319



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 1.5'	<b>Lab Sample ID:</b>	1804109-004A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:30		
<b>SDG:</b>			

<b>Prep Method:</b> 1311/3010B	<b>Prep Batch Date/Time:</b> 5/4/18 12:00:00PM
<b>Prep Batch ID:</b> 1104757	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	05/04/18	2:21	PPATEL	431439



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 1.5'	Lab Sample ID:	1804109-004A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:30		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18	1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Naphthalene	SW8270C	20	28	220	31	J	ug/Kg	04/12/18	18:24	MT	430957
2-Methylnaphthalene	SW8270C	20	12	220	20	J	ug/Kg	04/12/18	18:24	MT	430957
1-Methylnaphthalene	SW8270C	20	10	220	25	J	ug/Kg	04/12/18	18:24	MT	430957
Acenaphthylene	SW8270C	20	10	220	16	J	ug/Kg	04/12/18	18:24	MT	430957
Acenaphthene	SW8270C	20	9.0	220	13	J	ug/Kg	04/12/18	18:24	MT	430957
Fluorene	SW8270C	20	15	220	ND		ug/Kg	04/12/18	18:24	MT	430957
Phenanthrene	SW8270C	20	33	220	160	J	ug/Kg	04/12/18	18:24	MT	430957
Anthracene	SW8270C	20	29	220	48	J	ug/Kg	04/12/18	18:24	MT	430957
Fluoranthene	SW8270C	20	30	220	160	J	ug/Kg	04/12/18	18:24	MT	430957
Pyrene	SW8270C	20	30	220	210	J	ug/Kg	04/12/18	18:24	MT	430957
Benz[a]anthracene	SW8270C	20	26	220	140	J	ug/Kg	04/12/18	18:24	MT	430957
Chrysene	SW8270C	20	27	220	210	J	ug/Kg	04/12/18	18:24	MT	430957
Benzo[b]fluoranthene	SW8270C	20	14	220	190	J	ug/Kg	04/12/18	18:24	MT	430957
Benzo[k]fluoranthene	SW8270C	20	13	220	100	J	ug/Kg	04/12/18	18:24	MT	430957
Benzo[a]pyrene	SW8270C	20	16	220	120	J	ug/Kg	04/12/18	18:24	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	20	12	220	100	J	ug/Kg	04/12/18	18:24	MT	430957
Dibenz[a,h]anthracene	SW8270C	20	15	220	56	J	ug/Kg	04/12/18	18:24	MT	430957
Benzo[g,h,i]perylene	SW8270C	20	15	220	150	J	ug/Kg	04/12/18	18:24	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		0.00	D	%	04/12/18	18:24	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		0.00	D	%	04/12/18	18:24	MT	430957	

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 1.5'	<b>Lab Sample ID:</b>	1804109-004A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	21:01	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	21:01	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	21:01	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	21:01	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:01	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:01	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	21:01	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		108		%	04/13/18	21:01	mk	430980
DCBP (S)	SW8082A		48 - 135		115		%	04/13/18	21:01	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 1.5'	<b>Lab Sample ID:</b>	1804109-004A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	5	4.3	10	20.2	x	mg/Kg	04/16/18	12:32	mk	431028
TPH as Motor Oil (SG)	SW8015B	5	16	50	273		mg/Kg	04/16/18	12:32	mk	431028
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			65.1		%	04/16/18	12:32	mk	431028

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



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 1.5'	Lab Sample ID:	1804109-004A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:30		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/13/18	18:35	NP	430986
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	18:35	NP	430986
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	18:35	NP	430986
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/13/18	18:35	NP	430986
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	18:35	NP	430986
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	18:35	NP	430986
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	18:35	NP	430986
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	18:35	NP	430986
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	18:35	NP	430986
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	18:35	NP	430986



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 1.5'	Lab Sample ID:	1804109-004A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:30		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18 10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	18:35	NP	430986
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/13/18	18:35	NP	430986
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	18:35	NP	430986
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	18:35	NP	430986
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	18:35	NP	430986
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	18:35	NP	430986
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	18:35	NP	430986
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	18:35	NP	430986
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	18:35	NP	430986
(S) Dibromofluoromethane	SW8260B		59.8 - 148		108		%	04/13/18	18:35	NP	430986
(S) Toluene-d8	SW8260B		55.2 - 133		111		%	04/13/18	18:35	NP	430986
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		125		%	04/13/18	18:35	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 1.5'	<b>Lab Sample ID:</b>	1804109-004A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:30		
<b>SDG:</b>			

<b>Prep Method:</b>	5035GRO	<b>Prep Batch Date/Time:</b>	4/13/18	10:24:00AM
<b>Prep Batch ID:</b>	1104256	<b>Prep Analyst:</b>	NPAR	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 5'	<b>Lab Sample ID:</b>	1804109-005A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:35		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:28	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 5'	Lab Sample ID:	1804109-005A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:35		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:18	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	<b>3.59</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>187</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:18	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:18	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>46.7</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>9.89</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>77.0</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>4.60</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:18	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>68.9</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:18	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:18	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:18	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>27.3</b>		mg/Kg	04/13/18	20:18	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>165</b>		mg/Kg	04/13/18	20:18	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 5'	<b>Lab Sample ID:</b>	1804109-005A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:35		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 4/12/18 1:00:00PM
<b>Prep Batch ID:</b> 1104208	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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**The results shown below are reported using their MDL.**

Naphthalene	SW8270C	2	1.0	7.9	ND		ug/Kg	04/12/18	17:34	MT	430957
2-Methylnaphthalene	SW8270C	2	0.45	7.9	1.0	J	ug/Kg	04/12/18	17:34	MT	430957
1-Methylnaphthalene	SW8270C	2	0.37	7.9	1.5	J	ug/Kg	04/12/18	17:34	MT	430957
Acenaphthylene	SW8270C	2	0.37	7.9	0.65	J	ug/Kg	04/12/18	17:34	MT	430957
Acenaphthene	SW8270C	2	0.32	7.9	0.71	J	ug/Kg	04/12/18	17:34	MT	430957
Fluorene	SW8270C	2	0.54	7.9	0.80	J	ug/Kg	04/12/18	17:34	MT	430957
Phenanthrene	SW8270C	2	1.2	7.9	3.8	J	ug/Kg	04/12/18	17:34	MT	430957
Anthracene	SW8270C	2	1.1	7.9	1.4	J	ug/Kg	04/12/18	17:34	MT	430957
Fluoranthene	SW8270C	2	1.1	7.9	1.3	J	ug/Kg	04/12/18	17:34	MT	430957
Pyrene	SW8270C	2	1.1	7.9	1.8	J	ug/Kg	04/12/18	17:34	MT	430957
Benz[a]anthracene	SW8270C	2	0.93	7.9	3.1	J	ug/Kg	04/12/18	17:34	MT	430957
Chrysene	SW8270C	2	0.98	7.9	4.4	J	ug/Kg	04/12/18	17:34	MT	430957
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	3.4	J	ug/Kg	04/12/18	17:34	MT	430957
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.5	J	ug/Kg	04/12/18	17:34	MT	430957
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.8	J	ug/Kg	04/12/18	17:34	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	2.1	J	ug/Kg	04/12/18	17:34	MT	430957
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	2.1	J	ug/Kg	04/12/18	17:34	MT	430957
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	2.7	J	ug/Kg	04/12/18	17:34	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		76		%	04/12/18	17:34	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		86		%	04/12/18	17:34	MT	430957	

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 5'	<b>Lab Sample ID:</b>	1804109-005A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:35		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	21:15	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	21:15	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	21:15	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	21:15	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:15	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:15	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	21:15	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		92.0		%	04/13/18	21:15	mk	430980
DCBP (S)	SW8082A		48 - 135		98.0		%	04/13/18	21:15	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 5'	<b>Lab Sample ID:</b>	1804109-005A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:35		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	2.56	x	mg/Kg	04/13/18	17:37	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	30.4		mg/Kg	04/13/18	17:37	mk	430981
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		80.4		%	04/13/18	17:37	mk	430981

**NOTE:** x- Diesel result due to over-lapping of oil range organics and presence of discrete peaks within diesel quantified range.



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 5'	Lab Sample ID:	1804109-005A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:35		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/13/18	19:46	NP	430986
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:46	NP	430986
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:46	NP	430986
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/13/18	19:46	NP	430986
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	19:46	NP	430986
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:46	NP	430986
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	19:46	NP	430986
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	19:46	NP	430986
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:46	NP	430986
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:46	NP	430986



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 5'	Lab Sample ID:	1804109-005A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:35		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18 10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:46	NP	430986
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/13/18	19:46	NP	430986
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:46	NP	430986
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:46	NP	430986
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	19:46	NP	430986
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:46	NP	430986
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	19:46	NP	430986
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:46	NP	430986
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:46	NP	430986
(S) Dibromofluoromethane	SW8260B		59.8 - 148		110		%	04/13/18	19:46	NP	430986
(S) Toluene-d8	SW8260B		55.2 - 133		117		%	04/13/18	19:46	NP	430986
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		119		%	04/13/18	19:46	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 5'	<b>Lab Sample ID:</b>	1804109-005A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:35		
<b>SDG:</b>			

<b>Prep Method:</b>	5035GRO	<b>Prep Batch Date/Time:</b>	4/13/18	10:24:00AM
<b>Prep Batch ID:</b>	1104256	<b>Prep Analyst:</b>	NPAR	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 10'	<b>Lab Sample ID:</b>	1804109-006A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:40		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
Parameters:	Analysis Method	DF	MDL	PQL
Mercury	SW7471B	1	0.083	0.50
			ND	
			mg/Kg	04/13/18
			Time	12:31
			By	BJAY
			Analytical Batch	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 10'	Lab Sample ID:	1804109-006A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:40		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	103		mg/Kg	04/13/18	20:22	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	36.3		mg/Kg	04/13/18	20:22	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	8.46		mg/Kg	04/13/18	20:22	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	28.2		mg/Kg	04/13/18	20:22	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	4.80		mg/Kg	04/13/18	20:22	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	44.8		mg/Kg	04/13/18	20:22	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:22	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	30.5		mg/Kg	04/13/18	20:22	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	53.8		mg/Kg	04/13/18	20:22	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 10'	<b>Lab Sample ID:</b>	1804109-006A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:40		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 4/12/18 1:00:00PM
<b>Prep Batch ID:</b> 1104208	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	17:55	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		48		%	04/12/18	17:55	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		53		%	04/12/18	17:55	MT	430957	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 10'	<b>Lab Sample ID:</b>	1804109-006A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:40		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	21:29	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	21:29	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	21:29	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	21:29	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:29	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:29	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	21:29	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		84.0		%	04/13/18	21:29	mk	430980
DCBP (S)	SW8082A		48 - 135		81.0		%	04/13/18	21:29	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 10'	<b>Lab Sample ID:</b>	1804109-006A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:40		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	2.40	x	mg/Kg	04/13/18	18:01	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	10.0		mg/Kg	04/13/18	18:01	mk	430981
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		73.8		%	04/13/18	18:01	mk	430981

**NOTE:** x- Not typical of Diesel: presence of unknown discrete peak(s) and unknown organics within diesel range heavier than diesel quantified as diesel.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 10'	<b>Lab Sample ID:</b>	1804109-006A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:40		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/13/18 10:24:00AM
<b>Prep Batch ID:</b> 1104252	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/13/18	19:10	NP	430986
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:10	NP	430986
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:10	NP	430986
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/13/18	19:10	NP	430986
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	19:10	NP	430986
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:10	NP	430986
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	19:10	NP	430986
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/13/18	19:10	NP	430986
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/13/18	19:10	NP	430986
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:10	NP	430986



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2S @ 10'	Lab Sample ID:	1804109-006A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 10:40		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	10:24:00AM
Prep Batch ID:	1104252	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:10	NP	430986
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/13/18	19:10	NP	430986
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:10	NP	430986
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/13/18	19:10	NP	430986
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	19:10	NP	430986
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/13/18	19:10	NP	430986
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/13/18	19:10	NP	430986
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/13/18	19:10	NP	430986
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/13/18	19:10	NP	430986
(S) Dibromofluoromethane	SW8260B		59.8 - 148		105		%	04/13/18	19:10	NP	430986
(S) Toluene-d8	SW8260B		55.2 - 133		104		%	04/13/18	19:10	NP	430986
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		115		%	04/13/18	19:10	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2S @ 10'	<b>Lab Sample ID:</b>	1804109-006A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 10:40		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 10:24:00AM
<b>Prep Batch ID:</b> 1104256	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/13/18	19:10	NP	430986
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		94.4		%	04/13/18	19:10	NP	430986



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 1'	<b>Lab Sample ID:</b>	1804109-007A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:10		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:33	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 1'	Lab Sample ID:	1804109-007A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:10		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	129		mg/Kg	04/13/18	20:25	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	36.5		mg/Kg	04/13/18	20:25	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	10.0		mg/Kg	04/13/18	20:25	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	16.9		mg/Kg	04/13/18	20:25	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	68.8		mg/Kg	04/13/18	20:25	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	42.0		mg/Kg	04/13/18	20:25	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:25	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	38.7		mg/Kg	04/13/18	20:25	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	39.4		mg/Kg	04/13/18	20:25	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 1'	<b>Lab Sample ID:</b>	1804109-007A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:10		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 4/27/18 11:30:00AM
<b>Prep Batch ID:</b> 1104609	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (STLC)	SW6010B	1	0.050	0.20	6.79		mg/L	04/27/18	13:17	PPATEL	431319



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 1'	<b>Lab Sample ID:</b>	1804109-007A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:10		
<b>SDG:</b>			

<b>Prep Method:</b> 1311/3010B	<b>Prep Batch Date/Time:</b> 5/4/18 12:00:00PM
<b>Prep Batch ID:</b> 1104757	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	05/04/18	2:24	PPATEL	431439



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 1'	Lab Sample ID:	1804109-007A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:10		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18 1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Naphthalene	SW8270C	40	57	440	ND		ug/Kg	04/12/18	18:45	MT	430957
2-Methylnaphthalene	SW8270C	40	25	440	29	J	ug/Kg	04/12/18	18:45	MT	430957
1-Methylnaphthalene	SW8270C	40	21	440	55	J	ug/Kg	04/12/18	18:45	MT	430957
Acenaphthylene	SW8270C	40	21	440	ND		ug/Kg	04/12/18	18:45	MT	430957
Acenaphthene	SW8270C	40	18	440	ND		ug/Kg	04/12/18	18:45	MT	430957
Fluorene	SW8270C	40	30	440	ND		ug/Kg	04/12/18	18:45	MT	430957
Phenanthrene	SW8270C	40	66	440	130	J	ug/Kg	04/12/18	18:45	MT	430957
Anthracene	SW8270C	40	59	440	ND		ug/Kg	04/12/18	18:45	MT	430957
Fluoranthene	SW8270C	40	59	440	95	J	ug/Kg	04/12/18	18:45	MT	430957
Pyrene	SW8270C	40	61	440	140	J	ug/Kg	04/12/18	18:45	MT	430957
Benz[a]anthracene	SW8270C	40	51	440	150	J	ug/Kg	04/12/18	18:45	MT	430957
Chrysene	SW8270C	40	55	440	250	J	ug/Kg	04/12/18	18:45	MT	430957
Benzo[b]fluoranthene	SW8270C	40	27	440	180	J	ug/Kg	04/12/18	18:45	MT	430957
Benzo[k]fluoranthene	SW8270C	40	25	440	120	J	ug/Kg	04/12/18	18:45	MT	430957
Benzo[a]pyrene	SW8270C	40	32	440	110	J	ug/Kg	04/12/18	18:45	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	40	24	440	120	J	ug/Kg	04/12/18	18:45	MT	430957
Dibenz[a,h]anthracene	SW8270C	40	31	440	90	J	ug/Kg	04/12/18	18:45	MT	430957
Benzo[g,h,i]perylene	SW8270C	40	30	440	180	J	ug/Kg	04/12/18	18:45	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		0.00	D	%	04/12/18	18:45	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		0.00	D	%	04/12/18	18:45	MT	430957	

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 1'	<b>Lab Sample ID:</b>	1804109-007A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:10		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	21:43	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	21:43	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	21:43	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	21:43	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:43	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:43	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	21:43	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		98.0		%	04/13/18	21:43	mk	430980
DCBP (S)	SW8082A		48 - 135		107		%	04/13/18	21:43	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 1'	<b>Lab Sample ID:</b>	1804109-007A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:10		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	3	5.1	12	18.6	x	mg/Kg	04/16/18	12:56	mk	431028
TPH as Motor Oil (SG)	SW8015B	3	19	60	560		mg/Kg	04/16/18	12:56	mk	431028
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		66.9		%	04/16/18	12:56	mk	431028

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



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 1'	Lab Sample ID:	1804109-007A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:10		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/15/18	13:18	NP	431016
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:18	NP	431016
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:18	NP	431016
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/15/18	13:18	NP	431016
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	13:18	NP	431016
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:18	NP	431016
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	13:18	NP	431016
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	13:18	NP	431016
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:18	NP	431016
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:18	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 1'	<b>Lab Sample ID:</b>	1804109-007A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:10		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/15/18 7:44:00AM
<b>Prep Batch ID:</b> 1104297	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:18	NP	431016
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/15/18	13:18	NP	431016
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:18	NP	431016
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:18	NP	431016
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	13:18	NP	431016
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:18	NP	431016
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	13:18	NP	431016
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:18	NP	431016
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:18	NP	431016
(S) Dibromofluoromethane	SW8260B		59.8 - 148		113		%	04/15/18	13:18	NP	431016
(S) Toluene-d8	SW8260B		55.2 - 133		114		%	04/15/18	13:18	NP	431016
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		128		%	04/15/18	13:18	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 1'	<b>Lab Sample ID:</b>	1804109-007A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:10		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 12:35:00AM
<b>Prep Batch ID:</b> 1104283	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	4:10	NP	431005
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		57.5		%	04/14/18	4:10	NP	431005



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 5'	<b>Lab Sample ID:</b>	1804109-008A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:15		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:35	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 5'	Lab Sample ID:	1804109-008A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:15		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	206		mg/Kg	04/13/18	20:29	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	41.6		mg/Kg	04/13/18	20:29	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	15.1		mg/Kg	04/13/18	20:29	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	60.8		mg/Kg	04/13/18	20:29	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	8.75		mg/Kg	04/13/18	20:29	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	52.9		mg/Kg	04/13/18	20:29	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:29	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	42.1		mg/Kg	04/13/18	20:29	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	87.4		mg/Kg	04/13/18	20:29	PPATEL	430970



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 5'	Lab Sample ID:	1804109-008A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:15		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18 1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Naphthalene	SW8270C	2	1.0	7.9	3.7	J	ug/Kg	04/12/18	19:06	MT	430957
2-Methylnaphthalene	SW8270C	2	0.45	7.9	2.6	J	ug/Kg	04/12/18	19:06	MT	430957
1-Methylnaphthalene	SW8270C	2	0.37	7.9	2.4	J	ug/Kg	04/12/18	19:06	MT	430957
Acenaphthylene	SW8270C	2	0.37	7.9	ND		ug/Kg	04/12/18	19:06	MT	430957
Acenaphthene	SW8270C	2	0.32	7.9	ND		ug/Kg	04/12/18	19:06	MT	430957
Fluorene	SW8270C	2	0.54	7.9	1.1	J	ug/Kg	04/12/18	19:06	MT	430957
Phenanthrene	SW8270C	2	1.2	7.9	12		ug/Kg	04/12/18	19:06	MT	430957
Anthracene	SW8270C	2	1.1	7.9	1.2	J	ug/Kg	04/12/18	19:06	MT	430957
Fluoranthene	SW8270C	2	1.1	7.9	2.9	J	ug/Kg	04/12/18	19:06	MT	430957
Pyrene	SW8270C	2	1.1	7.9	3.2	J	ug/Kg	04/12/18	19:06	MT	430957
Benz[a]anthracene	SW8270C	2	0.93	7.9	2.8	J	ug/Kg	04/12/18	19:06	MT	430957
Chrysene	SW8270C	2	0.98	7.9	7.0	J	ug/Kg	04/12/18	19:06	MT	430957
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	5.8	J	ug/Kg	04/12/18	19:06	MT	430957
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.1	J	ug/Kg	04/12/18	19:06	MT	430957
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.4	J	ug/Kg	04/12/18	19:06	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	1.9	J	ug/Kg	04/12/18	19:06	MT	430957
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	1.8	J	ug/Kg	04/12/18	19:06	MT	430957
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	2.6	J	ug/Kg	04/12/18	19:06	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		71		%	04/12/18	19:06	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		80		%	04/12/18	19:06	MT	430957	

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 5'	<b>Lab Sample ID:</b>	1804109-008A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:15		
<b>SDG:</b>			

Prep Method: 3546_PCB				Prep Batch Date/Time: 4/13/18 9:44:00AM							
Prep Batch ID: 1104228				Prep Analyst: SNARASIMHAN							
Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	21:57	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	21:57	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	21:57	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	21:57	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:57	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	21:57	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	21:57	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A	48 - 125		<b>80.0</b>			%	04/13/18	21:57	mk	430980
DCBP (S)	SW8082A	48 - 135		<b>90.0</b>			%	04/13/18	21:57	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 5'	<b>Lab Sample ID:</b>	1804109-008A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:15		
<b>SDG:</b>			

<b>Prep Method:</b>	3546_TPHSG	<b>Prep Batch Date/Time:</b>	4/13/18 12:07:00PM								
<b>Prep Batch ID:</b>	1104238	<b>Prep Analyst:</b>	SNARASIMHAN								
<hr/>											
Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	3.58	x	mg/Kg	04/13/18	18:47	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	45.5		mg/Kg	04/13/18	18:47	mk	430981
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		82.0		%	04/13/18	18:47	mk	430981



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 5'	Lab Sample ID:	1804109-008A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:15		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/15/18	13:54	NP	431016
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:54	NP	431016
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:54	NP	431016
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/15/18	13:54	NP	431016
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	13:54	NP	431016
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:54	NP	431016
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	13:54	NP	431016
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	13:54	NP	431016
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	13:54	NP	431016
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:54	NP	431016



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 5'	Lab Sample ID:	1804109-008A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:15		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:54	NP	431016
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/15/18	13:54	NP	431016
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:54	NP	431016
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	13:54	NP	431016
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	13:54	NP	431016
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	13:54	NP	431016
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	13:54	NP	431016
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	13:54	NP	431016
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	13:54	NP	431016
(S) Dibromofluoromethane	SW8260B		59.8 - 148		119		%	04/15/18	13:54	NP	431016
(S) Toluene-d8	SW8260B		55.2 - 133		121		%	04/15/18	13:54	NP	431016
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		129		%	04/15/18	13:54	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-3S @ 5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 11:15  
**SDG:**

**Lab Sample ID:** 1804109-008A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 12:35:00AM
<b>Prep Batch ID:</b> 1104283	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	114	x	ug/Kg	04/14/18	4:46	NP	431005
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		47.8		%	04/14/18	4:46	NP	431005

**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:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 10'	<b>Lab Sample ID:</b>	1804109-009A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:20		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
Parameters:	Analysis Method	DF	MDL	PQL
Mercury	SW7471B	1	0.083	0.50
			ND	
			mg/Kg	04/13/18
			12:37	BJAY
				430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 10'	Lab Sample ID:	1804109-009A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:20		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>83.1</b>		mg/Kg	04/13/18	20:43	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>51.8</b>		mg/Kg	04/13/18	20:43	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>9.22</b>		mg/Kg	04/13/18	20:43	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>37.1</b>		mg/Kg	04/13/18	20:43	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>5.80</b>		mg/Kg	04/13/18	20:43	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>65.3</b>		mg/Kg	04/13/18	20:43	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:43	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>39.4</b>		mg/Kg	04/13/18	20:43	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>70.0</b>		mg/Kg	04/13/18	20:43	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 10'	<b>Lab Sample ID:</b>	1804109-009A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:20		
<b>SDG:</b>			

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 4/27/18 11:30:00AM
<b>Prep Batch ID:</b> 1104609	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	04/27/18	13:21	PPATEL	431319



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 10'	Lab Sample ID:	1804109-009A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:20		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18	1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	19:27	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		65		%	04/12/18	19:27	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		77		%	04/12/18	19:27	MT	430957	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 10'	<b>Lab Sample ID:</b>	1804109-009A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:20		
<b>SDG:</b>			

Prep Method: 3546_PCB				Prep Batch Date/Time: 4/13/18 9:44:00AM							
Prep Batch ID: 1104228				Prep Analyst: SNARASIMHAN							
Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	22:12	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	22:12	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	22:12	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	22:12	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	22:12	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	22:12	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	22:12	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A	48 - 125		<b>74.0</b>			%	04/13/18	22:12	mk	430980
DCBP (S)	SW8082A	48 - 135		<b>74.0</b>			%	04/13/18	22:12	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 10'	<b>Lab Sample ID:</b>	1804109-009A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:20		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	04/13/18	19:10	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	04/13/18	19:10	mk	430981
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		76.9		%	04/13/18	19:10	mk	430981



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 10'	Lab Sample ID:	1804109-009A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:20		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	12:35:00AM
Prep Batch ID:	1104282	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/14/18	5:22	NP	431005
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	5:22	NP	431005
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	5:22	NP	431005
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/14/18	5:22	NP	431005
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	5:22	NP	431005
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	5:22	NP	431005
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	5:22	NP	431005
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	5:22	NP	431005
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	5:22	NP	431005
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	5:22	NP	431005



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-3S @ 10'	Lab Sample ID:	1804109-009A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 11:20		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	12:35:00AM
Prep Batch ID:	1104282	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	5:22	NP	431005
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/14/18	5:22	NP	431005
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	5:22	NP	431005
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	5:22	NP	431005
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	5:22	NP	431005
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	5:22	NP	431005
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	5:22	NP	431005
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	5:22	NP	431005
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	5:22	NP	431005
(S) Dibromofluoromethane	SW8260B		59.8 - 148		113		%	04/14/18	5:22	NP	431005
(S) Toluene-d8	SW8260B		55.2 - 133		111		%	04/14/18	5:22	NP	431005
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		132		%	04/14/18	5:22	NP	431005



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-3S @ 10'	<b>Lab Sample ID:</b>	1804109-009A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 11:20		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 12:35:00AM
<b>Prep Batch ID:</b> 1104283	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	5:22	NP	431005
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		78.2		%	04/14/18	5:22	NP	431005



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 2.5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:25  
**SDG:**

**Lab Sample ID:** 1804109-010A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	0.76		mg/Kg	04/13/18	12:39	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-1 GWS @ 2.5'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 8:25  
SDG:

Lab Sample ID: 1804109-010A  
Sample Matrix: Soil

Prep Method: 3050B Prep Batch Date/Time: 4/12/18 8:00:00PM  
Prep Batch ID: 1104230 Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	5.70		mg/Kg	04/13/18	20:47	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	3.86		mg/Kg	04/13/18	20:47	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	178		mg/Kg	04/13/18	20:47	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:47	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:47	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	37.9		mg/Kg	04/13/18	20:47	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	16.9		mg/Kg	04/13/18	20:47	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	21.9		mg/Kg	04/13/18	20:47	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	5.80		mg/Kg	04/13/18	20:47	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:47	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	48.5		mg/Kg	04/13/18	20:47	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:47	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:47	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:47	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	34.0		mg/Kg	04/13/18	20:47	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	41.9		mg/Kg	04/13/18	20:47	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 2.5'	<b>Lab Sample ID:</b>	1804109-010A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:25		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 4/12/18 1:00:00PM
<b>Prep Batch ID:</b> 1104208	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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**The results shown below are reported using their MDL.**

Naphthalene	SW8270C	25	36	280	ND		ug/Kg	04/12/18	19:48	MT	430957
2-Methylnaphthalene	SW8270C	25	16	280	16	J	ug/Kg	04/12/18	19:48	MT	430957
1-Methylnaphthalene	SW8270C	25	13	280	19	J	ug/Kg	04/12/18	19:48	MT	430957
Acenaphthylene	SW8270C	25	13	280	ND		ug/Kg	04/12/18	19:48	MT	430957
Acenaphthene	SW8270C	25	11	280	ND		ug/Kg	04/12/18	19:48	MT	430957
Fluorene	SW8270C	25	19	280	ND		ug/Kg	04/12/18	19:48	MT	430957
Phenanthrene	SW8270C	25	41	280	130	J	ug/Kg	04/12/18	19:48	MT	430957
Anthracene	SW8270C	25	37	280	38	J	ug/Kg	04/12/18	19:48	MT	430957
Fluoranthene	SW8270C	25	37	280	120	J	ug/Kg	04/12/18	19:48	MT	430957
Pyrene	SW8270C	25	38	280	140	J	ug/Kg	04/12/18	19:48	MT	430957
Benz[a]anthracene	SW8270C	25	32	280	110	J	ug/Kg	04/12/18	19:48	MT	430957
Chrysene	SW8270C	25	34	280	210	J	ug/Kg	04/12/18	19:48	MT	430957
Benzo[b]fluoranthene	SW8270C	25	17	280	160	J	ug/Kg	04/12/18	19:48	MT	430957
Benzo[k]fluoranthene	SW8270C	25	16	280	88	J	ug/Kg	04/12/18	19:48	MT	430957
Benzo[a]pyrene	SW8270C	25	20	280	89	J	ug/Kg	04/12/18	19:48	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	25	15	280	86	J	ug/Kg	04/12/18	19:48	MT	430957
Dibenz[a,h]anthracene	SW8270C	25	19	280	64	J	ug/Kg	04/12/18	19:48	MT	430957
Benzo[g,h,i]perylene	SW8270C	25	19	280	140	J	ug/Kg	04/12/18	19:48	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		0.00	D	%	04/12/18	19:48	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		0.00	D	%	04/12/18	19:48	MT	430957	

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 2.5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:25  
**SDG:**

**Lab Sample ID:** 1804109-010A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	22:26	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	22:26	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	22:26	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	22:26	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	22:26	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	22:26	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	22:26	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		91.0		%	04/13/18	22:26	mk	430980
DCBP (S)	SW8082A		48 - 135		94.0		%	04/13/18	22:26	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 2.5'	<b>Lab Sample ID:</b>	1804109-010A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:25		
<b>SDG:</b>			

<b>Prep Method:</b>	3546_TPHSG	<b>Prep Batch Date/Time:</b>	4/13/18 12:07:00PM
<b>Prep Batch ID:</b>	1104238	<b>Prep Analyst:</b>	SNARASIMHAN



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 2.5'	Lab Sample ID:	1804109-010A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:25		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/15/18	14:29	NP	431016
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	14:29	NP	431016
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	14:29	NP	431016
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/15/18	14:29	NP	431016
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	14:29	NP	431016
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	14:29	NP	431016
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	14:29	NP	431016
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	14:29	NP	431016
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	14:29	NP	431016
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	14:29	NP	431016



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-1 GWS @ 2.5'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 8:25  
SDG:

Lab Sample ID: 1804109-010A  
Sample Matrix: Soil

Prep Method: 5035 Prep Batch Date/Time: 4/15/18 7:44:00AM  
Prep Batch ID: 1104297 Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	14:29	NP	431016
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/15/18	14:29	NP	431016
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	14:29	NP	431016
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	14:29	NP	431016
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	14:29	NP	431016
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	14:29	NP	431016
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	14:29	NP	431016
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	14:29	NP	431016
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	14:29	NP	431016
(S) Dibromofluoromethane	SW8260B		59.8 - 148		117		%	04/15/18	14:29	NP	431016
(S) Toluene-d8	SW8260B		55.2 - 133		119		%	04/15/18	14:29	NP	431016
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		135		%	04/15/18	14:29	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 2.5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:25  
**SDG:**

**Lab Sample ID:** 1804109-010A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 12:35:00AM
<b>Prep Batch ID:</b> 1104283	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	5:58	NP	431005
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		46.9		%	04/14/18	5:58	NP	431005



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-011A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:30		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
Parameters:	Analysis Method	DF	MDL	PQL
Mercury	SW7471B	1	0.083	0.50
			ND	
			mg/Kg	04/13/18
			12:41	BJAY
				430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 5'	Lab Sample ID:	1804109-011A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:30		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:50	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	<b>6.93</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>166</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:50	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:50	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>88.5</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>13.3</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>191</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>303</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:50	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>143</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:50	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:50	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:50	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>38.0</b>		mg/Kg	04/13/18	20:50	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>287</b>		mg/Kg	04/13/18	20:50	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-011A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:30		
<b>SDG:</b>			

<b>Prep Method:</b>	WET/3010B	<b>Prep Batch Date/Time:</b>	4/27/18	11:30:00AM
<b>Prep Batch ID:</b>	1104609	<b>Prep Analyst:</b>	PPATEL	



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 5'	Lab Sample ID:	1804109-011A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:30		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18	1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Naphthalene	SW8270C	2	1.0	7.9	1.3	J	ug/Kg	04/12/18	20:08	MT	430957
2-Methylnaphthalene	SW8270C	2	0.45	7.9	1.7	J	ug/Kg	04/12/18	20:08	MT	430957
1-Methylnaphthalene	SW8270C	2	0.37	7.9	1.4	J	ug/Kg	04/12/18	20:08	MT	430957
Acenaphthylene	SW8270C	2	0.37	7.9	ND		ug/Kg	04/12/18	20:08	MT	430957
Acenaphthene	SW8270C	2	0.32	7.9	ND		ug/Kg	04/12/18	20:08	MT	430957
Fluorene	SW8270C	2	0.54	7.9	0.66	J	ug/Kg	04/12/18	20:08	MT	430957
Phenanthrene	SW8270C	2	1.2	7.9	12		ug/Kg	04/12/18	20:08	MT	430957
Anthracene	SW8270C	2	1.1	7.9	ND		ug/Kg	04/12/18	20:08	MT	430957
Fluoranthene	SW8270C	2	1.1	7.9	1.9	J	ug/Kg	04/12/18	20:08	MT	430957
Pyrene	SW8270C	2	1.1	7.9	2.4	J	ug/Kg	04/12/18	20:08	MT	430957
Benz[a]anthracene	SW8270C	2	0.93	7.9	2.5	J	ug/Kg	04/12/18	20:08	MT	430957
Chrysene	SW8270C	2	0.98	7.9	8.4		ug/Kg	04/12/18	20:08	MT	430957
Benzo[b]fluoranthene	SW8270C	2	0.49	7.9	6.2	J	ug/Kg	04/12/18	20:08	MT	430957
Benzo[k]fluoranthene	SW8270C	2	0.45	7.9	2.2	J	ug/Kg	04/12/18	20:08	MT	430957
Benzo[a]pyrene	SW8270C	2	0.57	7.9	1.5	J	ug/Kg	04/12/18	20:08	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	2	0.44	7.9	2.1	J	ug/Kg	04/12/18	20:08	MT	430957
Dibenz[a,h]anthracene	SW8270C	2	0.55	7.9	2.0	J	ug/Kg	04/12/18	20:08	MT	430957
Benzo[g,h,i]perylene	SW8270C	2	0.54	7.9	3.0	J	ug/Kg	04/12/18	20:08	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		74		%	04/12/18	20:08	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		84		%	04/12/18	20:08	MT	430957	

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-011A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	23:37	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	23:37	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	23:37	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	23:37	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	23:37	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	23:37	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	23:37	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		95.0		%	04/13/18	23:37	mk	430980
DCBP (S)	SW8082A		48 - 135		82.0		%	04/13/18	23:37	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-011A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:30		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	4.00	x	mg/Kg	04/13/18	21:07	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	64.2		mg/Kg	04/13/18	21:07	mk	430981
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			83.3		%	04/13/18	21:07	mk	430981

**NOTE:** x- Diesel result due to over-lapping of oil range organics and presence of discrete peaks within diesel quantified range.



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 5'	Lab Sample ID:	1804109-011A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:30		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/15/18	15:05	NP	431016
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:05	NP	431016
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:05	NP	431016
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/15/18	15:05	NP	431016
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	15:05	NP	431016
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:05	NP	431016
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	15:05	NP	431016
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	15:05	NP	431016
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:05	NP	431016
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:05	NP	431016



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 5'	Lab Sample ID:	1804109-011A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:30		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:05	NP	431016
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/15/18	15:05	NP	431016
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:05	NP	431016
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:05	NP	431016
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	15:05	NP	431016
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:05	NP	431016
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	15:05	NP	431016
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:05	NP	431016
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:05	NP	431016
(S) Dibromofluoromethane	SW8260B		59.8 - 148		118		%	04/15/18	15:05	NP	431016
(S) Toluene-d8	SW8260B		55.2 - 133		117		%	04/15/18	15:05	NP	431016
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		128		%	04/15/18	15:05	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-011A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:30		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/15/18 7:44:00AM
<b>Prep Batch ID:</b> 1104298	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/15/18	15:05	NP	431016
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		52.4		%	04/15/18	15:05	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:35  
**SDG:**

**Lab Sample ID:** 1804109-012A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:46	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-1 GWS @ 10'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 8:35  
SDG:

Lab Sample ID: 1804109-012A  
Sample Matrix: Soil

Prep Method: 3050B Prep Batch Date/Time: 4/12/18 8:00:00PM  
Prep Batch ID: 1104230 Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>83.9</b>		mg/Kg	04/13/18	20:58	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>53.6</b>		mg/Kg	04/13/18	20:58	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>11.0</b>		mg/Kg	04/13/18	20:58	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>33.9</b>		mg/Kg	04/13/18	20:58	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>9.70</b>		mg/Kg	04/13/18	20:58	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>66.2</b>		mg/Kg	04/13/18	20:58	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	20:58	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>59.9</b>		mg/Kg	04/13/18	20:58	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>68.6</b>		mg/Kg	04/13/18	20:58	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:35  
**SDG:**

**Lab Sample ID:** 1804109-012A  
**Sample Matrix:** Soil

<b>Prep Method:</b> WET/3010B	<b>Prep Batch Date/Time:</b> 4/27/18 11:30:00AM
<b>Prep Batch ID:</b> 1104609	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	ND		mg/L	04/27/18	13:40	PPATEL	431319



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 10'	<b>Lab Sample ID:</b>	1804109-012A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:35		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 4/12/18 1:00:00PM
<b>Prep Batch ID:</b> 1104208	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	20:29	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125			61		%	04/12/18	20:29	MT	430957
p-Terphenyl-d14 (S)	SW8270C	30 - 125			74		%	04/12/18	20:29	MT	430957



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:35  
**SDG:**

**Lab Sample ID:** 1804109-012A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/13/18	23:51	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/13/18	23:51	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/13/18	23:51	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/13/18	23:51	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	23:51	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/13/18	23:51	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/13/18	23:51	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		104		%	04/13/18	23:51	mk	430980
DCBP (S)	SW8082A		48 - 135		87.0		%	04/13/18	23:51	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:35  
**SDG:**

**Lab Sample ID:** 1804109-012A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	3.12	x	mg/Kg	04/13/18	21:31	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	13.7		mg/Kg	04/13/18	21:31	mk	430981
Pentacosane (S)	SW8015B		Acceptance Limits	59 - 129	96.5		%	04/13/18	21:31	mk	430981

**NOTE:** x- Diesel result due to over-lapping of oil range organics and presence of discrete peaks within diesel quantified range.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 10'	<b>Lab Sample ID:</b>	1804109-012A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:35		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104284	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/14/18	11:01	NP	431006
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:01	NP	431006
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:01	NP	431006
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/14/18	11:01	NP	431006
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	11:01	NP	431006
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:01	NP	431006
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	11:01	NP	431006
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	11:01	NP	431006
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:01	NP	431006
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:01	NP	431006



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 10'	Lab Sample ID:	1804109-012A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:35		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	7:12:00AM
Prep Batch ID:	1104284	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:01	NP	431006
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/14/18	11:01	NP	431006
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:01	NP	431006
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:01	NP	431006
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	11:01	NP	431006
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:01	NP	431006
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	11:01	NP	431006
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:01	NP	431006
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:01	NP	431006
(S) Dibromofluoromethane	SW8260B		59.8 - 148		104		%	04/14/18	11:01	NP	431006
(S) Toluene-d8	SW8260B		55.2 - 133		107		%	04/14/18	11:01	NP	431006
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		111		%	04/14/18	11:01	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:35  
**SDG:**

**Lab Sample ID:** 1804109-012A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	11:01	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		77.4		%	04/14/18	11:01	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 15'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:40  
**SDG:**

**Lab Sample ID:** 1804109-013A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:52	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-1 GWS @ 15'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 8:40  
SDG:

Lab Sample ID: 1804109-013A  
Sample Matrix: Soil

Prep Method: 3050B	Prep Batch Date/Time: 4/12/18 8:00:00PM
Prep Batch ID: 1104230	Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:02	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	11.1		mg/Kg	04/13/18	21:02	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	104		mg/Kg	04/13/18	21:02	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	21:02	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	21:02	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	43.7		mg/Kg	04/13/18	21:02	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	12.1		mg/Kg	04/13/18	21:02	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	28.3		mg/Kg	04/13/18	21:02	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	17.4		mg/Kg	04/13/18	21:02	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:02	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	58.7		mg/Kg	04/13/18	21:02	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	21:02	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	21:02	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	21:02	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	43.3		mg/Kg	04/13/18	21:02	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	47.6		mg/Kg	04/13/18	21:02	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 15'	<b>Lab Sample ID:</b>	1804109-013A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:40		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 4/12/18 1:00:00PM
<b>Prep Batch ID:</b> 1104208	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	<b>4.3</b>		ug/Kg	04/12/18	20:50	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	20:50	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		<b>59</b>		%	04/12/18	20:50	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		<b>73</b>		%	04/12/18	20:50	MT	430957	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 15'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:40  
**SDG:**

**Lab Sample ID:** 1804109-013A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/14/18	0:05	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/14/18	0:05	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/14/18	0:05	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/14/18	0:05	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:05	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:05	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/14/18	0:05	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		89.0		%	04/14/18	0:05	mk	430980
DCBP (S)	SW8082A		48 - 135		99.0		%	04/14/18	0:05	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 15'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:40  
**SDG:**

**Lab Sample ID:** 1804109-013A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	2.74	x	mg/Kg	04/13/18	21:54	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	04/13/18	21:54	mk	430981
Pentacosane (S)	SW8015B		Acceptance Limits		59 - 129	80.1	%	04/13/18	21:54	mk	430981

**NOTE:** x- Not typical of Diesel: presence of unknown discrete peak(s) and unknown organics within diesel range heavier than diesel quantified as diesel.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 15'	<b>Lab Sample ID:</b>	1804109-013A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:40		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104284	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/14/18	11:37	NP	431006
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:37	NP	431006
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:37	NP	431006
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/14/18	11:37	NP	431006
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	11:37	NP	431006
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:37	NP	431006
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	11:37	NP	431006
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	11:37	NP	431006
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	11:37	NP	431006
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:37	NP	431006



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 15'	Lab Sample ID:	1804109-013A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:40		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	7:12:00AM
Prep Batch ID:	1104284	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:37	NP	431006
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/14/18	11:37	NP	431006
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:37	NP	431006
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	11:37	NP	431006
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	11:37	NP	431006
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	11:37	NP	431006
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	11:37	NP	431006
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	11:37	NP	431006
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	11:37	NP	431006
(S) Dibromofluoromethane	SW8260B		59.8 - 148		114		%	04/14/18	11:37	NP	431006
(S) Toluene-d8	SW8260B		55.2 - 133		106		%	04/14/18	11:37	NP	431006
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		120		%	04/14/18	11:37	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 15'	<b>Lab Sample ID:</b>	1804109-013A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:40		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	11:37	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>60.8</b>		%	04/14/18	11:37	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 20'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:45  
**SDG:**

**Lab Sample ID:** 1804109-014A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:54	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-1 GWS @ 20'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 8:45  
SDG:

Lab Sample ID: 1804109-014A  
Sample Matrix: Soil

Prep Method: 3050B Prep Batch Date/Time: 4/12/18 8:00:00PM  
Prep Batch ID: 1104230 Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>74.5</b>		mg/Kg	04/13/18	21:05	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>47.2</b>		mg/Kg	04/13/18	21:05	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>9.41</b>		mg/Kg	04/13/18	21:05	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>34.8</b>		mg/Kg	04/13/18	21:05	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>6.20</b>		mg/Kg	04/13/18	21:05	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>70.3</b>		mg/Kg	04/13/18	21:05	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	21:05	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>28.6</b>		mg/Kg	04/13/18	21:05	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>59.9</b>		mg/Kg	04/13/18	21:05	PPATEL	430970



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-1 GWS @ 20'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 8:45  
SDG:

Lab Sample ID: 1804109-014A  
Sample Matrix: Soil

Prep Method: 3546_PAHSIM	Prep Batch Date/Time: 4/12/18 1:00:00PM
Prep Batch ID: 1104208	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	4.4		ug/Kg	04/12/18	21:10	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	21:10	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		62		%	04/12/18	21:10	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		76		%	04/12/18	21:10	MT	430957	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 20'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:45  
**SDG:**

**Lab Sample ID:** 1804109-014A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/14/18	0:19	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/14/18	0:19	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/14/18	0:19	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/14/18	0:19	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:19	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:19	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/14/18	0:19	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		98.0		%	04/14/18	0:19	mk	430980
DCBP (S)	SW8082A		48 - 135		102		%	04/14/18	0:19	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-1 GWS @ 20'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 8:45  
**SDG:**

**Lab Sample ID:** 1804109-014A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	04/13/18	22:18	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	04/13/18	22:18	mk	430981
Pentacosane (S)	SW8015B	Acceptance Limits 59 - 129			84.4		%	04/13/18	22:18	mk	430981



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-1 GWS @ 20'	Lab Sample ID:	1804109-014A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 8:45		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	7:12:00AM
Prep Batch ID:	1104284	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/14/18	12:12	NP	431006
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	12:12	NP	431006
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	12:12	NP	431006
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/14/18	12:12	NP	431006
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	12:12	NP	431006
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	12:12	NP	431006
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	12:12	NP	431006
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	12:12	NP	431006
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	12:12	NP	431006
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	12:12	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 20'	<b>Lab Sample ID:</b>	1804109-014A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:45		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104284	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	12:12	NP	431006
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/14/18	12:12	NP	431006
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	12:12	NP	431006
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	12:12	NP	431006
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	12:12	NP	431006
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	12:12	NP	431006
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	12:12	NP	431006
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	12:12	NP	431006
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	12:12	NP	431006
(S) Dibromofluoromethane	SW8260B		59.8 - 148		111		%	04/14/18	12:12	NP	431006
(S) Toluene-d8	SW8260B		55.2 - 133		106		%	04/14/18	12:12	NP	431006
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		112		%	04/14/18	12:12	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-1 GWS @ 20'	<b>Lab Sample ID:</b>	1804109-014A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 8:45		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	12:12	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		88.0		%	04/14/18	12:12	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 3.5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:35  
**SDG:**

**Lab Sample ID:** 1804109-015A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	0.57		mg/Kg	04/13/18	12:56	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-2 GWS @ 3.5'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 7:35  
SDG:

Lab Sample ID: 1804109-015A  
Sample Matrix: Soil

Prep Method: 3050B	Prep Batch Date/Time: 4/12/18 8:00:00PM
Prep Batch ID: 1104230	Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	164		mg/Kg	04/13/18	21:09	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	37.9		mg/Kg	04/13/18	21:09	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	16.5		mg/Kg	04/13/18	21:09	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	20.7		mg/Kg	04/13/18	21:09	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	4.90		mg/Kg	04/13/18	21:09	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	47.8		mg/Kg	04/13/18	21:09	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	21:09	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	34.7		mg/Kg	04/13/18	21:09	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	40.9		mg/Kg	04/13/18	21:09	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
**Engeo (San Ramon)**

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 3.5'	<b>Lab Sample ID:</b>	1804109-015A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:35		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PAHSIM	<b>Prep Batch Date/Time:</b> 4/12/18 1:00:00PM
<b>Prep Batch ID:</b> 1104208	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
<b>The results shown below are reported using their MDL.</b>											
Naphthalene	SW8270C	20	28	220	ND		ug/Kg	04/12/18	21:32	MT	430957
2-Methylnaphthalene	SW8270C	20	12	220	13	J	ug/Kg	04/12/18	21:32	MT	430957
1-Methylnaphthalene	SW8270C	20	10	220	24	J	ug/Kg	04/12/18	21:32	MT	430957
Acenaphthylene	SW8270C	20	10	220	12	J	ug/Kg	04/12/18	21:32	MT	430957
Acenaphthene	SW8270C	20	9.0	220	ND		ug/Kg	04/12/18	21:32	MT	430957
Fluorene	SW8270C	20	15	220	ND		ug/Kg	04/12/18	21:32	MT	430957
Phenanthrene	SW8270C	20	33	220	170	J	ug/Kg	04/12/18	21:32	MT	430957
Anthracene	SW8270C	20	29	220	42	J	ug/Kg	04/12/18	21:32	MT	430957
Fluoranthene	SW8270C	20	30	220	220		ug/Kg	04/12/18	21:32	MT	430957
Pyrene	SW8270C	20	30	220	270		ug/Kg	04/12/18	21:32	MT	430957
Benz[a]anthracene	SW8270C	20	26	220	170	J	ug/Kg	04/12/18	21:32	MT	430957
Chrysene	SW8270C	20	27	220	280		ug/Kg	04/12/18	21:32	MT	430957
Benzo[b]fluoranthene	SW8270C	20	14	220	240		ug/Kg	04/12/18	21:32	MT	430957
Benzo[k]fluoranthene	SW8270C	20	13	220	120	J	ug/Kg	04/12/18	21:32	MT	430957
Benzo[a]pyrene	SW8270C	20	16	220	160	J	ug/Kg	04/12/18	21:32	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	20	12	220	110	J	ug/Kg	04/12/18	21:32	MT	430957
Dibenz[a,h]anthracene	SW8270C	20	15	220	56	J	ug/Kg	04/12/18	21:32	MT	430957
Benzo[g,h,i]perylene	SW8270C	20	15	220	160	J	ug/Kg	04/12/18	21:32	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		0.00	D	%	04/12/18	21:32	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		0.00	D	%	04/12/18	21:32	MT	430957	

**NOTE:** Sample diluted due to nature of the matrix (dark, viscous extract)



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 3.5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:35  
**SDG:**

**Lab Sample ID:** 1804109-015A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/14/18	0:33	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/14/18	0:33	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/14/18	0:33	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/14/18	0:33	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:33	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:33	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/14/18	0:33	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		87.0		%	04/14/18	0:33	mk	430980
DCBP (S)	SW8082A		48 - 135		76.0		%	04/14/18	0:33	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 3.5'	<b>Lab Sample ID:</b>	1804109-015A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:35		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	10	8.5	20	48.3	x	mg/Kg	04/16/18	13:43	mk	431028
TPH as Motor Oil (SG)	SW8015B	10	32	100	841		mg/Kg	04/16/18	13:43	mk	431028
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			74.4		%	04/16/18	13:43	mk	431028

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



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 3.5'	Lab Sample ID:	1804109-015A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:35		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/15/18	15:41	NP	431016
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:41	NP	431016
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:41	NP	431016
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/15/18	15:41	NP	431016
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	15:41	NP	431016
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:41	NP	431016
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	15:41	NP	431016
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	15:41	NP	431016
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	15:41	NP	431016
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:41	NP	431016



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-2 GWS @ 3.5'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 7:35  
SDG:

Lab Sample ID: 1804109-015A  
Sample Matrix: Soil

Prep Method: 5035 Prep Batch Date/Time: 4/15/18 7:44:00AM  
Prep Batch ID: 1104297 Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:41	NP	431016
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/15/18	15:41	NP	431016
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:41	NP	431016
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	15:41	NP	431016
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	15:41	NP	431016
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	15:41	NP	431016
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	15:41	NP	431016
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	15:41	NP	431016
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	15:41	NP	431016
(S) Dibromofluoromethane	SW8260B		59.8 - 148		118		%	04/15/18	15:41	NP	431016
(S) Toluene-d8	SW8260B		55.2 - 133		110		%	04/15/18	15:41	NP	431016
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		130		%	04/15/18	15:41	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 3.5'	<b>Lab Sample ID:</b>	1804109-015A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:35		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	12:48	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		64.6		%	04/14/18	12:48	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-016A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:40		
<b>SDG:</b>			

<b>Prep Method:</b>	7471BP	<b>Prep Batch Date/Time:</b>	4/12/18	8:00:00PM
<b>Prep Batch ID:</b>	1104227	<b>Prep Analyst:</b>	PPATEL	
<b>Parameters:</b>	<b>Analysis Method</b>	<b>DF</b>	<b>MDL</b>	<b>PQL</b>

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	12:59	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 5'	Lab Sample ID:	1804109-016A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:40		
SDG:			

Prep Method:	3050B	Prep Batch Date/Time:	4/12/18	8:00:00PM
Prep Batch ID:	1104230	Prep Analyst:	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:13	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	<b>7.54</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>418</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	21:13	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	21:13	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>57.7</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>17.8</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>405</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>244</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:13	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>165</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	21:13	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	21:13	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	21:13	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>33.3</b>		mg/Kg	04/13/18	21:13	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>465</b>		mg/Kg	04/13/18	21:13	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-016A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:40		
<b>SDG:</b>			

<b>Prep Method:</b>	WET/3010B	<b>Prep Batch Date/Time:</b>	4/27/18	11:30:00AM
<b>Prep Batch ID:</b>	1104609	<b>Prep Analyst:</b>	PPATEL	



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 5'	Lab Sample ID:	1804109-016A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:40		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18 1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	<b>5.2</b>		ug/Kg	04/12/18	21:53	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	21:53	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125			<b>67</b>		%	04/12/18	21:53	MT	430957
p-Terphenyl-d14 (S)	SW8270C	30 - 125			<b>78</b>		%	04/12/18	21:53	MT	430957



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-016A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:40		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/14/18	0:48	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/14/18	0:48	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/14/18	0:48	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/14/18	0:48	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:48	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	0:48	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/14/18	0:48	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		86.0		%	04/14/18	0:48	mk	430980
DCBP (S)	SW8082A		48 - 135		87.0		%	04/14/18	0:48	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-016A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:40		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	3.67	x	mg/Kg	04/13/18	23:05	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	32.7		mg/Kg	04/13/18	23:05	mk	430981
Acceptance Limits											
Pentacosane (S)	SW8015B	59 - 129			102		%	04/13/18	23:05	mk	430981

**NOTE:** x- Diesel result due to over-lapping of oil range organics and presence of discrete peaks within diesel quantified range.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 5'	<b>Lab Sample ID:</b>	1804109-016A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:40		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/15/18 7:44:00AM
<b>Prep Batch ID:</b> 1104297	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/15/18	16:16	NP	431016
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	16:16	NP	431016
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	16:16	NP	431016
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/15/18	16:16	NP	431016
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	16:16	NP	431016
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	16:16	NP	431016
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	16:16	NP	431016
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/15/18	16:16	NP	431016
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/15/18	16:16	NP	431016
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	16:16	NP	431016



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 5'	Lab Sample ID:	1804109-016A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:40		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/15/18	7:44:00AM
Prep Batch ID:	1104297	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	16:16	NP	431016
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/15/18	16:16	NP	431016
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	16:16	NP	431016
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/15/18	16:16	NP	431016
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	16:16	NP	431016
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/15/18	16:16	NP	431016
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/15/18	16:16	NP	431016
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/15/18	16:16	NP	431016
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/15/18	16:16	NP	431016
(S) Dibromofluoromethane	SW8260B		59.8 - 148		120		%	04/15/18	16:16	NP	431016
(S) Toluene-d8	SW8260B		55.2 - 133		115		%	04/15/18	16:16	NP	431016
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		121		%	04/15/18	16:16	NP	431016



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 5'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:40  
**SDG:**

**Lab Sample ID:** 1804109-016A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	13:24	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		58.1		%	04/14/18	13:24	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:45  
**SDG:**

**Lab Sample ID:** 1804109-017A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	13:01	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-2 GWS @ 10'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 7:45  
SDG:

Lab Sample ID: 1804109-017A  
Sample Matrix: Soil

Prep Method: 3050B Prep Batch Date/Time: 4/12/18 8:00:00PM  
Prep Batch ID: 1104230 Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	102		mg/Kg	04/13/18	21:17	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	43.0		mg/Kg	04/13/18	21:17	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	10.8		mg/Kg	04/13/18	21:17	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	28.3		mg/Kg	04/13/18	21:17	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	8.90		mg/Kg	04/13/18	21:17	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	67.0		mg/Kg	04/13/18	21:17	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	21:17	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	46.9		mg/Kg	04/13/18	21:17	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	55.6		mg/Kg	04/13/18	21:17	PPATEL	430970



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 10'	<b>Lab Sample ID:</b>	1804109-017A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:45		
<b>SDG:</b>			

Prep Method: 3546_PAHSIM		Prep Batch Date/Time: 4/12/18 1:00:00PM									
Prep Batch ID: 1104208		Prep Analyst: SNARASIMHAN									
Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:14	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		70		%	04/12/18	22:14	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		82		%	04/12/18	22:14	MT	430957	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:45  
**SDG:**

**Lab Sample ID:** 1804109-017A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/14/18	1:02	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/14/18	1:02	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/14/18	1:02	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/14/18	1:02	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	1:02	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	1:02	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/14/18	1:02	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		92.0		%	04/14/18	1:02	mk	430980
DCBP (S)	SW8082A		48 - 135		99.0		%	04/14/18	1:02	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 10'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:45  
**SDG:**

**Lab Sample ID:** 1804109-017A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	2.92	x	mg/Kg	04/13/18	23:28	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	12.9		mg/Kg	04/13/18	23:28	mk	430981
Pentacosane (S)	SW8015B		Acceptance Limits	59 - 129	99.0		%	04/13/18	23:28	mk	430981

**NOTE:** x- Diesel result due to over-lapping of oil range organics and presence of discrete peaks within diesel quantified range.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 10'	<b>Lab Sample ID:</b>	1804109-017A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:45		
<b>SDG:</b>			

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Prep Batch Date/Time:	4/13/18	7:12:00AM	By	Analytical Batch
									Prep Analyst:	NPAR			
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/14/18	14:00	NP	431006		
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006		
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:00	NP	431006		



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 10'	Lab Sample ID:	1804109-017A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:45		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	7:12:00AM
Prep Batch ID:	1104284	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:00	NP	431006
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/14/18	14:00	NP	431006
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:00	NP	431006
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:00	NP	431006
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	14:00	NP	431006
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:00	NP	431006
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	14:00	NP	431006
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:00	NP	431006
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:00	NP	431006
(S) Dibromofluoromethane	SW8260B		59.8 - 148		114		%	04/14/18	14:00	NP	431006
(S) Toluene-d8	SW8260B		55.2 - 133		111		%	04/14/18	14:00	NP	431006
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		122		%	04/14/18	14:00	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 10'	<b>Lab Sample ID:</b>	1804109-017A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:45		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	14:00	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		<b>80.6</b>		%	04/14/18	14:00	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 15'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:50  
**SDG:**

**Lab Sample ID:** 1804109-018A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	13:03	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-2 GWS @ 15'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 7:50  
SDG:

Lab Sample ID: 1804109-018A  
Sample Matrix: Soil

Prep Method: 3050B Prep Batch Date/Time: 4/12/18 8:00:00PM  
Prep Batch ID: 1104230 Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:31	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	<b>7.40</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>56.8</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	21:31	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	21:31	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>47.4</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>5.61</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>26.8</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>6.25</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:31	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>50.0</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	21:31	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	21:31	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	21:31	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>19.4</b>		mg/Kg	04/13/18	21:31	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>50.8</b>		mg/Kg	04/13/18	21:31	PPATEL	430970



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 15'	Lab Sample ID:	1804109-018A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:50		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18	1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Chrysene	SW8270C	1	0.49	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:35	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125		69		%	04/12/18	22:35	MT	430957	
p-Terphenyl-d14 (S)	SW8270C	30 - 125		84		%	04/12/18	22:35	MT	430957	



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 15'	<b>Lab Sample ID:</b>	1804109-018A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:50		
<b>SDG:</b>			

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/14/18	1:16	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/14/18	1:16	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/14/18	1:16	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/14/18	1:16	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	1:16	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	1:16	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/14/18	1:16	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		79.0		%	04/14/18	1:16	mk	430980
DCBP (S)	SW8082A		48 - 135		79.0		%	04/14/18	1:16	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 15'	<b>Lab Sample ID:</b>	1804109-018A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:50		
<b>SDG:</b>			

<b>Prep Method:</b>	3546_TPHSG	<b>Prep Batch Date/Time:</b>	4/13/18 12:07:00PM
<b>Prep Batch ID:</b>	1104238	<b>Prep Analyst:</b>	SNARASIMHAN



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 15'	Lab Sample ID:	1804109-018A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:50		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	7:12:00AM
Prep Batch ID:	1104284	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/14/18	14:35	NP	431006
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:35	NP	431006
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:35	NP	431006
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/14/18	14:35	NP	431006
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	14:35	NP	431006
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:35	NP	431006
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	14:35	NP	431006
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	14:35	NP	431006
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	14:35	NP	431006
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:35	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 15'	<b>Lab Sample ID:</b>	1804109-018A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:50		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104284	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:35	NP	431006
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/14/18	14:35	NP	431006
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:35	NP	431006
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	14:35	NP	431006
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	14:35	NP	431006
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	14:35	NP	431006
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	14:35	NP	431006
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	14:35	NP	431006
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	14:35	NP	431006
(S) Dibromofluoromethane	SW8260B		59.8 - 148		113		%	04/14/18	14:35	NP	431006
(S) Toluene-d8	SW8260B		55.2 - 133		113		%	04/14/18	14:35	NP	431006
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		123		%	04/14/18	14:35	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 15'	<b>Lab Sample ID:</b>	1804109-018A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:50		
<b>SDG:</b>			

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	04/14/18	14:35	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		76.9		%	04/14/18	14:35	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 20'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:55  
**SDG:**

**Lab Sample ID:** 1804109-019A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 7471BP	<b>Prep Batch Date/Time:</b> 4/12/18 8:00:00PM
<b>Prep Batch ID:</b> 1104227	<b>Prep Analyst:</b> PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/13/18	13:05	BJAY	430976



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID: D-2 GWS @ 20'  
Project Name/Location: Lot D  
Project Number: 14121.000.000  
Date/Time Sampled: 04/11/18 / 7:55  
SDG:

Lab Sample ID: 1804109-019A  
Sample Matrix: Soil

Prep Method: 3050B Prep Batch Date/Time: 4/12/18 8:00:00PM  
Prep Batch ID: 1104230 Prep Analyst: PPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Barium	SW6010B	1	0.055	5.00	<b>32.4</b>		mg/Kg	04/13/18	21:34	PPATEL	430970
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Chromium	SW6010B	1	0.075	5.00	<b>39.5</b>		mg/Kg	04/13/18	21:34	PPATEL	430970
Cobalt	SW6010B	1	0.070	5.00	<b>6.65</b>		mg/Kg	04/13/18	21:34	PPATEL	430970
Copper	SW6010B	1	0.20	5.00	<b>15.3</b>		mg/Kg	04/13/18	21:34	PPATEL	430970
Lead	SW6010B	1	0.10	1.30	<b>3.35</b>		mg/Kg	04/13/18	21:34	PPATEL	430970
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Nickel	SW6010B	1	0.50	5.00	<b>36.0</b>		mg/Kg	04/13/18	21:34	PPATEL	430970
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	04/13/18	21:34	PPATEL	430970
Vanadium	SW6010B	1	0.10	5.00	<b>27.9</b>		mg/Kg	04/13/18	21:34	PPATEL	430970
Zinc	SW6010B	1	0.30	5.00	<b>33.4</b>		mg/Kg	04/13/18	21:34	PPATEL	430970



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 20'	Lab Sample ID:	1804109-019A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:55		
SDG:			

Prep Method:	3546_PAHSIM	Prep Batch Date/Time:	4/12/18	1:00:00PM
Prep Batch ID:	1104208	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Naphthalene	SW8270C	1	0.51	4.0	6.9		ug/Kg	04/12/18	22:57	MT	430957
2-Methylnaphthalene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
1-Methylnaphthalene	SW8270C	1	0.18	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Acenaphthylene	SW8270C	1	0.19	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Acenaphthene	SW8270C	1	0.16	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Fluorene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Phenanthrene	SW8270C	1	0.59	4.0	10		ug/Kg	04/12/18	22:57	MT	430957
Anthracene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Fluoranthene	SW8270C	1	0.53	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Pyrene	SW8270C	1	0.55	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Benz[a]anthracene	SW8270C	1	0.46	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Chrysene	SW8270C	1	0.49	4.0	4.3		ug/Kg	04/12/18	22:57	MT	430957
Benzo[b]fluoranthene	SW8270C	1	0.24	4.0	4.5		ug/Kg	04/12/18	22:57	MT	430957
Benzo[k]fluoranthene	SW8270C	1	0.23	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Benzo[a]pyrene	SW8270C	1	0.28	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.22	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Dibenz[a,h]anthracene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Benzo[g,h,i]perylene	SW8270C	1	0.27	4.0	ND		ug/Kg	04/12/18	22:57	MT	430957
Acceptance Limits											
2-Fluorobiphenyl (S)	SW8270C	45 - 125			71		%	04/12/18	22:57	MT	430957
p-Terphenyl-d14 (S)	SW8270C	30 - 125			87		%	04/12/18	22:57	MT	430957



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 20'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:55  
**SDG:**

**Lab Sample ID:** 1804109-019A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_PCB	<b>Prep Batch Date/Time:</b> 4/13/18 9:44:00AM
<b>Prep Batch ID:</b> 1104228	<b>Prep Analyst:</b> SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	04/14/18	1:30	mk	430980
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	04/14/18	1:30	mk	430980
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	04/14/18	1:30	mk	430980
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	04/14/18	1:30	mk	430980
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	1:30	mk	430980
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	04/14/18	1:30	mk	430980
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	04/14/18	1:30	mk	430980
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		105		%	04/14/18	1:30	mk	430980
DCBP (S)	SW8082A		48 - 135		111		%	04/14/18	1:30	mk	430980



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 20'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:55  
**SDG:**

**Lab Sample ID:** 1804109-019A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 3546_TPHSG	<b>Prep Batch Date/Time:</b> 4/13/18 12:07:00PM
<b>Prep Batch ID:</b> 1104238	<b>Prep Analyst:</b> 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	3.69	x	mg/Kg	04/14/18	0:15	mk	430981
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	04/14/18	0:15	mk	430981
Pentacosane (S)	SW8015B		Acceptance Limits		59 - 129	103	%	04/14/18	0:15	mk	430981

**NOTE:** x- Not typical of Diesel: presence of unknown discrete peak(s) and unknown organics within diesel range heavier than diesel quantified as diesel.



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

<b>Client Sample ID:</b>	D-2 GWS @ 20'	<b>Lab Sample ID:</b>	1804109-019A
<b>Project Name/Location:</b>	Lot D	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	14121.000.000		
<b>Date/Time Sampled:</b>	04/11/18 / 7:55		
<b>SDG:</b>			

<b>Prep Method:</b> 5035	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104284	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/14/18	17:04	NP	431006
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	17:04	NP	431006
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	17:04	NP	431006
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	04/14/18	17:04	NP	431006
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	17:04	NP	431006
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	17:04	NP	431006
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	17:04	NP	431006
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/14/18	17:04	NP	431006
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/14/18	17:04	NP	431006
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	17:04	NP	431006



## SAMPLE RESULTS

Report prepared for: Divya Bhargava  
Engeo (San Ramon)

Date/Time Received: 04/11/18, 2:35 pm  
Date Reported: 05/01/18

Client Sample ID:	D-2 GWS @ 20'	Lab Sample ID:	1804109-019A
Project Name/Location:	Lot D	Sample Matrix:	Soil
Project Number:	14121.000.000		
Date/Time Sampled:	04/11/18 / 7:55		
SDG:			

Prep Method:	5035	Prep Batch Date/Time:	4/13/18	7:12:00AM
Prep Batch ID:	1104284	Prep Analyst:	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	17:04	NP	431006
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/14/18	17:04	NP	431006
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	17:04	NP	431006
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/14/18	17:04	NP	431006
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	17:04	NP	431006
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/14/18	17:04	NP	431006
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/14/18	17:04	NP	431006
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/14/18	17:04	NP	431006
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	04/14/18	17:04	NP	431006
(S) Dibromofluoromethane	SW8260B		59.8 - 148		112		%	04/14/18	17:04	NP	431006
(S) Toluene-d8	SW8260B		55.2 - 133		111		%	04/14/18	17:04	NP	431006
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		123		%	04/14/18	17:04	NP	431006



## SAMPLE RESULTS

**Report prepared for:** Divya Bhargava  
Engeo (San Ramon)

**Date/Time Received:** 04/11/18, 2:35 pm  
**Date Reported:** 05/01/18

**Client Sample ID:** D-2 GWS @ 20'  
**Project Name/Location:** Lot D  
**Project Number:** 14121.000.000  
**Date/Time Sampled:** 04/11/18 / 7:55  
**SDG:**

**Lab Sample ID:** 1804109-019A  
**Sample Matrix:** Soil

<b>Prep Method:</b> 5035GRO	<b>Prep Batch Date/Time:</b> 4/13/18 7:12:00AM
<b>Prep Batch ID:</b> 1104285	<b>Prep Analyst:</b> NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	521	x	ug/Kg	04/14/18	17:04	NP	431006
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		85.5		%	04/14/18	17:04	NP	431006

**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.



## MB Summary Report

Work Order:	1804109	Prep Method:	3546_PAHSIM	Prep Date:	04/12/18	Prep Batch:	1104208
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	4/12/2018	Analytical Batch:	430957
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Naphthalene	0.51	1.8	ND	
2-Methylnaphthalene	0.22	1.8	ND	
1-Methylnaphthalene	0.18	1.8	ND	
Acenaphthylene	0.19	1.8	0.461	
Acenaphthene	0.16	1.8	0.592	
Fluorene	0.27	1.8	0.560	
Phenanthrene	0.59	1.8	0.817	
Anthracene	0.53	1.8	0.650	
Fluoranthene	0.53	1.8	0.759	
Pyrene	0.55	1.8	0.969	
Benz[a]anthracene	0.46	1.8	1.68	
Chrysene	0.49	1.8	1.79	
Benzo[b]fluoranthene	0.24	1.8	0.947	
Benzo[k]fluoranthene	0.23	1.8	1.67	
Benzo[a]pyrene	0.28	1.8	0.943	
Indeno[1,2,3-cd]pyrene	0.22	1.8	ND	
Dibenz[a,h]anthracene	0.27	1.8	0.829	
Benzo[g,h,i]perylene	0.27	1.8	0.750	
2-Fluorobiphenyl (S)			63.5	
p-Terphenyl-d14 (S)			72.8	

Work Order:	1804109	Prep Method:	7471BP	Prep Date:	04/12/18	Prep Batch:	1104227
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	4/13/2018	Analytical Batch:	430976
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Mercury	0.083	0.50	ND	
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## MB Summary Report

Work Order:	1804109	Prep Method:	3546_PCB	Prep Date:	04/13/18	Prep Batch:	1104228
Matrix:	Soil	Analytical Method:	SW8082A	Analyzed Date:	4/13/2018	Analytical Batch:	430965
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Aroclor1016 53 100 ND  
Aroclor1221 5.0 100 ND  
Aroclor1232 17 100 ND  
Aroclor1242 3.0 100 ND  
Aroclor1248 2.0 100 ND  
Aroclor1254 2.0 100 ND  
Aroclor1260 36 100 ND  
TCMX (S) 113  
DCBP (S) 124

Work Order:	1804109	Prep Method:	3050B	Prep Date:	04/12/18	Prep Batch:	1104230
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	4/13/2018	Analytical Batch:	430970
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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Antimony 0.050 5.00 ND  
Arsenic 0.15 1.30 ND  
Barium 0.055 5.00 0.16  
Beryllium 0.055 5.00 ND  
Cadmium 0.10 5.00 ND  
Chromium 0.075 5.00 0.42  
Cobalt 0.070 5.00 ND  
Copper 0.20 5.00 0.38  
Lead 0.10 1.30 ND  
Molybdenum 0.050 5.00 0.065  
Nickel 0.50 5.00 ND  
Selenium 0.22 5.00 0.32  
Silver 0.15 5.00 ND  
Thallium 0.20 5.00 ND  
Vanadium 0.10 5.00 ND  
Zinc 0.30 5.00 ND



## MB Summary Report

Work Order:	1804109	Prep Method:	3546_TPHSG	Prep Date:	04/13/18	Prep Batch:	1104238
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	4/13/2018	Analytical Batch:	430981
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel (SG)	0.85	2.0	1.00		
TPH as Motor Oil (SG)	3.2	10	ND		
Pentacosane (S)			93.2		

TPH as Diesel (SG)      0.85      2.0      1.00  
TPH as Motor Oil (SG)      3.2      10      ND  
Pentacosane (S)                93.2



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104252
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	430986
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		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104252
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	430986
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
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	1.6		
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		
2-Butanone	1.7	10	ND		
(S) Dibromofluoromethane			105		
(S) Toluene-d8			105		
(S) 4-Bromofluorobenzene			105		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104252
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	430986
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	120	1000	ND		
Chloromethane	180	1000	ND		
Vinyl Chloride	200	1000	ND		
Bromomethane	270	1000	ND		
Chloroethane	300	1000	ND		
Trichlorofluoromethane	210	1000	ND		
1,1-Dichloroethene	200	1000	ND		
Freon 113	190	1000	ND		
Methylene Chloride	710	1000	ND		
trans-1,2-Dichloroethene	210	1000	ND		
MTBE	230	1000	ND		
tert-Butanol	1200	5000	ND		
Diisopropyl ether (DIPE)	230	1000	ND		
1,1-Dichloroethane	220	1000	ND		
ETBE	230	1000	ND		
cis-1,2-Dichloroethene	220	1000	ND		
2,2-Dichloropropane	190	1000	ND		
Bromochloromethane	230	1000	ND		
Chloroform	240	1000	ND		
Carbon Tetrachloride	210	1000	ND		
1,1,1-Trichloroethane	210	1000	ND		
1,1-Dichloropropene	200	1000	ND		
Benzene	220	1000	ND		
TAME	230	1000	ND		
1,2-Dichloroethane	230	1000	ND		
Trichloroethylene	180	1000	ND		
Dibromomethane	180	1000	ND		
1,2-Dichloropropane	190	1000	ND		
Bromodichloromethane	200	1000	ND		
cis-1,3-Dichloropropene	160	1000	ND		
Toluene	180	1000	ND		
Tetrachloroethylene	170	1000	ND		
trans-1,3-Dichloropropene	160	1000	ND		
1,1,2-Trichloroethane	180	1000	ND		
Dibromochloromethane	190	1000	ND		
1,3-Dichloropropane	180	1000	ND		
1,2-Dibromoethane	180	1000	ND		
Chlorobenzene	180	1000	ND		
Ethyl Benzene	170	1000	ND		
1,1,1,2-Tetrachloroethane	190	1000	ND		
m,p-Xylene	320	1000	ND		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104252
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	430986
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	170	1000	ND		
Styrene	160	1000	ND		
Bromoform	170	1000	ND		
Isopropyl Benzene	160	1000	ND		
n-Propylbenzene	160	1000	ND		
Bromobenzene	180	1000	ND		
1,1,2,2-Tetrachloroethane	190	1000	ND		
2-Chlorotoluene	180	1000	ND		
1,3,5-Trimethylbenzene	160	1000	ND		
1,2,3-Trichloropropane	190	1000	ND		
4-Chlorotoluene	160	1000	ND		
tert-Butylbenzene	160	1000	ND		
1,2,4-Trimethylbenzene	140	1000	ND		
sec-Butyl Benzene	160	1000	ND		
p-Isopropyltoluene	150	1000	170		
1,3-Dichlorobenzene	170	1000	ND		
1,4-Dichlorobenzene	170	1000	ND		
n-Butylbenzene	150	1000	200		
1,2-Dichlorobenzene	180	1000	ND		
1,2-Dibromo-3-Chloropropane	180	1000	ND		
Hexachlorobutadiene	140	1000	ND		
1,2,4-Trichlorobenzene	150	1000	ND		
Naphthalene	170	1000	ND		
1,2,3-Trichlorobenzene	170	1000	ND		
2-Butanone	170	1000	ND		
(S) Dibromofluoromethane			107		
(S) Toluene-d8			104		
(S) 4-Bromofluorobenzene			106		

Work Order:	1804109	Prep Method:	5035GRO	Prep Date:	04/13/18	Prep Batch:	1104256
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	430986
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	94		
(S) 4-Bromofluorobenzene			88.8		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035GRO	Prep Date:	04/13/18	Prep Batch:	1104256
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/13/2018	Analytical Batch:	430986
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline) (S) 4-Bromofluorobenzene	4300	10000	6100 98.6		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104282
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/14/2018	Analytical Batch:	431005
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		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104282
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/14/2018	Analytical Batch:	431005
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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o-Xylene	1.7	10	ND	
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	1.6	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	1.6	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	1.8	
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	
2-Butanone	1.7	10	ND	
(S) Dibromofluoromethane			113	
(S) Toluene-d8			99.6	
(S) 4-Bromofluorobenzene			109	

Work Order:	1804109	Prep Method:	5035GRO	Prep Date:	04/13/18	Prep Batch:	1104283
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/14/2018	Analytical Batch:	431005
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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TPH(Gasoline)	43	100	100	
(S) 4-Bromofluorobenzene			111	



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104284
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/14/2018	Analytical Batch:	431006
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		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/13/18	Prep Batch:	1104284
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/14/2018	Analytical Batch:	431006
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	2.6		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	1.8		
n-Propylbenzene	1.6	10	1.6		
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	2.0		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	1.9		
1,2,4-Trimethylbenzene	1.4	10	2.4		
sec-Butyl Benzene	1.6	10	2.0		
p-Isopropyltoluene	1.5	10	2.8		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	3.6		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	1.8		
1,2,4-Trichlorobenzene	1.5	10	3.3		
Naphthalene	1.7	10	4.3		
1,2,3-Trichlorobenzene	1.7	10	3.8		
2-Butanone	1.7	10	ND		
(S) Dibromofluoromethane			103		
(S) Toluene-d8			107		
(S) 4-Bromofluorobenzene			110		

Work Order:	1804109	Prep Method:	5035GRO	Prep Date:	04/13/18	Prep Batch:	1104285
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/14/2018	Analytical Batch:	431006
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	ND		
(S) 4-Bromofluorobenzene			106		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/15/18	Prep Batch:	1104297
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/15/2018	Analytical Batch:	431016
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		



## MB Summary Report

Work Order:	1804109	Prep Method:	5035	Prep Date:	04/15/18	Prep Batch:	1104297
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/15/2018	Analytical Batch:	431016
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	1.7		
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	1.8		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	1.7		
1,2,4-Trimethylbenzene	1.4	10	2.1		
sec-Butyl Benzene	1.6	10	1.9		
p-Isopropyltoluene	1.5	10	2.5		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	3.1		
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	2.7		
Naphthalene	1.7	10	3.3		
1,2,3-Trichlorobenzene	1.7	10	3.4		
2-Butanone	1.7	10	ND		
(S) Dibromofluoromethane			105		
(S) Toluene-d8			105		
(S) 4-Bromofluorobenzene			109		

Work Order:	1804109	Prep Method:	5035GRO	Prep Date:	04/15/18	Prep Batch:	1104298
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	4/15/2018	Analytical Batch:	431016
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	ND		
(S) 4-Bromofluorobenzene			103		



## MB Summary Report

Work Order:	1804109	Prep Method:	WET/3010B	Prep Date:	04/27/18	Prep Batch:	1104609
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	4/27/2018	Analytical Batch:	431319
Units:	mg/L						
Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier			
Arsenic (STLC)	0.40	0.20	ND				
Chromium (STLC)	0.010	0.20	0.014				
Copper (STLC)	0.020	0.20	ND				
Lead (STLC)	0.050	0.20	ND				
Work Order:	1804109	Prep Method:	1311/3010B	Prep Date:	05/04/18	Prep Batch:	1104757
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	5/4/2018	Analytical Batch:	431439
Units:	mg/L						
Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier			
Lead (TCLP)	0.050	0.20	ND				



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

Work Order:	1804109	Prep Method:	3546_PAHSIM	Prep Date:	04/12/18	Prep Batch:	1104208
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	4/12/2018	Analytical Batch:	430957
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.16	4.0	ND	200.0	76.9	76.2	1.31	45 - 125	30	
Pyrene	0.55	4.0	ND	200.0	88.5	82.4	7.02	45 - 125	30	
2-Fluorobiphenyl (S)				2778	62.8	60.0		45 - 125		
p-Terphenyl-d14 (S)				2778	71.9	67.9		30 - 125		

Work Order:	1804109	Prep Method:	7471BP	Prep Date:	04/12/18	Prep Batch:	1104227
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	4/13/2018	Analytical Batch:	430976
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	101	104	3.13	80 - 120	30	

Work Order:	1804109	Prep Method:	3546_PCB	Prep Date:	04/13/18	Prep Batch:	1104228
Matrix:	Soil	Analytical Method:	SW8082A	Analyzed Date:	4/13/2018	Analytical Batch:	430965
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	113	117	3.49	25 - 145	30	
Aroclor1260	36	100	ND	600	99.0	104	5.09	30 - 145	30	
TCMX (S)				0.10	95.0	98.0		48 - 125		
DCBP (S)				0.10	108	108		48 - 135		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

Work Order:	1804109	Prep Method:	3050B	Prep Date:	04/12/18	Prep Batch:	1104230
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	4/13/2018	Analytical Batch:	430970
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	104	103	0.580	80 - 120	30	
Arsenic	0.15	1.30	ND	50	111	107	3.67	80 - 120	30	
Barium	0.055	5.00	0.16	50	113	112	1.60	80 - 120	30	
Beryllium	0.055	5.00	ND	50	110	108	2.21	80 - 120	30	
Cadmium	0.10	5.00	ND	50	109	107	2.22	80 - 120	30	
Chromium	0.075	5.00	0.42	50	111	112	0.358	80 - 120	30	
Cobalt	0.070	5.00	ND	50	114	111	2.85	80 - 120	30	
Copper	0.20	5.00	0.38	50	101	103	1.37	80 - 120	30	
Lead	0.10	3.00	ND	50	114	110	3.58	80 - 120	30	
Molybdenum	0.050	5.00	0.065	50	116	113	1.92	80 - 120	30	
Nickel	0.50	5.00	ND	50	114	111	3.38	80 - 120	30	
Selenium	0.22	5.00	0.32	50	108	105	2.83	80 - 120	30	
Silver	0.15	5.00	ND	50	102	101	0.789	80 - 120	30	
Thallium	0.20	5.00	ND	50	98.8	98.5	0.203	80 - 120	30	
Vanadium	0.10	5.00	ND	50	107	106	0.188	80 - 120	30	
Zinc	0.30	5.00	ND	50	119	115	3.94	80 - 120	30	

Work Order:	1804109	Prep Method:	3546_TPHSG	Prep Date:	04/13/18	Prep Batch:	1104238
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	4/13/2018	Analytical Batch:	430981
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	1.00	25.0	66.7	91.7	31.3	52 - 115	30	
TPH as Motor Oil (SG)			ND	200				59 - 129		



## LCS/LCSD Summary Report

Raw values are used in quality control assessment.

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104252
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/13/2018	<b>Analytical Batch:</b>	430986
<b>Units:</b>	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	113	113	0.177	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	116	110	4.95	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	110	110	0.182	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	106	111	4.41	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	104	105	1.34	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	118	108		59.8 - 148		
(S) Toluene-d8				50.0	108	112		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	110	115		55.8 - 141		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104256
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/13/2018	<b>Analytical Batch:</b>	430986
<b>Units:</b>	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	94	1000	111	114	2.67	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	97.5	111		43.9 - 127		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104282
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/14/2018	<b>Analytical Batch:</b>	431005
<b>Units:</b>	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	100	103	3.14	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	108	111	3.28	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	108	109	1.66	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	107	108	1.49	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	104	106	2.48	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	109	112		59.8 - 148		
(S) Toluene-d8				50.0	106	109		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	109	111		55.8 - 141		



## LCS/LCSD Summary Report

Raw values are used in quality control assessment.

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104283
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/14/2018	<b>Analytical Batch:</b>	431005
<b>Units:</b>	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	100	1000	109	88.5	20.8	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	122	107		43.9 - 127		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104284
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/14/2018	<b>Analytical Batch:</b>	431006
<b>Units:</b>	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	94.6	89.2	5.88	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	104	102	2.52	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	110	107	2.59	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	111	106	4.06	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	107	103	3.63	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	107	106		59.8 - 148		
(S) Toluene-d8				50.0	112	109		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	113	112		55.8 - 141		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104285
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/15/2018	<b>Analytical Batch:</b>	431006
<b>Units:</b>	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	109	99.2	9.41	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	115	108		43.9 - 127		



## LCS/LCSD Summary Report

Raw values are used in quality control assessment.

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	04/15/18	<b>Prep Batch:</b>	1104297
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/15/2018	<b>Analytical Batch:</b>	431016
<b>Units:</b>	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	97.5	75.3	25.7	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	106	101	4.83	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	110	106	3.72	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	111	107	3.66	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	105	106	1.32	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	106	110		59.8 - 148		
(S) Toluene-d8				50.0	112	111		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	109	113		55.8 - 141		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035GRO	<b>Prep Date:</b>	04/15/18	<b>Prep Batch:</b>	1104298
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/16/2018	<b>Analytical Batch:</b>	431016
<b>Units:</b>	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	99.6	108	8.09	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	110	97.9		43.9 - 127		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	04/27/18	<b>Prep Batch:</b>	1104609
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	4/27/2018	<b>Analytical Batch:</b>	431319
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (STLC)	0.20	0.40	ND	10	107	110	2.77	80 - 120	20	
Chromium (STLC)	0.010	0.20	0.014	10	103	99.8	3.16	80 - 120	20	
Copper (STLC)	0.020	0.20	ND	10	101	98.5	2.51	80 - 120	20	
Lead (STLC)	0.050	0.20	ND	10	89.8	92.4	2.85	80 - 120	20	

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	1311/3010B	<b>Prep Date:</b>	05/04/18	<b>Prep Batch:</b>	1104757
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	5/4/2018	<b>Analytical Batch:</b>	431439
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (TCLP)	0.050	0.20	ND	10	97.7	98.2	0.510	80 - 120	20	



## MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1804109	Prep Method:	3546_PAHSIM	Prep Date:	04/12/18	Prep Batch:	1104208
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	4/13/2018	Analytical Batch:	430957
Spiked Sample:	1804109-001A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.647	15.8	ND	200.0	90.6	91.2	0.654	45 - 125	30	
Pyrene	2.19	15.8	ND	200.0	121	218	55.2	45 - 125	30	S,R
2-Fluorobiphenyl (S)				2778	70.6	73.1	3.33	45 - 125		
p-Terphenyl-d14 (S)				2778	90.9	88.1	3.13	30 - 125		

Work Order:	1804109	Prep Method:	3546_PCB	Prep Date:	04/13/18	Prep Batch:	1104228
Matrix:	Soil	Analytical Method:	SW8082A	Analyzed Date:	4/14/2018	Analytical Batch:	430980
Spiked Sample:	1804109-001A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53.0	100	ND	600	142	124	13.9	25 - 145	30	
Aroclor1260	36.0	100	ND	600	113	96.8	15.0	30 - 145	30	
TCMX (S)				0.10	104	91.0		48 - 125		
DCBP (S)				0.10	117	102		48 - 135		



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

Work Order:	1804109	Prep Method:	3050B	Prep Date:	04/12/18	Prep Batch:	1104230
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	4/13/2018	Analytical Batch:	430970
Spiked Sample:	1804109-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	100	58.7	102	13.8	30.7 - 130	30	
Arsenic	0.15	1.30	3.17	100	0.185	91.8	174	71.0 - 121	30	S,R
Barium	0.055	5.00	148	100	92.9	86.6	23.1	70.2 - 130	30	
Beryllium	0.055	5.00	ND	100	63.5	106	18.4	73.3 - 115	30	S
Cadmium	0.10	5.00	ND	100	64.6	107	18.6	80.0 - 110	30	S
Chromium	0.075	5.00	55.1	100	0	68.5	62.4	76.0 - 116	30	S,R
Cobalt	0.070	5.00	12.3	100	61.1	97.4	18.5	57.4 - 122	30	
Copper	0.20	5.00	48.7	100	0	99.0	73.0	74.8 - 119	30	S,R
Lead	0.10	3.00	254	100	0	0	14.0	57.9 - 118	30	NR
Molybdenum	0.050	5.00	ND	100	64.8	107	18.9	62.9 - 123	30	
Nickel	0.50	5.00	70.1	100	0	59.3	51.1	61.5 - 122	30	S,R
Selenium	0.22	5.00	ND	100	6.95	98.7	151	62.0 - 111	30	S,R
Silver	0.15	5.00	ND	100	63.9	106	19.0	81.1 - 109	30	S
Thallium	0.20	5.00	ND	100	45.3	79.3	13.2	39.2 - 125	30	
Vanadium	0.10	5.00	43.6	100	72.5	102	20.3	65.8 - 122	30	
Zinc	0.30	5.00	123	100	0	15.5	31.9	59.9 - 122	30	S,R

Work Order:	1804109	Prep Method:	3546_TPHSG	Prep Date:	04/13/18	Prep Batch:	1104238
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	4/14/2018	Analytical Batch:	430981
Spiked Sample:	1804109-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.850	2.00	4.84	25.0	94.9	109	18.4	52 - 115	30	
Pentacosane (S)				200	118	117		59 - 129		



## MS/MSD Summary Report

Raw values are used in quality control assessment.

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104252
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/13/2018	<b>Analytical Batch:</b>	430986
<b>Spiked Sample:</b>	1804109-003A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50	84.4	76.8	9.43	55 - 125	30	
Benzene	2.2	10	ND	50	98.0	93.6	4.59	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	100	96.5	3.86	55 - 125	30	
Toluene	1.8	10	ND	50	104	100	3.72	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	99.4	98.5	0.808	55 - 125	30	
(S) Dibromofluoromethane				50	105	100		59.8 - 148		
(S) Toluene-d8				50	106	101		55.2 - 133		
(S) 4-Bromofluorobenzene				50	110	106		55.8 - 141		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	04/13/18	<b>Prep Batch:</b>	1104284
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	4/14/2018	<b>Analytical Batch:</b>	431006
<b>Spiked Sample:</b>	1804109-019A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50	123	117	5.00	55 - 125	30	
Benzene	2.2	10	ND	50	119	113	5.69	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	109	103	5.46	55 - 125	30	
Toluene	1.8	10	ND	50	118	111	5.68	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	107	101	5.19	55 - 125	30	
(S) Dibromofluoromethane				50	122	115		59.8 - 148		
(S) Toluene-d8				50	120	114		55.2 - 133		
(S) 4-Bromofluorobenzene				50	130	119		55.8 - 141		

<b>Work Order:</b>	1804109	<b>Prep Method:</b>	WET/3010B	<b>Prep Date:</b>	04/27/18	<b>Prep Batch:</b>	1104609
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	4/27/2018	<b>Analytical Batch:</b>	431319
<b>Spiked Sample:</b>	1804109-001A						
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.0100	0.200	0.400	10	101	102	0.948	75 - 125	20	
Lead (STLC)	0.0500	0.200	178	10	0.000	0.000	0.000	75 - 125	20	NR,S



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

Work Order:	1804109	Prep Method:	1311/3010B	Prep Date:	05/04/18	Prep Batch:	1104757				
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	5/4/2018	Analytical Batch:	431439				
Spiked Sample:	1804109-001A										
Units:	mg/L										
Parameters		MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (TCLP)		0.0500	0.200	ND	10	101	98.1	3.09	75 - 125	20	



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -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.
<b>Duplicate</b> - 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)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - 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.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ)</b> - 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.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - 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
<b>Tentatively Identified Compound (TIC)</b> - 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.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m3</b> , <b>mg/m3</b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % ( equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> (concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<b>B</b> - Indicates when the analyte is found in the associated method or preparation blank
<b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample
<b>E</b> - 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.
<b>H</b> - Indicates that the recommended holding time for the analyte or compound has been exceeded
<b>J</b> - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather than quantitative
<b>NA</b> - Not Analyzed
<b>N/A</b> - Not Applicable
<b>ND</b> - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
<b>NR</b> - 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
<b>R</b> - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
<b>S</b> - 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
<b>X</b> -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: 4/11/2018 2:35:00PM

Project Name: Lot D

Received By: ke

Work Order No.: 1804109

Physically Logged By: Navin Ghodasara

Checklist Completed By: Navin Ghodasara

Carrier Name: Client Drop Off

### 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/cooler?	<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: <u>5.0</u> °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:** Lot D      **TAT Requested:** 3 Day Std:3  
**Project # :** 14121.000.000      **Date Received:** 4/11/2018  
**Report Due Date:** 5/4/2018      **Time Received:** 2:35 pm

**Comments:**

**Work Order # :** **1804109**

<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>
1804109-001A	D-1S @ 1'	04/11/18 7:15	Soil	10/08/18			Hg_S_7471B Met_S_CAM17TCLP Met_S_CAM17STLC PAHSIM_S_8270 C Met_S_6010B CAM17 TPHDOSG_S_8015B VOC_S_GRO VOC_S_8260B PCBs_S_8082A	
1804109-002A	D-1S @ 5'	04/11/18 7:20	Soil	10/08/18			Hg_S_7471B Met_S_CAM17STLC PAHSIM_S_8270 C TPHDOSG_S_8015B Met_S_6010B CAM17 VOC_S_GRO VOC_S_8260B PCBs_S_8082A	
1804109-003A	D-1S @ 10'	04/11/18 7:25	Soil	10/08/18			TPHDOSG_S_8015B Hg_S_7471B PCBs_S_8082A VOC_S_8260B VOC_S_GRO Met_S_6010B CAM17 PAHSIM_S_8270 C	
1804109-004A	D-2S @ 1.5'	04/11/18 10:30	Soil	10/08/18			Hg_S_7471B Met_S_CAM17TCLP Met_S_CAM17STLC TPHDOSG_S_8015B PAHSIM_S_8270 C Met_S_6010B CAM17 VOC_S_GRO VOC_S_8260B	



## Login Summary Report

**Client ID:** TL5123      **Engeo (San Ramon)**      **QC Level:** II  
**Project Name:** Lot D      **TAT Requested:** 3 Day Std:3  
**Project # :** 14121.000.000      **Date Received:** 4/11/2018  
**Report Due Date:** 5/4/2018      **Time Received:** 2:35 pm

**Comments:**

**Work Order # :** **1804109**

<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>
1804109-005A	D-2S @ 5'	04/11/18 10:35	Soil	10/08/18			PCBs_S_8082A	
							TPHDOSG_S_8015B	
							Hg_S_7471B	
							PCBs_S_8082A	
							VOC_S_8260B	
							VOC_S_GRO	
							Met_S_6010B CAM17	
							PAHSIM_S_8270 C	
1804109-006A	D-2S @ 10'	04/11/18 10:40	Soil	10/08/18			TPHDOSG_S_8015B	
							Hg_S_7471B	
							PCBs_S_8082A	
							VOC_S_8260B	
							VOC_S_GRO	
							Met_S_6010B CAM17	
							PAHSIM_S_8270 C	
1804109-007A	D-3S @ 1'	04/11/18 11:10	Soil	10/08/18			Hg_S_7471B	
							Met_S_CAM17TCLP	
							Met_S_CAM17STLC	
							PAHSIM_S_8270 C	
							TPHDOSG_S_8015B	
							VOC_S_8260B	
							Met_S_6010B CAM17	
							VOC_S_GRO	
							PCBs_S_8082A	
1804109-008A	D-3S @ 5'	04/11/18 11:15	Soil	10/08/18			TPHDOSG_S_8015B	
							Hg_S_7471B	
							PCBs_S_8082A	
							VOC_S_GRO	
							Met_S_6010B CAM17	
							VOC_S_8260B	
							PAHSIM_S_8270 C	
1804109-009A	D-3S @ 10'	04/11/18 11:20	Soil	10/08/18			TPHDOSG_S_8015B	



## Login Summary Report

**Client ID:** TL5123      **Engeo (San Ramon)**      **QC Level:** II  
**Project Name:** Lot D      **TAT Requested:** 3 Day Std:3  
**Project # :** 14121.000.000      **Date Received:** 4/11/2018  
**Report Due Date:** 5/4/2018      **Time Received:** 2:35 pm

**Comments:**

**Work Order # :** 1804109

<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>
1804109-010A	D-1 GWS @ 2.5'	04/11/18 8:25	Soil	10/08/18			Met_S_CAM17STLC PAHSIM_S_8270 C Met_S_6010B CAM17 VOC_S_8260B VOC_S_GRO PCBs_S_8082A Hg_S_7471B	
1804109-011A	D-1 GWS @ 5'	04/11/18 8:30	Soil	10/08/18			Hg_S_7471B PCBs_S_8082A VOC_S_GRO Met_S_6010B CAM17 VOC_S_8260B TPHDOSG_S_8015B PAHSIM_S_8270 C	
1804109-012A	D-1 GWS @ 10'	04/11/18 8:35	Soil	10/08/18			TPHDOSG_S_8015B Met_S_CAM17STLC PAHSIM_S_8270 C VOC_S_8260B VOC_S_GRO Met_S_6010B CAM17 PCBs_S_8082A Hg_S_7471B	
1804109-013A	D-1 GWS @ 15'	04/11/18 8:40	Soil	10/08/18			TPHDOSG_S_8015B Hg_S_7471B PCBs_S_8082A	



## Login Summary Report

**Client ID:** TL5123      **Engeo (San Ramon)**      **QC Level:** II  
**Project Name:** Lot D      **TAT Requested:** 3 Day Std:3  
**Project # :** 14121.000.000      **Date Received:** 4/11/2018  
**Report Due Date:** 5/4/2018      **Time Received:** 2:35 pm

**Comments:**

**Work Order # :** 1804109

<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>
1804109-014A	D-1 GWS @ 20'	04/11/18 8:45	Soil	10/08/18			VOC_S_GRO VOC_S_8260B Met_S_6010B CAM17 PAHSIM_S_8270 C TPHDOSG_S_8015B Hg_S_7471B PCBs_S_8082A VOC_S_GRO VOC_S_8260B Met_S_6010B CAM17 PAHSIM_S_8270 C	
1804109-015A	D-2 GWS @ 3.5'	04/11/18 7:35	Soil	10/08/18			Hg_S_7471B PCBs_S_8082A VOC_S_GRO Met_S_6010B CAM17 VOC_S_8260B TPHDOSG_S_8015B PAHSIM_S_8270 C	
1804109-016A	D-2 GWS @ 5'	04/11/18 7:40	Soil	10/08/18			TPHDOSG_S_8015B Met_S_CAM17STLC PAHSIM_S_8270 C VOC_S_8260B Met_S_6010B CAM17 VOC_S_GRO PCBs_S_8082A Hg_S_7471B	
1804109-017A	D-2 GWS @ 10'	04/11/18 7:45	Soil	10/08/18			TPHDOSG_S_8015B Hg_S_7471B PCBs_S_8082A VOC_S_8260B VOC_S_GRO Met_S_6010B CAM17 PAHSIM_S_8270 C	



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<b>WO Sample ID</b>	<b>Client Sample ID</b>	<b>Collection Date/Time</b>	<b>Matrix</b>	<b>Scheduled Disposal</b>	<b>Sample On Hold</b>	<b>Test On Hold</b>	<b>Requested Tests</b>	<b>Subbed</b>
1804109-018A	D-2 GWS @ 15'	04/11/18 7:50	Soil	10/08/18			TPHDOSG_S_8015B Hg_S_7471B PCBs_S_8082A VOC_S_8260B VOC_S_GRO Met_S_6010B CAM17 PAHSIM_S_8270 C	
1804109-019A	D-2 GWS @ 20'	04/11/18 7:55	Soil	10/08/18			TPHDOSG_S_8015B Hg_S_7471B PCBs_S_8082A VOC_S_8260B VOC_S_GRO Met_S_6010B CAM17 PAHSIM_S_8270 C	



## CHAIN OF CUSTODY RECORD

1804109

PROJECT NUMBER 14121.000.006	PROJECT NAME Lot D							REMARKS REQUIRED DETECTION LIMITS			
SAMPLED BY: (SIGNATURE/PRINT) Robert Peck	PROJECT MANAGER: (SIGNATURE/PRINT) Divya										
ROUTING E-MAIL rpeck@engeo.com dbhargava@engeo.com HARD COPY											
SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	TPH-g + VOCs TPH-dbo w/ SG clean PAHs (Stm)	PCBS	CAM-17		
D-1S @ 1'	4-11-18	7:15	Soil	1	lined	Ice	X X X X X X			-001A	
↓ @ 5'		7:20					X X X X X X			-002A	
↓ @ 10'		7:25					X X X X X X			-003A	
D-2S @ 1.5'		10:30					X X X X X X			-004A	
↓ @ 5'		10:35					X X X X X X			-005A	
↓ @ 10'		10:40					X X X X X X			-006A	
D-3S @ 1'		11:10					X X X X X X			-007A	
↓ @ 5'		11:15					X X X X X X			-008A	
↓ @ 10'		11:20					X X X X X X			-009A	
D-1GWS @ 2.5'		8:25					X X X X X X			-010A	
↓ @ 5'		8:30					X X X X X X			-011A	
↓ @ 10'		8:35					X X X X X X			-012A	
↓ @ 15'		8:40					X X X X X X			-013A	
↓ @ 20'		8:45					X X X X X X			-014A	
D-2GWS @ 3.5'		7:35					X X X X X X			-015A	
↓ @ 5'		7:40					X X X X X X			-016A	
↓ @ 10'		7:45					X X X X X X			-017A	
↓ @ 15'		7:50					X X X X X X			-018A	
↓ @ 20'		7:55					X X X X X X			-019A	
RELINQUISHED BY: (SIGNATURE)				DATE/TIME	RECEIVED BY: (SIGNATURE)		RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)		
				4-11-18 14:35	Kutina EB						
RELINQUISHED BY: (SIGNATURE)				DATE/TIME	RECEIVED BY: (SIGNATURE)		RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)		
RELINQUISHED BY: (SIGNATURE)				DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE/TIME	REMARKS			
										standard TAT	
										DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT, COPY TO PROJECT FIELD FILES	

**EN GEO**  
INCORPORATED

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SAN RAMON, CALIFORNIA 94583  
(925) 866-9000 FAX (888) 279-2698  
WWW.ENGEOP.COM

Temp=5°C #2

**Change Order****Work Order:** 1804109**Serial #:** CO18-0190**Print Date:** 4/24/2018**Project Name:** Lot D**Client:** Engeo (San Ramon)**Requested By:** Nadine Periat

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
STLC Cr for 001/002/009/011/012/016; STLC Pb for 001/004/007/011/016; STLC As for 002, STLC Cu for 016; STD TAT (3 days + 2)	4/24/2018	2:00:00PM	

**Change Order****Work Order:** 1804109**Serial #:** CO18-0210**Print Date:** 5/2/2018**Project Name:** Lot D**Client:** Engeo (San Ramon)**Requested By:** Divya Bhargava

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
Additional Test - TCLP Pb for 001/004/007; 1 day TAT	5/2/2018	4:00:00PM	