Appendix A:
Contra Costa Residents Supporting Information

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A.1 - Phase II Environmental Site Assessment, Revised June 2018

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ATTACHMENT C

Project No.
14813.000.000

May 24, 2018
Revised June 8, 2018

Ms. Kristen Gates, PE
Hanover R.S. Limited Partnership
5847 San Felipe, Suite 3600
Houston, TX 77057

Subject: Del Hombre Site
Contra Costa County, California

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Reference: ENGEO, Phase I Environmental Site Assessment- DRAFT, Del Hombre Site, Contra Costa County, California; Project No. 14813.000.000; March 21, 2018.

Dear Ms. Gates:

We are pleased to submit the findings of our limited phase II environmental site assessment (ESA) undertaken at the subject property (Property) in Contra Costa County, California. The purpose of this phase II assessment is to evaluate potential impacts associated with the past agricultural use of the Property and to characterize soil for disposal.

BACKGROUND

The Property is located at 3010, 3018, 3050, 3070 Del Hombre and 112 Roble Road in Contra Costa County, California. The Property is approximately 2.5 acres in area and is identified by Assessor's Parcel Numbers (APN) 148-170-042-3, 148-170-001-9, 148-170-022-5, 148-170-041-5, and 148-170-037-3. Currently, the Property is comprised of vacant vegetated land with two residences located on APN 148-170-037-3 and 148-170-022-5.

A review of historical records found that the Property was cultivated with an orchard from at least the 1930s until the 1950s. Pesticides or other agricultural chemicals might have been applied to the Property at that time and could be present in near-surface soils on the Property. These chemicals are persistent in the environment and toxic concentrations may remain many years after application.

We understand that the proposed development consists of a residential apartment complex, with two courtyard areas, a community pool, and a half level of below-grade parking.

FIELD EXPLORATION

Field sampling activities associated with the phase II ESA were performed on May 4, 2018. Prior to drilling, an ENGEO representative contacted USA North Service Alert for identification of underground utilities at the Property.

Details pertaining to both the agrichemical assessment and soil characterization activities are summarized below.

Task 001: Agrichemical Assessment

In accordance with the California Department of Toxic Substances Control (DTSC) *Interim Guidance for Sampling Agricultural Properties* (*Third Revision*, August 2008), ENGEO staff recovered a total of four soil samples from approximately 3 to 9 inches below the ground surface using typical hand sampling equipment. The samples were placed in 2 foot 6 inch stainless steel liners and submitted to a State-certified laboratory under documented chain of custody. The laboratory was instructed to create one 4-point composite and analyze the sample for organochlorine pesticides (OCPs) (EPA Method 8081A). In addition, one discrete soil sample was homogenized and analyzed for OCPs (EPA Method 8081A) and total lead and arsenic (EPA Method 6010).

Task 002: Soil Characterization for Disposal

A subsurface soil sampling program was conducted to characterize soil in-situ for offhaul and reuse and/or disposal.

A C-57 licensed drilling contractor was retained to advance four soil borings to a maximum depth of approximately 5 feet below the ground surface using a Geoprobe® direct-push rig (Figure 2). Soil samples were retrieved within continuous acetate core liners measuring 5 feet in length. During drilling, a photoionization detector (PID) was used to screen the soil cores.

Soil samples were retrieved from two prescribed depths, 1 foot and 5 feet below the ground surface, respectively. Following recovery, the soil samples were sealed using Teflon® sheets secured by tight-fitting plastic end caps and tape.

Upon collection of both the pesticide samples and the Geoprobe samples, a label was placed on the sample that included a unique sample number, sample location, time/date collected, laboratory analysis, and the sampler's identification. The soil samples were placed in an ice-cooled chest and submitted under documented chain-of-custody to a State-certified laboratory in Milpitas, California.

The eight soil samples were analyzed on a discrete basis for the presence of CAM-17 metals (EPA Method 6010/7471), volatile organic compounds (VOCs) and total petroleum hydrocarbon as gasoline (TPH-g) (EPA Method 8260), TPH-diesel (TPH-d) and TPH-motor oil (TPH-mo) (EPA Method 8015M with silica gel cleanup), polychlorinated biphenyls (PCBs) (EPA Method 8082), and semi-volatile organic compounds (SVOCs) (EPA Method 8270).

The boreholes were filled with grout upon completion of sampling.

ANALYTICAL RESULTS

Agrichemical Assessment

Review of the laboratory test results found detectable concentrations of several OCP analytes, including gamma-chlordane, alpha-chlordane, 4,4-DDE, 4,4-DDT, dieldrin, and chlordane (Table A). All detected analytes were compared against their respective United States

Environmental Protection Agency USEPA residential screening levels (RSLs)[1], San Francisco Regional Bay Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)[2], and Department of Toxic Substances Control (DTSC) Screening Levels (DTSC-SLs)[3] assuming a residential land use scenario. With the exception of dieldrin, the detectable concentrations of OCPs were reported below their respective screening levels. Composite Sample S1-4 composite, exhibited a dieldrin concentration of 53.4 micrograms per kilogram (µg/kg) which is in excess of the respective residential RSL and ESL. Samples S-1 to S-4 were subsequently analyzed on a discrete basis for OCPs. Dieldrin was detected at a concentration of 253 µg/kg in Sample S-4, which is in excess of its corresponding residential ESL and RSL. Dieldrin concentration was low or non-detect in the other three discrete samples. Chlordane was detected at a concentration of 1,000 µg/kg in discrete sample S-1, which exceeds the corresponding residential ESL and DTSC-SL. In addition, this concentration of chlordane exceeds 600 µg/kg, which is greater than 20 times the respective Toxicity Characteristic Leaching Procedure (TCLP) of 0.03 milligram per liter (mg/L) for chlordane. Additional analysis using the TCLP method was conducted to determine soluble concentrations of chlordane. The TCLP concentration for Sample S-1 was reported to be non-detect, indicating that the soil at this location would not be categorized as RCRA hazardous waste, if it was offhauled for disposal.

Arsenic was reported at a concentration of 13.1 milligrams per kilogram (mg/kg), which is in excess of both the respective residential screening levels and expected range of background concentrations observed in the San Francisco Bay Area.

Lead was reported at a concentration of 36.5 mg/kg, which is below the residential screening level of 80 mg/kg.

A summary of the analytical results are presented in Table A.

Soil Characterization for Disposal

Review of the laboratory test results found detectable concentrations of several metallic analytes, including arsenic, barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc (Table A). All detected analytes were compared against their respective RSLs, ESLs, and DTSC-SLs assuming a residential land use scenario. With the exception of an isolated elevated concentration of lead, no constituents were detected above applicable residential screening levels and/or background concentrations observed in the San Francisco Bay Area. Sample B-1@1' exhibited an elevated concentration of lead at 90.5 mg/kg, which is in excess of the residential screening level (80 mg/kg). Because the soil sample exhibited a lead concentration in excess of 50 mg/kg, which is greater than 10 times the respective soluble threshold limit concentration (STLC) of 5 mg/L, subsequent analysis was performed using the Waste Extraction Test (WET) to determine the soluble concentration. The soluble concentration of lead was reported to be 1.08 mg/L, which is below the STLC threshold of 5 mg/L, indicating that the soil at this location would not be categorized as hazardous waste if the soil is removed and offhauled.

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[1] Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for residential land use scenario, November 2017.

[2] San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs) for Direct Exposure Human Health, Residential: Shallow Soil Exposure (Table S-1), February 2016 (Rev. 3).

[3] Department of Toxic Substances Control Human and Ecological Risk Office (HERO), Note 3, Screening Levels, Residential Soil, January 2018.

Detectable concentrations of TPH-d and TPH-mo were reported at a maximum concentration of 12.2 mg/kg and 28.7 mg/kg, respectively; detectable concentrations of TPH-d and TPH-mo were reported below their respective screening levels assuming a residential land use scenario.

TPH-g, VOCs, SVOCs, and PCBs were reported as non-detect in the subsurface soil samples recovered from the Property.

Deeper soil samples at each location (B-1@5', B-2@5', B-3@5', and B-4@5') were subsequently analyzed for OCPs. OCPs were not detected in any of the deeper soil samples collected from the Property.

A summary of the soil sample analytical results is presented in Table A. The laboratory results are presented in their entirety in Appendix A.

DISCUSSION AND CONCLUSION

Review of the laboratory test results found the surficial soil composite sample, S1-4 composite, exhibited a dieldrin concentration of 53.4 micrograms per kilogram (µg/kg), which is in excess of the respective residential RSL and ESL. Samples S-1 to S-4 were subsequently analyzed on a discrete basis for OCPs. Dieldrin was detected at a concentration of 253 µg/kg in Sample S-4, which is in excess of its corresponding residential ESL and RSL. Dieldrin concentration was low or non-detect in the other three discrete samples. Chlordane was detected at a concentration of 1,000 µg/kg in discrete Sample S-1, which exceeds the corresponding residential ESL and DTSC-SL. If the shallow soil is to remain and/or be reused on site additional sampling would be recommended to determine the extent of impacts at the Property. In addition, this concentration of chlordane exceeds 600 µg/kg, which is greater than 20 times the respective TCLP of 0.03 mg/L for chlordane. Additional analysis using the TCLP method was conducted to determine soluble concentrations of chlordane. The TCLP concentration for Sample S-1 was reported to be non-detect, indicating that the soil at this location would not be categorized as RCRA hazardous waste, if it was offhauled for disposal.

Arsenic was reported at a concentration of 13.1 mg/kg, which is in excess of both the respective residential screening levels and expected range of background concentrations observed in the San Francisco Bay Area. If the shallow soil is to remain and/or be reused on site, ENGEO recommends additional near-surface soil samples be recovered from the Property to further evaluate arsenic impact to near surface soils.

If the shallow soil is to be excavated and off-hauled, ENGEO recommends the soil be managed and/or disposed of appropriately. We also recommend that the laboratory reports be provide to the intendent recipient of the soil material.

For the soil disposal characterization, with the exception of an isolated elevated concentration of lead, no tested constituents were detected above applicable residential screening levels and/or background concentrations observed in the San Francisco Bay Area. Sample B-1@1' exhibited an elevated concentration of lead at 90.5 mg/kg, which is in excess of the residential screening level (80 mg/kg). Subsequent testing demonstrated that the soluble concentration of lead was reported to be 1.08 mg/L, which is below the STLC threshold of 5 mg/L, indicating that the soil at this location would not be categorized as hazardous waste, if the soil is removed and offhauled.

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

Sincerely,

ENGEO Incorporated

Kelsey Gerhart

Kelsey Gerhart
kg/jaa/jf

Jeffrey A. Adams, PhD, PE

Attachments: Figures
Table A
Appendix A – Laboratory Analytical Reports

FIGURES

Figure 1 – Vicinity Map
Figure 2 – Site Plan

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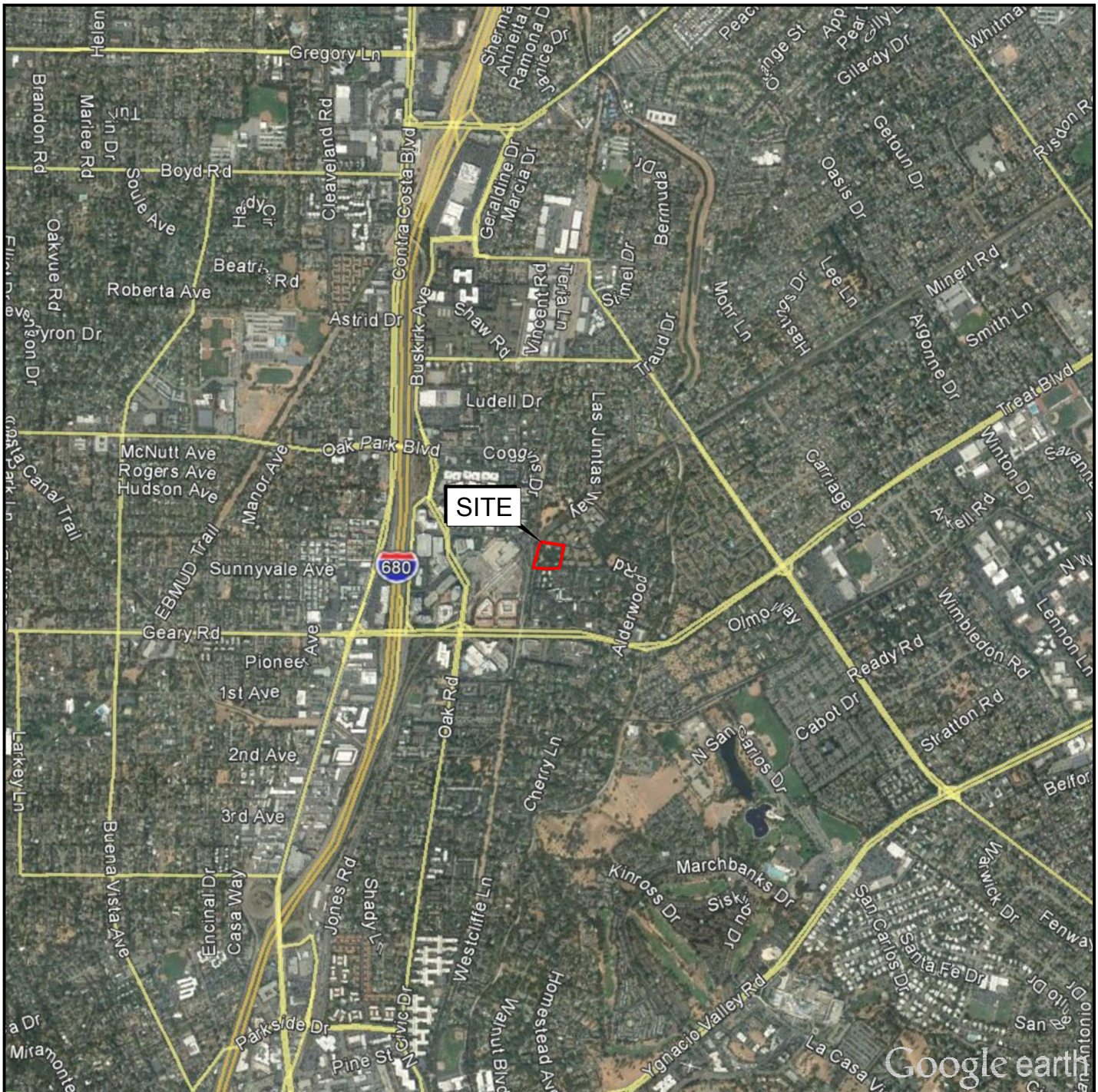

N

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BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO
Expect Excellence

VICINITY MAP DEL HOMBRE SITE WALNUT CREEK, CALIFORNIA	PROJECT NO.: 14813.000.000	FIGURE NO.
	SCALE: AS SHOWN	1
	DRAWN BY: SRP / CHECKED BY: TTB	

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ORIGINAL FIGURE PRINTED IN COLOR

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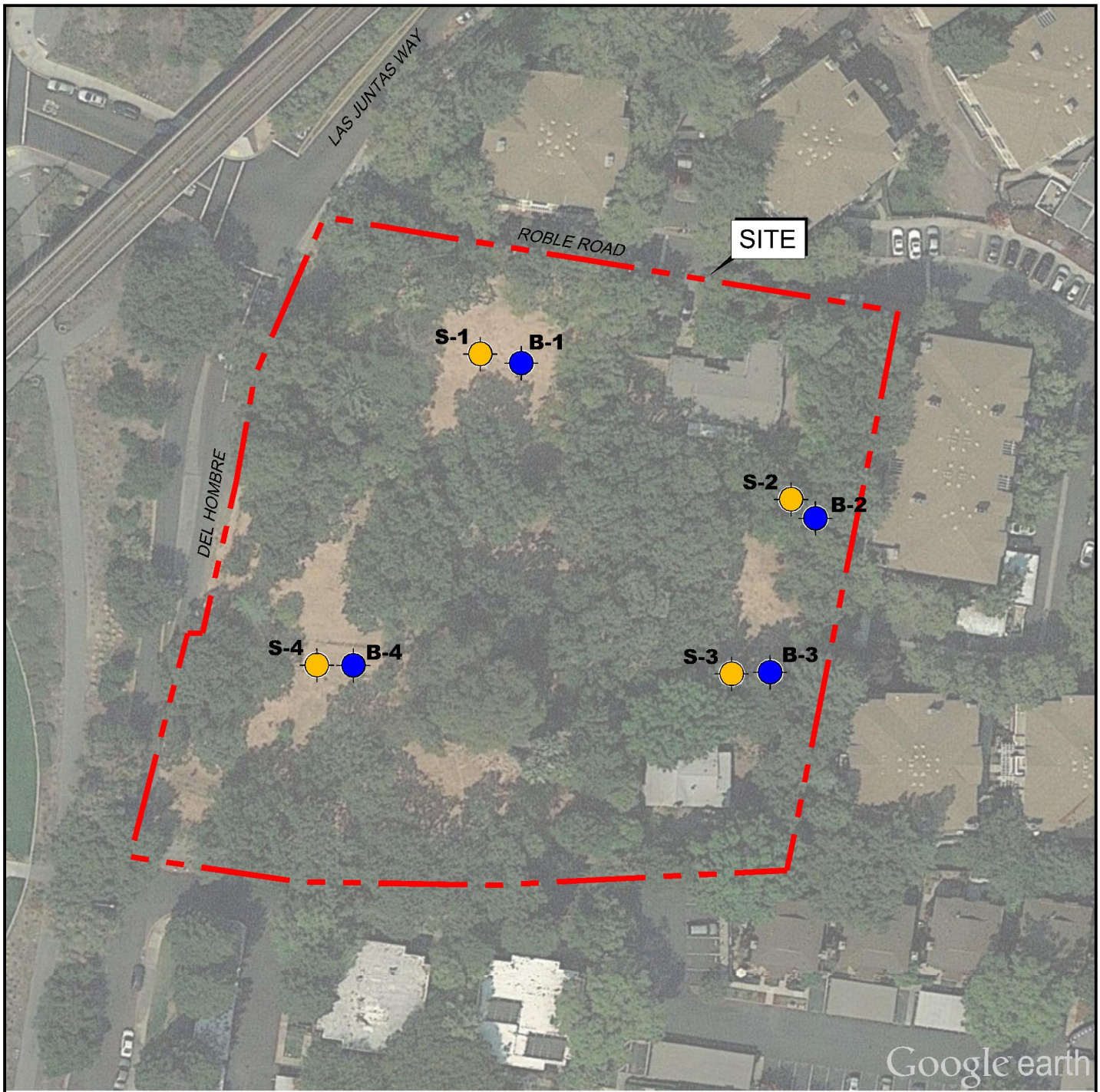

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EXPLANATION

ALL LOCATIONS ARE APPROXIMATE

B-4 SOIL BORING (ENGEO, 2018)

S-4 SHALLOW AGRICHEMICAL SAMPLE (ENGEO, 2018)

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO Expect Excellence

SITE PLAN
DEL HOMBRE SITE
WALNUT CREEK, CALIFORNIA

PROJECT NO.: 14813.000.000	FIGURE NO. 2
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: TTB

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ORIGINAL FIGURE PRINTED IN COLOR

TABLE

Table A – Summary of Soil Analytical Results

14813.000.000
May 24, 2018
Revised June 8, 2018

Table A - Summary of Soil Analytical Results

Sample ID	Date	Sample Type	Total Petroleum Hydrocarbons			Metals											OCPs										VOCs	SVOCs	PCBs
			TPH-g	TPH-d	TPH-mo	Arsenic[4]	Barium	Cobalt	Chromium	Copper	Nickel	Lead	Lead STLC	Vanadium	Zinc	Other Metals	gamma-Chlordane	alpha-Chlordane	4,4-DDE	4,4-DDT	Chlordane	Chlordane TCLP	Dieldrin	Heptachlor Epoxide	Methoxychlor	Other OCPs			
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	µg/kg	µg/kg	µg/kg	µg/kg			mg/kg
USEPA Residential RSLs[1]			**8.2E+01**	**1.10E+02**	**2.50E+03**	**6.80E-01**	**1.5E+04**	**2.3E+01**	**1.2E+05**	**3.1E+03**	**--**	**4.0E+02**	**5[5]**	**3.9E+02**	**2.3E+04**	**--**	**--**	**--**	**2.0E+03**	**1.9E+03**	**1.7E+03**	**0.03[6]**	**34**	**70**	**3.2E+05**	**--**	**--**	**--**	**--**
RWQCB Residential ESLs[2]			**7.4E+02**	**2.3E+02**	**1.1E+04**	**6.70E-02**	**1.5E+04**	**2.3E+01**	**1.2E+05**	**3.1E+03**	**8.2E+02**	**8.0E+01**	**--**	**3.9E+02**	**2.3E+04**	**--**	**--**	**--**	**1.9E+03**	**1.9E+03**	**4.8E+02**	**--**	**38**	**67**	**--**	**--**	**--**	**--**	**--**
DTSC-SLs[3]			**--**	**--**	**--**	**1.1E-01**	**--**	**--**	**3.6E+04**	**--**	**4.9E+02**	**8.0E+01**	**--**	**3.9E+02**	**--**	**--**	**--**	**--**	**--**	**--**	**4.4E+02**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Agrichemical Sampling																													
S1-4 Composite	5/4/2018	Composite	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25	24.4	8.31	18.8	278	NA	**53.4**	ND	ND	ND	NA	NA	NA
S-1	5/4/2018	Discrete	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	111	111	7.6	4.3	**1,000**	ND	ND	18.3	31.1	ND	NA	NA	NA
S-2	5/4/2018	Discrete	NA	NA	NA	**13.1**	NA	NA	NA	NA	NA	36.5	NA	NA	NA	NA	ND	4.32	25.5	39.8	ND	NA	9.03	ND	ND	ND	NA	NA	NA
S-3	5/4/2018	Discrete	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6	1.74	7.2	9.0	ND	NA	ND	ND	ND	ND	NA	NA	NA
S-4	5/4/2018	Discrete	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1	8.9	10	18.9	ND	NA	**253**	ND	ND	ND	NA	NA	NA
Soil Characterization																													
B-1@1'	5/4/2018	Discrete	ND	12.2	28.7	6.95	124	6.15	18.2	21.6	14.4	**90.5**	1.08	20.8	132	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
B-1@5'	5/4/2018	Discrete	ND	9.70	17.0	3.18	208	7.50	32.3	15.0	33.0	4.76	NA	33.9	41.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2@1'	5/4/2018	Discrete	ND	12.0	21.7	3.39	142	7.75	33.7	16.1	34.3	6.60	NA	35.7	47.5	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
B-2@5'	5/4/2018	Discrete	ND	10.4	17.2	ND	104	6.75	29.5	12.2	28.0	6.60	NA	31.1	36.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-3@1'	5/4/2018	Discrete	ND	9.45	18.4	5.55	136	7.05	32.0	15.6	31.1	5.15	NA	34.4	44.3	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
B-3@5'	5/4/2018	Discrete	ND	11.0	18.2	ND	118	7.05	30.3	12.3	29.1	6.10	NA	33.6	36.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-4@1'	5/4/2018	Discrete	ND	ND	ND	3.15	138	7.85	34.4	15.4	34.3	5.65	NA	35.4	43.9	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
B-4@5'	5/4/2018	Discrete	ND	ND	ND	ND	111	6.25	30.6	13.1	28.1	5.95	NA	31.1	37.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes -
mg/kg - milligrams per kilogram
µg/kg - micrograms per kilogram
NA - not analyzed
ND - not detected
[1] Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for residential land use scenario, May 2018.
[2] San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs) for Direct Exposure Human Health, Residential: Shallow Soil Exposure (Table S-1), February 2016 (Rev. 3).
[3] Department of Toxic Substances Control Human and Ecological Risk Office (HERO), Note 3, Screening Levels, Residential Soil, January 2018.
[4] Although arsenic concentrations exceed the corresponding residential screening levels, concentrations are within expected background concentrations observed in the San Francisco Bay Area.
[5] Used for California regulated hazardous waste. Source is California Code of Regulations, Title 22, Chapter 11, Article 3. If a substance is ten times the STLC value found in the TTLC, the Waste Extraction Test (WET) is indicated. If any substance in the waste extract is equal to or greater than the STLC value, it is considered a hazardous toxic waste.
[6] Used for Federally-regulated hazardous waste; f any substance in the waste extract is equal to or greater than the TCLP value, it is considered a RCRA hazardous waste.
200 - Concentration exceeds Residential screening level and/or background concentrations

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APPENDIX A

Laboratory Analytical Reports

14813.000.000
May 24, 2018
Revised June 8, 2018

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

RE: Del Hombre

Work Order No.: 1805043 Rev: 2

Dear Divya Bhargava:

Torrent Laboratory, Inc. received 12 sample(s) on May 04, 2018 for the analyses presented in the following Report.

As requested on the Chain of Custody, sample S-2 was analyzed on a discrete basis for Arsenic and Lead. S-1-S-4 were used to prepare a 4:1 point composite for pesticide analysis.

The other samples were analyzed on a discrete basis.

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.

Patti L Sandrock
QA Officer

May 11, 2018
Date

Date: 5/11/2018

Client: Engeo (San Ramon)

Project: Del Hombre

Work Order: 1805043

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

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

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

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

Analytical Comments for method Met_S_6010B CAM17, 1805043-005A MS/MSD, QC Analytical Preparation ID 1104821, Note:The % recoveries for several analytes are outside of laboratory control limits but % RPD is within limits except for Beryllium. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.

REVISIONS

Report revised to correct the sample ID for sample 006A.

Rev. 1 (5/11/18)

Per client request, report revised to include pesticide data for discrete samples 001, 003-004. Report also revised to include STLC data for sample 005.

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: 5/19/18 at 10:00 AM to 5/21/18 at 8:55 AM.

Rev. 2 (5/23/18)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/11/18

S-1 1805043-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Heptachlor Epoxide	SW8081B	10	0.78	20	18.3	ug/Kg
gamma-Chlordane	SW8081B	10	1.6	20	111	ug/Kg
alpha-Chlordane	SW8081B	10	1.7	20	111	ug/Kg
4,4-DDE	SW8081B	10	1.9	20	7.60	ug/Kg
4,4-DDT	SW8081B	10	1.3	20	4.30	ug/Kg
Methoxychlor	SW8081B	10	2.0	20	31.1	ug/Kg
Chlordane	SW8081B	10	21	200	1000	ug/Kg

S-2 1805043-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.3	13.1	mg/Kg
Lead	SW6010B	1	0.12	3.0	36.5	mg/Kg
alpha-Chlordane	SW8081B	3	0.52	6.0	4.32	ug/Kg
4,4-DDE	SW8081B	3	0.58	6.0	25.5	ug/Kg
Dieldrin	SW8081B	3	0.44	6.0	9.03	ug/Kg
4,4-DDT	SW8081B	3	0.39	6.0	39.8	ug/Kg

S-3 1805043-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
gamma-Chlordane	SW8081B	10	1.6	20	1.60	ug/Kg
alpha-Chlordane	SW8081B	10	1.7	20	1.74	ug/Kg
4,4-DDE	SW8081B	10	1.9	20	7.20	ug/Kg
4,4-DDT	SW8081B	10	1.3	20	9.00	ug/Kg

S-4 1805043-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
gamma-Chlordane	SW8081B	10	1.6	20	5.10	ug/Kg
alpha-Chlordane	SW8081B	10	1.7	20	8.90	ug/Kg
4,4-DDE	SW8081B	10	1.9	20	10.0	ug/Kg
Dieldrin	SW8081B	10	1.5	20	253	ug/Kg
4,4-DDT	SW8081B	10	1.3	20	18.9	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/11/18

B-1@1' 1805043-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	6.95	mg/Kg
Barium	SW6010B	1	0.055	5.00	124	mg/Kg
Chromium	SW6010B	1	0.075	5.00	18.2	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.15	mg/Kg
Copper	SW6010B	1	0.20	5.00	21.6	mg/Kg
Lead	SW6010B	1	0.10	1.30	90.5	mg/Kg
Nickel	SW6010B	1	0.50	5.00	14.4	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	20.8	mg/Kg
Zinc	SW6010B	1	0.30	5.00	132	mg/Kg
Lead (STLC)	SW6010B	1	0.050	0.20	1.08	mg/L
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	12.2	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	28.7	mg/Kg

B-1@5' 1805043-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	3.18	mg/Kg
Barium	SW6010B	1	0.055	5.00	208	mg/Kg
Chromium	SW6010B	1	0.075	5.00	32.3	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.50	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.0	mg/Kg
Lead	SW6010B	1	0.10	1.30	4.76	mg/Kg
Nickel	SW6010B	1	0.50	5.00	33.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	33.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	41.8	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	9.70	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	17.0	mg/Kg

B-2@1' 1805043-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	3.39	mg/Kg
Barium	SW6010B	1	0.055	5.00	142	mg/Kg
Chromium	SW6010B	1	0.075	5.00	33.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.75	mg/Kg
Copper	SW6010B	1	0.20	5.00	16.1	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.60	mg/Kg
Nickel	SW6010B	1	0.50	5.00	34.3	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	35.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	47.5	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	12.0	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	21.7	mg/Kg

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/11/18

B-2@5' 1805043-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Barium	SW6010B	1	0.055	5.00	104	mg/Kg
Chromium	SW6010B	1	0.075	5.00	29.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.75	mg/Kg
Copper	SW6010B	1	0.20	5.00	12.2	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.60	mg/Kg
Nickel	SW6010B	1	0.50	5.00	28.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	31.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	36.3	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	10.4	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	17.2	mg/Kg

B-3@1' 1805043-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	5.55	mg/Kg
Barium	SW6010B	1	0.055	5.00	136	mg/Kg
Chromium	SW6010B	1	0.075	5.00	32.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.05	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.6	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.15	mg/Kg
Nickel	SW6010B	1	0.50	5.00	31.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	34.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	44.3	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	9.45	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	18.4	mg/Kg

B-3@5' 1805043-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Barium	SW6010B	1	0.055	5.00	118	mg/Kg
Chromium	SW6010B	1	0.075	5.00	30.3	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.05	mg/Kg
Copper	SW6010B	1	0.20	5.00	12.3	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.10	mg/Kg
Nickel	SW6010B	1	0.50	5.00	29.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	33.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	36.5	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	11.0	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	18.2	mg/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/11/18

B-4@1' 1805043-011

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	3.15	mg/Kg
Barium	SW6010B	1	0.055	5.00	138	mg/Kg
Chromium	SW6010B	1	0.075	5.00	34.4	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.85	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.4	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.65	mg/Kg
Nickel	SW6010B	1	0.50	5.00	34.3	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	35.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	43.9	mg/Kg

B-4@5' 1805043-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Barium	SW6010B	1	0.055	5.00	111	mg/Kg
Chromium	SW6010B	1	0.075	5.00	30.6	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.25	mg/Kg
Copper	SW6010B	1	0.20	5.00	13.1	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.95	mg/Kg
Nickel	SW6010B	1	0.50	5.00	28.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	31.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	37.5	mg/Kg

S1-4 COMPOSITE 1805043-013

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
gamma-Chlordane	SW8081B	3	0.49	6.0	25.0	ug/Kg
alpha-Chlordane	SW8081B	3	0.52	6.0	24.4	ug/Kg
4,4-DDE	SW8081B	3	0.58	6.0	8.31	ug/Kg
Dieldrin	SW8081B	3	0.44	6.0	53.4	ug/Kg
4,4-DDT	SW8081B	3	0.39	6.0	18.8	ug/Kg
Chlordane	SW8081B	3	6.3	60	278	ug/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	S-1	**Lab Sample ID:**	1805043-001A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:25		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/19/18 3:10:00PM
Prep Batch ID:	1105174	**Prep Analyst:**	LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.3	20	ND		ug/Kg	05/23/18	0:04	LA	431845
gamma-BHC (Lindane)	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:04	LA	431845
beta-BHC	SW8081B	10	3.2	20	ND		ug/Kg	05/23/18	0:04	LA	431845
delta-BHC	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Heptachlor	SW8081B	10	1.1	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Aldrin	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Heptachlor Epoxide	SW8081B	10	0.78	20	**18.3**	J	ug/Kg	05/23/18	0:04	LA	431845
gamma-Chlordane	SW8081B	10	1.6	20	**111**		ug/Kg	05/23/18	0:04	LA	431845
alpha-Chlordane	SW8081B	10	1.7	20	**111**		ug/Kg	05/23/18	0:04	LA	431845
4,4-DDE	SW8081B	10	1.9	20	**7.60**	J	ug/Kg	05/23/18	0:04	LA	431845
Endosulfan I	SW8081B	10	1.8	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Dieldrin	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Endrin	SW8081B	10	1.9	20	ND		ug/Kg	05/23/18	0:04	LA	431845
4,4-DDD	SW8081B	10	5.7	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Endosulfan II	SW8081B	10	5.8	20	ND		ug/Kg	05/23/18	0:04	LA	431845
4,4-DDT	SW8081B	10	1.3	20	**4.30**	J	ug/Kg	05/23/18	0:04	LA	431845
Endrin Aldehyde	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Methoxychlor	SW8081B	10	2.0	20	**31.1**		ug/Kg	05/23/18	0:04	LA	431845
Endosulfan Sulfate	SW8081B	10	1.2	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Endrin Ketone	SW8081B	10	0.94	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Chlordane	SW8081B	10	21	200	**1000**		ug/Kg	05/23/18	0:04	LA	431845
Toxaphene	SW8081B	10	85	500	ND		ug/Kg	05/23/18	0:04	LA	431845
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**81.1**		%	05/23/18	0:04	LA	431845
DCBP (S)	SW8081B		38 - 135		**87.3**		%	05/23/18	0:04	LA	431845

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	S-2	**Lab Sample ID:**	1805043-002A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104836	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.3	**13.1**		mg/Kg	05/08/18	9:19	PPATEL	431530
Lead	SW6010B	1	0.12	3.0	**36.5**		mg/Kg	05/08/18	9:19	PPATEL	431530

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	S-2	**Lab Sample ID:**	1805043-002A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:35		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/4/18 12:50:00PM
Prep Batch ID:	1104762	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.38	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
gamma-BHC (Lindane)	SW8081B	3	0.48	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
beta-BHC	SW8081B	3	0.95	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
delta-BHC	SW8081B	3	0.47	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Heptachlor	SW8081B	3	0.32	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Aldrin	SW8081B	3	0.59	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Heptachlor Epoxide	SW8081B	3	0.23	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
gamma-Chlordane	SW8081B	3	0.49	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
alpha-Chlordane	SW8081B	3	0.52	6.0	**4.32**	J	ug/Kg	05/08/18	18:24	LA	431518
4,4-DDE	SW8081B	3	0.58	6.0	**25.5**		ug/Kg	05/08/18	18:24	LA	431518
Endosulfan I	SW8081B	3	0.55	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Dieldrin	SW8081B	3	0.44	6.0	**9.03**		ug/Kg	05/08/18	18:24	LA	431518
Endrin	SW8081B	3	0.56	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
4,4-DDD	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Endosulfan II	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
4,4-DDT	SW8081B	3	0.39	6.0	**39.8**		ug/Kg	05/08/18	18:24	LA	431518
Endrin Aldehyde	SW8081B	3	0.45	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Methoxychlor	SW8081B	3	0.60	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Endosulfan Sulfate	SW8081B	3	0.35	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Endrin Ketone	SW8081B	3	0.28	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Chlordane	SW8081B	3	6.3	60	ND		ug/Kg	05/08/18	18:24	LA	431518
Toxaphene	SW8081B	3	26	150	ND		ug/Kg	05/08/18	18:24	LA	431518
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**99.1**		%	05/08/18	18:24	LA	431518
DCBP (S)	SW8081B		38 - 135		**92.2**		%	05/08/18	18:24	LA	431518

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	S-3	**Lab Sample ID:**	1805043-003A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:45		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/19/18 3:10:00PM
Prep Batch ID:	1105174	**Prep Analyst:**	LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.3	20	ND		ug/Kg	05/23/18	0:17	LA	431845
gamma-BHC (Lindane)	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:17	LA	431845
beta-BHC	SW8081B	10	3.2	20	ND		ug/Kg	05/23/18	0:17	LA	431845
delta-BHC	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Heptachlor	SW8081B	10	1.1	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Aldrin	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Heptachlor Epoxide	SW8081B	10	0.78	20	ND		ug/Kg	05/23/18	0:17	LA	431845
gamma-Chlordane	SW8081B	10	1.6	20	**1.60**		ug/Kg	05/23/18	0:17	LA	431845
alpha-Chlordane	SW8081B	10	1.7	20	**1.74**	J	ug/Kg	05/23/18	0:17	LA	431845
4,4-DDE	SW8081B	10	1.9	20	**7.20**	J	ug/Kg	05/23/18	0:17	LA	431845
Endosulfan I	SW8081B	10	1.8	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Dieldrin	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endrin	SW8081B	10	1.9	20	ND		ug/Kg	05/23/18	0:17	LA	431845
4,4-DDD	SW8081B	10	5.7	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endosulfan II	SW8081B	10	5.8	20	ND		ug/Kg	05/23/18	0:17	LA	431845
4,4-DDT	SW8081B	10	1.3	20	**9.00**	J	ug/Kg	05/23/18	0:17	LA	431845
Endrin Aldehyde	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Methoxychlor	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endosulfan Sulfate	SW8081B	10	1.2	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endrin Ketone	SW8081B	10	0.94	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Chlordane	SW8081B	10	21	200	ND		ug/Kg	05/23/18	0:17	LA	431845
Toxaphene	SW8081B	10	85	500	ND		ug/Kg	05/23/18	0:17	LA	431845
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**73.6**		%	05/23/18	0:17	LA	431845
DCBP (S)	SW8081B		38 - 135		**71.7**		%	05/23/18	0:17	LA	431845

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	S-4	**Lab Sample ID:**	1805043-004A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:15		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/19/18 3:10:00PM
Prep Batch ID:	1105174	**Prep Analyst:**	LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.3	20	ND		ug/Kg	05/23/18	0:30	LA	431845
gamma-BHC (Lindane)	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:30	LA	431845
beta-BHC	SW8081B	10	3.2	20	ND		ug/Kg	05/23/18	0:30	LA	431845
delta-BHC	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Heptachlor	SW8081B	10	1.1	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Aldrin	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Heptachlor Epoxide	SW8081B	10	0.78	20	ND		ug/Kg	05/23/18	0:30	LA	431845
gamma-Chlordane	SW8081B	10	1.6	20	**5.10**	J	ug/Kg	05/23/18	0:30	LA	431845
alpha-Chlordane	SW8081B	10	1.7	20	**8.90**	J	ug/Kg	05/23/18	0:30	LA	431845
4,4-DDE	SW8081B	10	1.9	20	**10.0**	J	ug/Kg	05/23/18	0:30	LA	431845
Endosulfan I	SW8081B	10	1.8	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Dieldrin	SW8081B	10	1.5	20	**253**		ug/Kg	05/23/18	0:30	LA	431845
Endrin	SW8081B	10	1.9	20	ND		ug/Kg	05/23/18	0:30	LA	431845
4,4-DDD	SW8081B	10	5.7	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Endosulfan II	SW8081B	10	5.8	20	ND		ug/Kg	05/23/18	0:30	LA	431845
4,4-DDT	SW8081B	10	1.3	20	**18.9**	J	ug/Kg	05/23/18	0:30	LA	431845
Endrin Aldehyde	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Methoxychlor	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Endosulfan Sulfate	SW8081B	10	1.2	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Endrin Ketone	SW8081B	10	0.94	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Chlordane	SW8081B	10	21	200	ND		ug/Kg	05/23/18	0:30	LA	431845
Toxaphene	SW8081B	10	85	500	ND		ug/Kg	05/23/18	0:30	LA	431845
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**72.5**		%	05/23/18	0:30	LA	431845
DCBP (S)	SW8081B		38 - 135		**81.6**		%	05/23/18	0:30	LA	431845

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:08	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	6:56	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**6.95**		mg/Kg	05/08/18	6:56	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**124**		mg/Kg	05/08/18	6:56	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**18.2**		mg/Kg	05/08/18	6:56	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**6.15**		mg/Kg	05/08/18	6:56	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**21.6**		mg/Kg	05/08/18	6:56	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**90.5**		mg/Kg	05/08/18	6:56	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**14.4**		mg/Kg	05/08/18	6:56	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**20.8**		mg/Kg	05/08/18	6:56	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**132**		mg/Kg	05/08/18	6:56	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	5/21/18	2:00:00PM
Prep Batch ID:	1105173	**Prep Analyst:**	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (STLC)	SW6010B	1	0.050	0.20	**1.08**		mg/L	05/21/18	14:56	PPATEL	431818

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	3:28	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	3:28	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**110**		%	05/08/18	3:28	MK	431481
DCBP (S)	SW8082A		48 - 135		**84.0**		%	05/08/18	3:28	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	5	1.1	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Phenol	SW8270C	5	8.3	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-chloroethyl) ether	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Chlorophenol	SW8270C	5	5.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
1,3-Dichlorobenzene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,4-Dichlorobenzene	SW8270C	5	5.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,2-Dichlorobenzene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	5	5.0	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	5	5.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
N-nitroso-di-n-propylamine	SW8270C	5	6.5	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Hexachloroethane	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Nitrobenzene	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Nitrophenol	SW8270C	5	5.0	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4-Dimethylphenol	SW8270C	5	6.1	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	5	18	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4-Dichlorophenol	SW8270C	5	1.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
1,2,4-Trichlorobenzene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Naphthalene	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Chloroaniline	SW8270C	5	2.5	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,6-Dichlorophenol	SW8270C	5	1.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Hexachloro-1,3-butadiene	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Chloro-3-methylphenol	SW8270C	5	5.0	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Methylnaphthalene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1-Methylnaphthalene	SW8270C	5	2.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4,6-Trichlorophenol	SW8270C	5	3.2	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4,5-Trichlorophenol	SW8270C	5	2.9	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Chloronaphthalene	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,4-Dinitrobenzene	SW8270C	5	17	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Dimethyl phthalate	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,3-Dinitrobenzene	SW8270C	5	14	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Acenaphthylene	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,6-Dinitrotoluene	SW8270C	5	14	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,2-Dinitrobenzene	SW8270C	5	23	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Acenaphthene	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4-Dinitrotoluene	SW8270C	5	12	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	5	30	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	5	33	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Diethylphthalate	SW8270C	5	8.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Fluorene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Bromophenyl phenyl ether	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Hexachlorobenzene	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Pentachlorophenol	SW8270C	5	26	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Phenanthrene	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Anthracene	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Carbazole	SW8270C	5	4.7	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Di-n-butylphthalate	SW8270C	5	8.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Fluoranthene	SW8270C	5	0.0032	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Pyrene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzyl butyl phthalate	SW8270C	5	6.1	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benz[a]anthracene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Chrysene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	5	18	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Di-n-octyl phthalate	SW8270C	5	5.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[b]fluoranthene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[k]fluoranthene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[a]pyrene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	5	4.0	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Dibenz[a,h]anthracene	SW8270C	5	3.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[g,h,i]perylene	SW8270C	5	3.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**88.8**		%	05/05/18	16:31	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**99.2**		%	05/05/18	16:31	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**93.0**		%	05/05/18	16:31	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**108**		%	05/05/18	16:31	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**114**		%	05/05/18	16:31	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**133**	S	%	05/05/18	16:31	MT	431463

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

NOTE: S-surrogate outside of control limits and Reporting limits were raised due to sample matrix (dark, viscous extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**12.2**	x	mg/Kg	05/08/18	21:23	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**28.7**		mg/Kg	05/08/18	21:23	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**84.5**		%	05/08/18	21:23	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	17:48	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	17:48	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	17:48	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	17:48	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**104**		%	05/04/18	17:48	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**106**		%	05/04/18	17:48	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**109**		%	05/04/18	17:48	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	17:48	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**71.3**		%	05/04/18	17:48	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:14	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:12	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**3.18**		mg/Kg	05/08/18	7:12	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**208**		mg/Kg	05/08/18	7:12	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**32.3**		mg/Kg	05/08/18	7:12	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.50**		mg/Kg	05/08/18	7:12	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**15.0**		mg/Kg	05/08/18	7:12	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**4.76**		mg/Kg	05/08/18	7:12	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**33.0**		mg/Kg	05/08/18	7:12	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**33.9**		mg/Kg	05/08/18	7:12	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**41.8**		mg/Kg	05/08/18	7:12	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	3:42	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	3:42	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**105**		%	05/08/18	3:42	MK	431481
DCBP (S)	SW8082A		48 - 135		**88.0**		%	05/08/18	3:42	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:00	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**99.6**		%	05/05/18	17:00	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**110**		%	05/05/18	17:00	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**79.3**		%	05/05/18	17:00	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**92.7**		%	05/05/18	17:00	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**98.1**		%	05/05/18	17:00	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**120**		%	05/05/18	17:00	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**9.70**	x	mg/Kg	05/08/18	21:47	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**17.0**		mg/Kg	05/08/18	21:47	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**80.3**		%	05/08/18	21:47	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:24	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	18:24	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:24	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:24	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**108**		%	05/04/18	18:24	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**103**		%	05/04/18	18:24	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**109**		%	05/04/18	18:24	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	18:24	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**75.8**		%	05/04/18	18:24	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:16	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:15	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**3.39**		mg/Kg	05/08/18	7:15	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**142**		mg/Kg	05/08/18	7:15	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**33.7**		mg/Kg	05/08/18	7:15	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.75**		mg/Kg	05/08/18	7:15	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**16.1**		mg/Kg	05/08/18	7:15	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**6.60**		mg/Kg	05/08/18	7:15	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**34.3**		mg/Kg	05/08/18	7:15	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**35.7**		mg/Kg	05/08/18	7:15	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**47.5**		mg/Kg	05/08/18	7:15	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	3:57	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	3:57	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**73.0**		%	05/08/18	3:57	MK	431481
DCBP (S)	SW8082A		48 - 135		**61.0**		%	05/08/18	3:57	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:28	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**87.6**		%	05/05/18	17:28	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**99.7**		%	05/05/18	17:28	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**71.5**		%	05/05/18	17:28	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**88.5**		%	05/05/18	17:28	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**96.3**		%	05/05/18	17:28	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**112**		%	05/05/18	17:28	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**12.0**	x	mg/Kg	05/08/18	22:10	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**21.7**		mg/Kg	05/08/18	22:10	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**87.9**		%	05/08/18	22:10	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:59	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	18:59	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:59	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:59	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**109**		%	05/04/18	18:59	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	05/04/18	18:59	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**106**		%	05/04/18	18:59	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	18:59	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**68.0**		%	05/04/18	18:59	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:19	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:18	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**104**		mg/Kg	05/08/18	7:18	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**29.5**		mg/Kg	05/08/18	7:18	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**6.75**		mg/Kg	05/08/18	7:18	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**12.2**		mg/Kg	05/08/18	7:18	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**6.60**		mg/Kg	05/08/18	7:18	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**28.0**		mg/Kg	05/08/18	7:18	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**31.1**		mg/Kg	05/08/18	7:18	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**36.3**		mg/Kg	05/08/18	7:18	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	4:11	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	4:11	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**110**		%	05/08/18	4:11	MK	431481
DCBP (S)	SW8082A		48 - 135		**92.0**		%	05/08/18	4:11	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:57	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**94.8**		%	05/05/18	17:57	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**107**		%	05/05/18	17:57	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**83.0**		%	05/05/18	17:57	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**96.8**		%	05/05/18	17:57	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**95.6**		%	05/05/18	17:57	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**117**		%	05/05/18	17:57	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**10.4**	x	mg/Kg	05/08/18	22:33	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**17.2**		mg/Kg	05/08/18	22:33	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**86.7**		%	05/08/18	22:33	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	19:35	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	19:35	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	19:35	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	19:35	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**108**		%	05/04/18	19:35	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	05/04/18	19:35	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**110**		%	05/04/18	19:35	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

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Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	19:35	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**72.9**		%	05/04/18	19:35	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:21	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:21	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**5.55**		mg/Kg	05/08/18	7:21	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**136**		mg/Kg	05/08/18	7:21	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**32.0**		mg/Kg	05/08/18	7:21	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.05**		mg/Kg	05/08/18	7:21	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**15.6**		mg/Kg	05/08/18	7:21	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**5.15**		mg/Kg	05/08/18	7:21	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**31.1**		mg/Kg	05/08/18	7:21	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**34.4**		mg/Kg	05/08/18	7:21	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**44.3**		mg/Kg	05/08/18	7:21	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	4:25	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	4:25	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**108**		%	05/08/18	4:25	MK	431513
DCBP (S)	SW8082A		48 - 135		**90.0**		%	05/08/18	4:25	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:25	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**70.2**		%	05/05/18	18:25	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**82.6**		%	05/05/18	18:25	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**83.1**		%	05/05/18	18:25	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**95.8**		%	05/05/18	18:25	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**77.2**		%	05/05/18	18:25	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**119**		%	05/05/18	18:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**9.45**	x	mg/Kg	05/08/18	22:57	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**18.4**		mg/Kg	05/08/18	22:57	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**84.4**		%	05/08/18	22:57	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:11	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	20:11	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:11	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:11	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**111**		%	05/04/18	20:11	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**110**		%	05/04/18	20:11	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**119**		%	05/04/18	20:11	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	20:11	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**59.6**		%	05/04/18	20:11	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:25	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:28	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**118**		mg/Kg	05/08/18	7:28	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**30.3**		mg/Kg	05/08/18	7:28	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.05**		mg/Kg	05/08/18	7:28	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**12.3**		mg/Kg	05/08/18	7:28	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**6.10**		mg/Kg	05/08/18	7:28	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**29.1**		mg/Kg	05/08/18	7:28	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**33.6**		mg/Kg	05/08/18	7:28	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**36.5**		mg/Kg	05/08/18	7:28	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	4:39	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	4:39	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**108**		%	05/08/18	4:39	MK	431513
DCBP (S)	SW8082A		48 - 135		**92.0**		%	05/08/18	4:39	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:54	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**58.2**		%	05/05/18	18:54	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**71.7**		%	05/05/18	18:54	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**80.6**		%	05/05/18	18:54	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**93.6**		%	05/05/18	18:54	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**61.0**		%	05/05/18	18:54	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**119**		%	05/05/18	18:54	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**11.0**	x	mg/Kg	05/08/18	23:20	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**18.2**		mg/Kg	05/08/18	23:20	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**90.5**		%	05/08/18	23:20	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:46	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	20:46	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:46	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:46	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**111**		%	05/04/18	20:46	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	05/04/18	20:46	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**113**		%	05/04/18	20:46	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	20:46	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**69.3**		%	05/04/18	20:46	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:27	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:31	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**3.15**		mg/Kg	05/08/18	7:31	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**138**		mg/Kg	05/08/18	7:31	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**34.4**		mg/Kg	05/08/18	7:31	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.85**		mg/Kg	05/08/18	7:31	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**15.4**		mg/Kg	05/08/18	7:31	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**5.65**		mg/Kg	05/08/18	7:31	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**34.3**		mg/Kg	05/08/18	7:31	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**35.4**		mg/Kg	05/08/18	7:31	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**43.9**		mg/Kg	05/08/18	7:31	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	5:22	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	5:22	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**86.0**		%	05/08/18	5:22	MK	431513
DCBP (S)	SW8082A		48 - 135		**76.0**		%	05/08/18	5:22	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:25	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**82.2**		%	05/07/18	14:25	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**71.1**		%	05/07/18	14:25	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**74.8**		%	05/07/18	14:25	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**88.9**		%	05/07/18	14:25	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**75.2**		%	05/07/18	14:25	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**96.4**		%	05/07/18	14:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	05/08/18	23:44	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	05/08/18	23:44	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**78.8**		%	05/08/18	23:44	mk	431550

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:00	NP	431484
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/06/18	22:00	NP	431484
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:00	NP	431484
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:00	NP	431484
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**114**		%	05/06/18	22:00	NP	431484
(S) Toluene-d8	SW8260B		55.2 - 133		**105**		%	05/06/18	22:00	NP	431484
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**114**		%	05/06/18	22:00	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/6/18	5:48:00AM
Prep Batch ID:	1104798	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/06/18	22:00	NP	431484
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**57.1**		%	05/06/18	22:00	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:34	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:34	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**111**		mg/Kg	05/08/18	7:34	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**30.6**		mg/Kg	05/08/18	7:34	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**6.25**		mg/Kg	05/08/18	7:34	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**13.1**		mg/Kg	05/08/18	7:34	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**5.95**		mg/Kg	05/08/18	7:34	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**28.1**		mg/Kg	05/08/18	7:34	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**31.1**		mg/Kg	05/08/18	7:34	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**37.5**		mg/Kg	05/08/18	7:34	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	5:36	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	5:36	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**93.0**		%	05/08/18	5:36	MK	431513
DCBP (S)	SW8082A		48 - 135		**77.0**		%	05/08/18	5:36	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:54	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**48.7**		%	05/07/18	14:54	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**12.1**	S	%	05/07/18	14:54	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**53.8**		%	05/07/18	14:54	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**72.0**		%	05/07/18	14:54	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**45.3**		%	05/07/18	14:54	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**57.6**		%	05/07/18	14:54	MT	431463

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

NOTE: S-surrogate outside of control limits due to possible matrix interference

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	05/09/18	0:07	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	05/09/18	0:07	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**72.4**		%	05/09/18	0:07	mk	431550

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:36	NP	431484
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/06/18	22:36	NP	431484
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:36	NP	431484
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:36	NP	431484
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**110**		%	05/06/18	22:36	NP	431484
(S) Toluene-d8	SW8260B		55.2 - 133		**99.8**		%	05/06/18	22:36	NP	431484
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**110**		%	05/06/18	22:36	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/6/18	5:48:00AM
Prep Batch ID:	1104798	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/06/18	22:36	NP	431484
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**68.8**		%	05/06/18	22:36	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/11/18

Client Sample ID:	S1-4 COMPOSITE	**Lab Sample ID:**	1805043-013A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 /		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/4/18 12:50:00PM
Prep Batch ID:	1104762	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.38	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
gamma-BHC (Lindane)	SW8081B	3	0.48	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
beta-BHC	SW8081B	3	0.95	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
delta-BHC	SW8081B	3	0.47	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Heptachlor	SW8081B	3	0.32	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Aldrin	SW8081B	3	0.59	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Heptachlor Epoxide	SW8081B	3	0.23	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
gamma-Chlordane	SW8081B	3	0.49	6.0	**25.0**		ug/Kg	05/08/18	18:37	LA	431518
alpha-Chlordane	SW8081B	3	0.52	6.0	**24.4**		ug/Kg	05/08/18	18:37	LA	431518
4,4-DDE	SW8081B	3	0.58	6.0	**8.31**		ug/Kg	05/08/18	18:37	LA	431518
Endosulfan I	SW8081B	3	0.55	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Dieldrin	SW8081B	3	0.44	6.0	**53.4**		ug/Kg	05/08/18	18:37	LA	431518
Endrin	SW8081B	3	0.56	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
4,4-DDD	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Endosulfan II	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
4,4-DDT	SW8081B	3	0.39	6.0	**18.8**		ug/Kg	05/08/18	18:37	LA	431518
Endrin Aldehyde	SW8081B	3	0.45	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Methoxychlor	SW8081B	3	0.60	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Endosulfan Sulfate	SW8081B	3	0.35	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Endrin Ketone	SW8081B	3	0.28	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Chlordane	SW8081B	3	6.3	60	**278**		ug/Kg	05/08/18	18:37	LA	431518
Toxaphene	SW8081B	3	26	150	ND		ug/Kg	05/08/18	18:37	LA	431518
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**100**		%	05/08/18	18:37	LA	431518
DCBP (S)	SW8081B		38 - 135		**92.6**		%	05/08/18	18:37	LA	431518

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

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/04/18	**Prep Batch:**	1104762
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431460
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.13	2.0	ND	
gamma-BHC (Lindane)	0.16	2.0	ND	
beta-BHC	0.32	2.0	ND	
delta-BHC	0.16	2.0	ND	
Heptachlor	0.11	2.0	ND	
Aldrin	0.20	2.0	ND	
Heptachlor Epoxide	0.078	2.0	ND	
gamma-Chlordane	0.16	2.0	ND	
alpha-Chlordane	0.17	2.0	ND	
4,4-DDE	0.19	2.0	ND	
Endosulfan I	0.18	2.0	ND	
Dieldrin	0.15	2.0	ND	
Endrin	0.19	2.0	ND	
4,4-DDD	0.57	2.0	ND	
Endosulfan II	0.58	2.0	ND	
4,4-DDT	0.13	2.0	ND	
Endrin Aldehyde	0.15	2.0	ND	
Methoxychlor	0.20	2.0	ND	
Endosulfan Sulfate	0.12	2.0	ND	
Endrin Ketone	0.094	2.0	ND	
Chlordane	2.1	20	ND	
Toxaphene	8.5	50	ND	
TCMX (S)			105	
DCBP (S)			95.4	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/04/18	**Prep Batch:**	1104766
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431474
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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)			94.0	
DCBP (S)			102	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546-BNASIM	**Prep Date:**	05/04/18	**Prep Batch:**	1104774
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431463
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
N-Nitrosdimethylamine	0.22	100	ND	
Phenol	1.7	100	ND	
Bis(2-chloroethyl) ether	0.50	50	0.819	J
2-Chlorophenol	1.2	100	ND	
1,3-Dichlorobenzene	0.50	50	ND	
1,4-Dichlorobenzene	1.1	50	ND	
1,2-Dichlorobenzene	0.50	50	ND	
2-Methylphenol (o-Cresol)	1.0	100	ND	
Bis(2-chloroisopropyl)ether	0.50	50	ND	
3-/4-Methylphenol (p-/m-Cresol)	1.2	100	ND	
N-nitroso-di-n-propylamine	1.3	100	5.21	J
Hexachloroethane	0.29	50	0.802	J
Nitrobenzene	0.65	50	0.861	J
2-Nitrophenol	1.0	100	ND	
2,4-Dimethylphenol	1.2	100	ND	
Bis(2-Chloroethoxy)methane	3.6	50	ND	
2,4-Dichlorophenol	0.36	100	ND	
1,2,4-Trichlorobenzene	0.50	50	ND	
Naphthalene	0.29	50	0.294	J
4-Chloroaniline	0.50	100	ND	
2,6-Dichlorophenol	0.36	100	ND	
Hexachloro-1,3-butadiene	0.36	50	ND	
4-Chloro-3-methylphenol	1.0	100	ND	
2-Methylnaphthalene	0.50	50	ND	
1-Methylnaphthalene	0.43	50	ND	
2,4,6-Trichlorophenol	0.65	100	0.730	J
2,4,5-Trichlorophenol	0.58	100	ND	
2-Chloronaphthalene	0.65	50	ND	
1,4-Dinitrobenzene	3.3	100	ND	
Dimethyl phthalate	0.65	50	ND	
1,3-Dinitrobenzene	2.7	100	ND	
Acenaphthylene	0.29	50	ND	
2,6-Dinitrotoluene	2.9	50	ND	
1,2-Dinitrobenzene	4.7	100	ND	
Acenaphthene	0.29	50	0.319	J
Dibenzofuran	0.58	50	ND	
2,4-Dinitrotoluene	2.4	50	ND	
2,3,5,6-Tetrachlorophenol	6.0	100	ND	
2,3,4,6-Tetrachlorophenol	6.6	100	ND	
Diethylphthalate	1.7	50	ND	
Fluorene	0.50	50	ND	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546-BNASIM	**Prep Date:**	05/04/18	**Prep Batch:**	1104774
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431463
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
4-Chlorophenyl phenyl ether	0.65	50	ND	
4-Bromophenyl phenyl ether	0.36	50	ND	
Hexachlorobenzene	0.36	50	ND	
Pentachlorophenol	5.2	100	ND	
Phenanthrene	0.36	50	0.396	J
Anthracene	0.65	50	ND	
Carbazole	0.94	100	1.10	J
Di-n-butylphthalate	1.7	50	ND	
Fluoranthene	0.65	50	ND	
Pyrene	0.58	50	0.733	J
Benzyl butyl phthalate	1.2	50	1.97	J
Benz[a]anthracene	0.58	50	1.78	J
Chrysene	0.50	50	1.73	J
Bis(2-Ethylhexyl)phthalate	3.6	50	6.41	J
Di-n-octyl phthalate	1.1	50	ND	
Benzo[b]fluoranthene	0.58	50	1.16	J
Benzo[k]fluoranthene	0.50	50	1.38	J
Benzo[a]pyrene	0.58	50	0.940	J
Indeno[1,2,3-cd]pyrene	0.79	50	1.22	J
Dibenz[a,h]anthracene	0.72	50	0.831	J
Benzo[g,h,i]perylene	0.72	50	0.966	J
2-Fluorophenol (S)			85.9	
Phenol-d6 (S)			83.6	
Nitrobenzene-d5 (S)			67.9	
2-Fluorobiphenyl (S)			78.8	
2,4,6-Tribromophenol (S)			58.7	
p-Terphenyl-d14 (S)			105	

MB Summary Report

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/04/18	**Prep Batch:**	1104779
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
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:	1805043	**Prep Method:**	5035	**Prep Date:**	05/04/18	**Prep Batch:**	1104779
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	1.9	
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	1.7	
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	1.9	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	2.1	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	2.4	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	2.8	
1,2,4-Trichlorobenzene	1.5	10	3.5	
Naphthalene	1.7	10	4.6	
1,2,3-Trichlorobenzene	1.7	10	3.8	
2-Butanone	1.7	10	ND	
(S) Dibromofluoromethane			92.3	
(S) Toluene-d8			94.1	
(S) 4-Bromofluorobenzene			98.0	

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/04/18	**Prep Batch:**	1104780
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	ND	
(S) 4-Bromofluorobenzene			95.0	

MB Summary Report

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
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:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
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	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	2.5	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	1.7	10	ND	
(S) Dibromofluoromethane			108	
(S) Toluene-d8			99.0	
(S) 4-Bromofluorobenzene			109	

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/06/18	**Prep Batch:**	1104798
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	ND	
(S) 4-Bromofluorobenzene			98.1	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/07/18	**Prep Batch:**	1104821
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431511
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.10	
Arsenic	0.15	1.30	0.46	
Barium	0.055	5.00	0.20	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.29	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	0.36	
Molybdenum	0.050	5.00	0.48	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	0.36	
Silver	0.15	5.00	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	0.15	
Zinc	0.30	5.00	ND	

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/07/18	**Prep Batch:**	1104823
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431513
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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)			117	
DCBP (S)			106	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546_TPHSG	**Prep Date:**	05/07/18	**Prep Batch:**	1104828
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431550
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	0.906	
TPH as Motor Oil (SG)	3.2	10	ND	
Pentacosane (S)			93.0	

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/08/18	**Prep Batch:**	1104836
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431530
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.12	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	0.15	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.84	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	0.28	
Molybdenum	0.050	5.00	0.21	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	ND	
Silver	0.15	5.00	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	0.18	
Zinc	0.30	5.00	0.36	

Work Order:	1805043	**Prep Method:**	7471BP	**Prep Date:**	05/08/18	**Prep Batch:**	1104837
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431538
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

MB Summary Report

Work Order:	1805043	**Prep Method:**	WET/3010B	**Prep Date:**	05/21/18	**Prep Batch:**	1105173
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/21/2018	**Analytical Batch:**	431818
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.025	
Lead (STLC)	0.050	0.20	ND	

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/19/18	**Prep Batch:**	1105174
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/22/2018	**Analytical Batch:**	431909
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.13	2.0	ND	
gamma-BHC (Lindane)	0.16	2.0	ND	
beta-BHC	0.32	2.0	ND	
delta-BHC	0.16	2.0	ND	
Heptachlor	0.11	2.0	ND	
Aldrin	0.20	2.0	ND	
Heptachlor Epoxide	0.078	2.0	ND	
gamma-Chlordane	0.16	2.0	ND	
alpha-Chlordane	0.17	2.0	ND	
4,4-DDE	0.19	2.0	ND	
Endosulfan I	0.18	2.0	ND	
Dieldrin	0.15	2.0	ND	
Endrin	0.19	2.0	ND	
4,4-DDD	0.57	2.0	ND	
Endosulfan II	0.58	2.0	ND	
4,4-DDT	0.13	2.0	ND	
Endrin Aldehyde	0.15	2.0	ND	
Methoxychlor	0.20	2.0	ND	
Endosulfan Sulfate	0.12	2.0	ND	
Endrin Ketone	0.094	2.0	ND	
Chlordane	2.1	20	ND	
Toxaphene	8.5	50	ND	
TCMX (S)			86.0	
DCBP (S)			84.4	

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/04/18	**Prep Batch:**	1104762
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431460
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	110	112	2.25	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	113	117	3.48	40 - 130	30	
Aldrin	0.20	2.0	ND	40	108	109	1.61	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	103	105	1.69	60 - 130	30	
Endrin	0.19	2.0	ND	40	111	112	1.57	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	110	113	2.91	45 - 140	30	
TCMX (S)				100	99.8	98.8		48 - 125		
DCBP (S)				100	93.6	92.0		38 - 135		

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/04/18	**Prep Batch:**	1104766
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431474
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	140	118	23.8	25 - 145	30	
Aroclor1260	36	100	ND	600	131	101	25.4	30 - 145	30	
TCMX (S)				0.10	118	93.0		48 - 125		
DCBP (S)				0.10	129	100		48 - 135		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546-BNASIM	**Prep Date:**	05/04/18	**Prep Batch:**	1104774
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431463
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	18	100	ND	800	77.3	76.8	0.648	40 - 100	30	
2-Chlorophenol	1.2	100	ND	800	86.8	84.8	2.19	45 - 105	30	
1,4-Dichlorobenzene	1.1	50	0.819	400	77.5	75.8	2.28	35 - 105	30	
N-nitroso-di-n-propylamine	1.3	100	ND	800	84.9	81.9	3.60	40 - 115	30	
1,2,4-Trichlorobenzene	0.50	50	ND	400	80.4	78.1	3.15	45 - 110	30	
4-Chloro-3-methylphenol	1.0	100	ND	800	78.2	77.7	0.641	45 - 110	30	
Acenaphthene	0.29	50	ND	400	83.0	80.6	2.75	45 - 110	30	
2,4-Dinitrotoluene	2.4	50	ND	400	77.5	76.2	1.63	50 - 115	30	
Pentachlorophenol	5.2	100	ND	800	92.7	91.6	1.09	25 - 120	30	
Pyrene	0.58	50	ND	400	99.9	97.4	2.53	45 - 125	30	
2-Fluorophenol (S)				11100	83.8	81.1		25 - 125		
Phenol-d6 (S)				11100	86.0	82.3		25 - 125		
Nitrobenzene-d5 (S)				5560	70.7	67.5		35 - 125		
2-Fluorobiphenyl (S)				5560	84.1	79.6		35 - 125		
2,4,6-Tribromophenol (S)				11100	65.7	56.3		25 - 125		
p-Terphenyl-d14 (S)				5560	111	107		35 - 125		

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/04/18	**Prep Batch:**	1104779
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	103	102	0.979	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	99.5	102	1.99	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	99.7	101	1.59	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	104	100	3.33	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	99.0	97.7	1.42	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	96.5	97.9		59.8 - 148		
(S) Toluene-d8				50.0	103	98.1		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	104	101		55.8 - 141		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/04/18	**Prep Batch:**	1104780
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	118	105	11.7	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	109	108		43.9 - 127		

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	93.8	93.2	0.642	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	99.7	98.5	1.41	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	98.8	97.6	1.22	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	99.0	98.4	0.608	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	98.5	98.2	0.203	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	98.3	96.8		59.8 - 148		
(S) Toluene-d8				50.0	96.3	95.1		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	100	98.8		55.8 - 141		

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/06/18	**Prep Batch:**	1104798
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/7/2018	**Analytical Batch:**	431484
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	90.6	93.4	3.04	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	102	108		43.9 - 127		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/07/18	**Prep Batch:**	1104821
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431511
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	0.10	50	93.2	93.9	0.855	80 - 120	30	
Arsenic	0.15	1.30	0.46	50	93.2	93.3	0.214	80 - 120	30	
Barium	0.055	5.00	0.20	50	99.9	101	0.995	80 - 120	30	
Beryllium	0.055	5.00	ND	50	97.7	97.8	0.000	80 - 120	30	
Cadmium	0.10	5.00	ND	50	96.0	96.1	0.208	80 - 120	30	
Chromium	0.075	5.00	0.29	50	101	101	0.000	80 - 120	30	
Cobalt	0.070	5.00	ND	50	98.3	98.7	0.406	80 - 120	30	
Copper	0.20	5.00	ND	50	102	102	0.000	80 - 120	30	
Lead	0.10	3.00	0.36	50	97.2	97.7	0.615	80 - 120	30	
Molybdenum	0.050	5.00	0.48	50	101	102	0.985	80 - 120	30	
Nickel	0.50	5.00	ND	50	98.3	98.5	0.203	80 - 120	30	
Selenium	0.22	5.00	0.36	50	80.9	81.8	0.983	80 - 120	30	
Silver	0.15	5.00	ND	50	98.4	100	1.61	80 - 120	30	
Thallium	0.20	5.00	ND	50	96.2	96.5	0.415	80 - 120	30	
Vanadium	0.10	5.00	0.15	50	101	101	0.000	80 - 120	30	
Zinc	0.30	5.00	ND	50	94.2	95.1	1.06	80 - 120	30	

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/07/18	**Prep Batch:**	1104823
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431513
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	140	106	27.4	25 - 145	30	
Aroclor1260	36	100	ND	600	128	96.0	28.8	30 - 145	30	
TCMX (S)				0.10	114	95.0		48 - 125		
DCBP (S)				0.10	115	87.0		48 - 135		

Work Order:	1805043	**Prep Method:**	3546_TPHSG	**Prep Date:**	05/07/18	**Prep Batch:**	1104828
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431550
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	0.906	25.0	97.1	101	3.64	52 - 115	30	
TPH as Motor Oil (SG)			ND	200				59 - 129		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/08/18	**Prep Batch:**	1104836
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431530
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	0.12	50	96.0	91.5	4.69	80 - 120	30	
Arsenic	0.15	1.30	ND	50	94.9	90.8	4.52	80 - 120	30	
Barium	0.055	5.00	0.15	50	103	98.1	4.77	80 - 120	30	
Beryllium	0.055	5.00	ND	50	99.9	95.2	4.92	80 - 120	30	
Cadmium	0.10	5.00	ND	50	97.2	93.0	4.42	80 - 120	30	
Chromium	0.075	5.00	0.84	50	103	98.3	4.57	80 - 120	30	
Cobalt	0.070	5.00	ND	50	101	95.7	5.28	80 - 120	30	
Copper	0.20	5.00	ND	50	106	101	4.83	80 - 120	30	
Lead	0.10	3.00	0.28	50	99.3	95.2	4.32	80 - 120	30	
Molybdenum	0.050	5.00	0.21	50	103	98.3	4.57	80 - 120	30	
Nickel	0.50	5.00	ND	50	101	95.6	5.49	80 - 120	30	
Selenium	0.22	5.00	ND	50	83.1	80.0	4.67	80 - 120	30	
Silver	0.15	5.00	ND	50	99.5	94.9	4.73	80 - 120	30	
Thallium	0.20	5.00	ND	50	98.5	93.7	4.99	80 - 120	30	
Vanadium	0.10	5.00	0.18	50	104	98.6	5.33	80 - 120	30	
Zinc	0.30	5.00	0.36	50	96.4	92.4	4.24	80 - 120	30	

Work Order:	1805043	**Prep Method:**	7471BP	**Prep Date:**	05/08/18	**Prep Batch:**	1104837
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431538
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	96.5	93.3	3.36	80 - 120	30	

Work Order:	1805043	**Prep Method:**	WET/3010B	**Prep Date:**	05/21/18	**Prep Batch:**	1105173
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/21/2018	**Analytical Batch:**	431818
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.025	10	102	98.6	3.39	80 - 120	20	
Lead (STLC)	0.050	0.20	ND	10	101	97.4	3.63	80 - 120	20	

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LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/19/18	**Prep Batch:**	1105174
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/22/2018	**Analytical Batch:**	431909
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	112	112	0.447	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	108	108	0.231	40 - 130	30	
Aldrin	0.20	2.0	ND	40	109	109	0.689	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	106	106	0.472	60 - 130	30	
Endrin	0.19	2.0	ND	40	108	108	0.695	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	103	103	0.243	45 - 140	30	
TCMX (S)				100	88.5	89.0		48 - 125		
DCBP (S)				100	86.1	87.0		38 - 135		

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	**Soil**	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/7/2018	**Analytical Batch:**	431484
Spiked Sample:	1805043-012A						
Units:	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	98.8	109	9.45	55 - 125	30	
Benzene	2.2	10	ND	50	111	121	8.61	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	106	118	10.7	55 - 125	30	
Toluene	1.8	10	ND	50	106	123	13.8	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	103	118	12.9	55 - 125	30	
(S) Dibromofluoromethane				50	113	124		59.8 - 148		
(S) Toluene-d8				50	107	123		55.2 - 133		
(S) 4-Bromofluorobenzene				50	116	128		55.8 - 141		

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/07/18	**Prep Batch:**	1104821
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431511
Spiked Sample:	1805043-005A						
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	50	104	79.8	25.3	30.7 - 130	30	
Arsenic	0.15	1.30	6.95	50	117	90.1	23.0	71.0 - 121	30	
Barium	0.055	5.00	124	50	196	75.0	31.3	70.2 - 130	30	S,R
Beryllium	0.055	5.00	ND	50	123	96.6	23.8	73.3 - 115	30	S
Cadmium	0.10	5.00	ND	50	117	92.8	23.1	80.0 - 110	30	S
Chromium	0.075	5.00	18.2	50	134	98.6	23.0	76.0 - 116	30	S
Cobalt	0.070	5.00	6.15	50	126	95.7	24.4	57.4 - 122	30	S
Copper	0.20	5.00	21.6	50	148	106	24.7	74.8 - 119	30	S
Lead	0.10	3.00	90.5	50	105	71.0	12.6	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	122	94.9	25.3	62.9 - 123	30	
Nickel	0.50	5.00	14.4	50	130	96.2	23.9	61.5 - 122	30	S
Selenium	0.22	5.00	ND	50	101	79.8	23.5	62.0 - 111	30	
Silver	0.15	5.00	ND	50	132	104	23.7	81.1 - 109	30	S
Thallium	0.20	5.00	ND	50	117	91.9	23.9	39.2 - 125	30	
Vanadium	0.10	5.00	20.8	50	143	101	25.6	65.8 - 122	30	S
Zinc	0.30	5.00	132	50	77.0	7.00	22.8	59.9 - 122	30	S

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/07/18	**Prep Batch:**	1104823
Matrix:	**Soil**	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431513
Spiked Sample:	1805043-012A						
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	120	116	3.40	25 - 145	30	
Aroclor1260	36.0	100	ND	600	100	113	12.0	30 - 145	30	
TCMX (S)				0.10	91.0	111		48 - 125		
DCBP (S)				0.10	89.0	104		48 - 135		

Work Order:	1805043	**Prep Method:**	3546_TPHSG	**Prep Date:**	05/07/18	**Prep Batch:**	1104828
Matrix:	**Soil**	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431550
Spiked Sample:	1805043-012A						
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	ND	25.0	90.0	108	17.4	52 - 115	30	
Pentacosane (S)				200	74.3	76.6		59 - 129		

Work Order:	1805043	**Prep Method:**	7471BP	**Prep Date:**	05/08/18	**Prep Batch:**	1104837
Matrix:	**Soil**	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431538
Spiked Sample:	1805043-005A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	121	123	1.88	75 - 125	30	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

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

Sample Receipt Checklist

Client Name: Engeo (San Ramon)

Project Name: Del Hombre

Work Order No.: 1805043

Date and Time Received: 5/4/2018 3:08:00PM

Received By: Helena Ueng

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: FedEx SameDay

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: 13.0 °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A

pH Checked by: N/A

pH Adjusted by: N/A

Comments:

Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)	**QC Level:**	II
Project Name:	Del Hombre		**TAT Requested:**	3 Day Std:3
Project # :	14813.000.000		**Date Received:**	5/4/2018
Report Due Date:	5/23/2018		**Time Received:**	3:08 pm

Comments:

Work Order # : ***1805043***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1805043-001A	S-1	05/04/18 9:25	Soil	10/31/18			Composite Pest_S_8081OCP	
1805043-002A	S-2	05/04/18 9:35	Soil	10/31/18			Composite Pest_S_8081OCP Met_S_AsPb	
Sample Note:	-002A: Discrete analyses for OCPs, As&Pb							
1805043-003A	S-3	05/04/18 9:45	Soil	10/31/18			Composite Pest_S_8081OCP	
1805043-004A	S-4	05/04/18 9:15	Soil	10/31/18			Composite Pest_S_8081OCP	
1805043-005A	B-1@1'	05/04/18 10:10	Soil	10/31/18			VOC_S_8260B VOC_S_GRO TPHDOSG_S_8015B PCBs_S_8082A SVO_BNASIM Full Hg_S_7471B Met_S_6010B CAM17 Met_S_CAM17STLC	
1805043-006A	B-1@5'	05/04/18 10:15	Soil	10/31/18			Hg_S_7471B Met_S_6010B CAM17 PCBs_S_8082A SVO_BNASIM Full TPHDOSG_S_8015B VOC_S_8260B VOC_S_GRO	
1805043-007A	B-2@1'	05/04/18 10:20	Soil	10/31/18			Hg_S_7471B VOC_S_GRO VOC_S_8260B TPHDOSG_S_8015B SVO_BNASIM Full	

Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)	**QC Level:**	II
Project Name:	Del Hombre		**TAT Requested:**	3 Day Std:3
Project # :	14813.000.000		**Date Received:**	5/4/2018
Report Due Date:	5/23/2018		**Time Received:**	3:08 pm

Comments:

Work Order # : ***1805043***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1805043-008A	B-2@5'	05/04/18 10:25	Soil	10/31/18			PCBs_S_8082A Met_S_6010B CAM17 Hg_S_7471B VOC_S_GRO VOC_S_8260B TPHDOSG_S_8015B SVO_BNASIM Full	
1805043-009A	B-3@1'	05/04/18 10:30	Soil	10/31/18			PCBs_S_8082A Met_S_6010B CAM17 Hg_S_7471B VOC_S_GRO VOC_S_8260B TPHDOSG_S_8015B SVO_BNASIM Full	
1805043-010A	B-3@5'	05/04/18 10:35	Soil	10/31/18			PCBs_S_8082A Met_S_6010B CAM17 Hg_S_7471B VOC_S_GRO VOC_S_8260B TPHDOSG_S_8015B SVO_BNASIM Full	
1805043-011A	B-4@1'	05/04/18 10:00	Soil	10/31/18			PCBs_S_8082A Met_S_6010B CAM17 Hg_S_7471B VOC_S_GRO VOC_S_8260B TPHDOSG_S_8015B SVO_BNASIM Full	
1805043-012A	B-4@5'	05/04/18 10:05	Soil	10/31/18			PCBs_S_8082A Met_S_6010B CAM17 Hg_S_7471B Met_S_6010B CAM17	

Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)	**QC Level:**	II
Project Name:	Del Hombre		**TAT Requested:**	3 Day Std:3
Project # :	14813.000.000		**Date Received:**	5/4/2018
Report Due Date:	5/23/2018		**Time Received:**	3:08 pm

Comments:

Work Order # : ***1805043***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1805043-013A	S1-4 COMPOSITE	05/04/18	Soil	10/31/18			PCBs_S_8082A SVO_BNASIM Full TPHDOSG_S_8015B VOC_S_8260B VOC_S_GRO Pest_S_8081OCP	

Torrent LABORATORY, INC.

1805043

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 14813.000.000
PROJECT NAME: Del Hombre
SAMPLED BY: (SIGNATURE/PRINT) Stephen Fallon
PROJECT MANAGER: (SIGNATURE/PRINT) Divya
ROUTING: E-MAIL dbhargava@engeo.com HARD COPY

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	OCPs (8081)	Lead and arsenic (6010)	TPH-g/VOCs (8260)	TPH-d/mo (8015 with SG)	PCBs (8082)	SVOCs (8270 SIM)	Cam-17 (6010/7471)										REMARKS REQUIRED DETECTION LIMITS
S-1	5/4/2018	9:25	Soil	1	sleeve	-	X									001A							-013A 4:1 comp
S-2	5/4/2018	9:35	Soil	1	sleeve	-		X								-002A							Analyze 4-point composite sample for OCPs
S-3	5/4/2018	9:45	Soil	1	sleeve	-										003A							Also analyze S-2 for OCPs on discrete basis
S-4	5/4/2018	9:15	Soil	1	sleeve	-										004A							
B-1@1'	5/4/2018	10:10	Soil	1	sleeve	-			X	X	X	X	X			-005A							
B-1@5"	5/4/2018	10:15	Soil	1	sleeve	-			X	X	X	X	X			-006A							
B-2@1'	5/4/2018	10:20	Soil	1	sleeve	-			X	X	X	X	X			-007A							
B-2@5'	5/4/2018	10:25	Soil	1	sleeve	-			X	X	X	X	X			-008A							
B-3@1'	5/4/2018	10:30	Soil	1	sleeve	-			X	X	X	X	X			-009A							
B-3@5'	5/4/2018	10:35	Soil	1	sleeve	-			X	X	X	X	X			-010A							
B-4@1'	5/4/2018	10:00	Soil	1	sleeve	-			X	X	X	X	X			-011A							
B-4@5'	5/4/2018	10:05	Soil	1	sleeve	-			X	X	X	X	X			-012A							

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
	5/4/18 11:30				
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
				5/4/18 1508	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE/TIME	REMARKS	
				- Standard Turnaround	

ENGEO INCORPORATED
2010 CROW CANYON PLACE SUITE 250
SAN RAMON, CALIFORNIA 94583
(925) 866-9000 FAX (925) 866-0199
WWW.ENGEO.COM

DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT, COPY TO PROJECT FIELD FILES

FedEx City T=13°C #2

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.

Change Order

Work Order: 1805043 **Serial #:** CO18-0237 **Print Date:** 5/18/2018

Project Name: Del Hombre

Client: Engeo (San Ramon) **Requested By:** Kelsey Gerhart

	Requested Date	Requested Time	Extended Price
Additional Test--OCPs for 001-004; STLC Pb for 005	5/18/2018	10:30:00AM	

483 Sinclair Frontage Rd., Milpitas, CA 95035 | *tel:* 408.263.5258 | *fax:* 408.263.8293 | www.torrentlab.com

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

RE: Del Hombre

Work Order No.: 1805043 Rev: 3

Dear Divya Bhargava:

Torrent Laboratory, Inc. received 12 sample(s) on May 04, 2018 for the analyses presented in the following Report.

As requested on the Chain of Custody, sample S-2 was analyzed on a discrete basis for Arsenic and Lead. S-1-S-4 were used to prepare a 4:1 point composite for pesticide analysis.

The other samples were analyzed on a discrete basis.

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.

Patti L Sandrock
QA Officer

May 24, 2018
Date

Date: 5/24/2018

Client: Engeo (San Ramon)

Project: Del Hombre

Work Order: 1805043

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

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

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

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

Analytical Comments for method Met_S_6010B CAM17, 1805043-005A MS/MSD, QC Analytical Preparation ID 1104821, Note:The % recoveries for several analytes are outside of laboratory control limits but % RPD is within limits except for Beryllium. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.

REVISIONS

Report revised to correct the sample ID for sample 006A.

Rev. 1 (5/11/18)

Per client request, report revised to include pesticide data for discrete samples 001, 003-004. Report also revised to include STLC data for sample 005.

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: 5/19/18 at 10:00 AM to 5/21/18 at 8:55 AM.

Rev. 2 (5/23/18)

Report revised to include TCLP data for sample 001 and pesticide data for additional discrete samples. Analyses were performed outside of the recommended holding time per client request.

TCLP

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

Date Prepared: 5/30/18 at 7:22 PM to 5/31/18 at 1:08 PM

Rev. 3 (6/4/18)

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/24/18

S-1 1805043-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Heptachlor Epoxide	SW8081B	10	0.78	20	18.3	ug/Kg
gamma-Chlordane	SW8081B	10	1.6	20	111	ug/Kg
alpha-Chlordane	SW8081B	10	1.7	20	111	ug/Kg
4,4-DDE	SW8081B	10	1.9	20	7.60	ug/Kg
4,4-DDT	SW8081B	10	1.3	20	4.30	ug/Kg
Methoxychlor	SW8081B	10	2.0	20	31.1	ug/Kg
Chlordane	SW8081B	10	21	200	1000	ug/Kg

S-2 1805043-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.3	13.1	mg/Kg
Lead	SW6010B	1	0.12	3.0	36.5	mg/Kg
alpha-Chlordane	SW8081B	3	0.52	6.0	4.32	ug/Kg
4,4-DDE	SW8081B	3	0.58	6.0	25.5	ug/Kg
Dieldrin	SW8081B	3	0.44	6.0	9.03	ug/Kg
4,4-DDT	SW8081B	3	0.39	6.0	39.8	ug/Kg

S-3 1805043-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
gamma-Chlordane	SW8081B	10	1.6	20	1.60	ug/Kg
alpha-Chlordane	SW8081B	10	1.7	20	1.74	ug/Kg
4,4-DDE	SW8081B	10	1.9	20	7.20	ug/Kg
4,4-DDT	SW8081B	10	1.3	20	9.00	ug/Kg

S-4 1805043-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
gamma-Chlordane	SW8081B	10	1.6	20	5.10	ug/Kg
alpha-Chlordane	SW8081B	10	1.7	20	8.90	ug/Kg
4,4-DDE	SW8081B	10	1.9	20	10.0	ug/Kg
Dieldrin	SW8081B	10	1.5	20	253	ug/Kg
4,4-DDT	SW8081B	10	1.3	20	18.9	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/24/18

B-1@1' 1805043-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	6.95	mg/Kg
Barium	SW6010B	1	0.055	5.00	124	mg/Kg
Chromium	SW6010B	1	0.075	5.00	18.2	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.15	mg/Kg
Copper	SW6010B	1	0.20	5.00	21.6	mg/Kg
Lead	SW6010B	1	0.10	1.30	90.5	mg/Kg
Nickel	SW6010B	1	0.50	5.00	14.4	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	20.8	mg/Kg
Zinc	SW6010B	1	0.30	5.00	132	mg/Kg
Lead (STLC)	SW6010B	1	0.050	0.20	1.08	mg/L
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	12.2	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	28.7	mg/Kg

B-1@5' 1805043-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	3.18	mg/Kg
Barium	SW6010B	1	0.055	5.00	208	mg/Kg
Chromium	SW6010B	1	0.075	5.00	32.3	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.50	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.0	mg/Kg
Lead	SW6010B	1	0.10	1.30	4.76	mg/Kg
Nickel	SW6010B	1	0.50	5.00	33.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	33.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	41.8	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	9.70	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	17.0	mg/Kg

B-2@1' 1805043-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	3.39	mg/Kg
Barium	SW6010B	1	0.055	5.00	142	mg/Kg
Chromium	SW6010B	1	0.075	5.00	33.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.75	mg/Kg
Copper	SW6010B	1	0.20	5.00	16.1	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.60	mg/Kg
Nickel	SW6010B	1	0.50	5.00	34.3	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	35.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	47.5	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	12.0	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	21.7	mg/Kg

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/24/18

B-2@5' 1805043-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Barium	SW6010B	1	0.055	5.00	104	mg/Kg
Chromium	SW6010B	1	0.075	5.00	29.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.75	mg/Kg
Copper	SW6010B	1	0.20	5.00	12.2	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.60	mg/Kg
Nickel	SW6010B	1	0.50	5.00	28.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	31.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	36.3	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	10.4	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	17.2	mg/Kg

B-3@1' 1805043-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	5.55	mg/Kg
Barium	SW6010B	1	0.055	5.00	136	mg/Kg
Chromium	SW6010B	1	0.075	5.00	32.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.05	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.6	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.15	mg/Kg
Nickel	SW6010B	1	0.50	5.00	31.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	34.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	44.3	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	9.45	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	18.4	mg/Kg

B-3@5' 1805043-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Barium	SW6010B	1	0.055	5.00	118	mg/Kg
Chromium	SW6010B	1	0.075	5.00	30.3	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.05	mg/Kg
Copper	SW6010B	1	0.20	5.00	12.3	mg/Kg
Lead	SW6010B	1	0.10	1.30	6.10	mg/Kg
Nickel	SW6010B	1	0.50	5.00	29.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	33.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	36.5	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	11.0	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	18.2	mg/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date Received: 05/04/18
Date Reported: 05/24/18

B-4@1' 1805043-011

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	3.00	3.15	mg/Kg
Barium	SW6010B	1	0.055	5.00	138	mg/Kg
Chromium	SW6010B	1	0.075	5.00	34.4	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.85	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.4	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.65	mg/Kg
Nickel	SW6010B	1	0.50	5.00	34.3	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	35.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	43.9	mg/Kg

B-4@5' 1805043-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Barium	SW6010B	1	0.055	5.00	111	mg/Kg
Chromium	SW6010B	1	0.075	5.00	30.6	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.25	mg/Kg
Copper	SW6010B	1	0.20	5.00	13.1	mg/Kg
Lead	SW6010B	1	0.10	1.30	5.95	mg/Kg
Nickel	SW6010B	1	0.50	5.00	28.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	31.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	37.5	mg/Kg

S1-4 COMPOSITE 1805043-013

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
gamma-Chlordane	SW8081B	3	0.49	6.0	25.0	ug/Kg
alpha-Chlordane	SW8081B	3	0.52	6.0	24.4	ug/Kg
4,4-DDE	SW8081B	3	0.58	6.0	8.31	ug/Kg
Dieldrin	SW8081B	3	0.44	6.0	53.4	ug/Kg
4,4-DDT	SW8081B	3	0.39	6.0	18.8	ug/Kg
Chlordane	SW8081B	3	6.3	60	278	ug/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	S-1	**Lab Sample ID:**	1805043-001A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:25		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/19/18 3:10:00PM
Prep Batch ID:	1105174	**Prep Analyst:**	LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.3	20	ND		ug/Kg	05/23/18	0:04	LA	431845
gamma-BHC (Lindane)	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:04	LA	431845
beta-BHC	SW8081B	10	3.2	20	ND		ug/Kg	05/23/18	0:04	LA	431845
delta-BHC	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Heptachlor	SW8081B	10	1.1	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Aldrin	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Heptachlor Epoxide	SW8081B	10	0.78	20	**18.3**	J	ug/Kg	05/23/18	0:04	LA	431845
gamma-Chlordane	SW8081B	10	1.6	20	**111**		ug/Kg	05/23/18	0:04	LA	431845
alpha-Chlordane	SW8081B	10	1.7	20	**111**		ug/Kg	05/23/18	0:04	LA	431845
4,4-DDE	SW8081B	10	1.9	20	**7.60**	J	ug/Kg	05/23/18	0:04	LA	431845
Endosulfan I	SW8081B	10	1.8	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Dieldrin	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Endrin	SW8081B	10	1.9	20	ND		ug/Kg	05/23/18	0:04	LA	431845
4,4-DDD	SW8081B	10	5.7	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Endosulfan II	SW8081B	10	5.8	20	ND		ug/Kg	05/23/18	0:04	LA	431845
4,4-DDT	SW8081B	10	1.3	20	**4.30**	J	ug/Kg	05/23/18	0:04	LA	431845
Endrin Aldehyde	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Methoxychlor	SW8081B	10	2.0	20	**31.1**		ug/Kg	05/23/18	0:04	LA	431845
Endosulfan Sulfate	SW8081B	10	1.2	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Endrin Ketone	SW8081B	10	0.94	20	ND		ug/Kg	05/23/18	0:04	LA	431845
Chlordane	SW8081B	10	21	200	**1000**		ug/Kg	05/23/18	0:04	LA	431845
Toxaphene	SW8081B	10	85	500	ND		ug/Kg	05/23/18	0:04	LA	431845
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**81.1**		%	05/23/18	0:04	LA	431845
DCBP (S)	SW8081B		38 - 135		**87.3**		%	05/23/18	0:04	LA	431845

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	S-1	**Lab Sample ID:**	1805043-001A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:25		
SDG:			

Prep Method:	1311/3510C	**Prep Batch Date/Time:**	5/31/18	6:24:00PM
Prep Batch ID:	1105390	**Prep Analyst:**	LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chlordane (TCLP)	SW8081A	1	1.3	2.5	ND		ug/L	05/31/18	21:22	LA	432098
			Acceptance Limits								
TCMX (S)	SW8081A		44 - 125		**76.7**		%	05/31/18	21:22	LA	432098
DCBP (S)	SW8081A		44 - 124		**90.6**		%	05/31/18	21:22	LA	432098

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	S-2	**Lab Sample ID:**	1805043-002A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104836	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.3	**13.1**		mg/Kg	05/08/18	9:19	PPATEL	431530
Lead	SW6010B	1	0.12	3.0	**36.5**		mg/Kg	05/08/18	9:19	PPATEL	431530

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	S-2	**Lab Sample ID:**	1805043-002A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:35		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/4/18 12:50:00PM
Prep Batch ID:	1104762	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.38	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
gamma-BHC (Lindane)	SW8081B	3	0.48	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
beta-BHC	SW8081B	3	0.95	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
delta-BHC	SW8081B	3	0.47	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Heptachlor	SW8081B	3	0.32	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Aldrin	SW8081B	3	0.59	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Heptachlor Epoxide	SW8081B	3	0.23	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
gamma-Chlordane	SW8081B	3	0.49	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
alpha-Chlordane	SW8081B	3	0.52	6.0	**4.32**	J	ug/Kg	05/08/18	18:24	LA	431518
4,4-DDE	SW8081B	3	0.58	6.0	**25.5**		ug/Kg	05/08/18	18:24	LA	431518
Endosulfan I	SW8081B	3	0.55	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Dieldrin	SW8081B	3	0.44	6.0	**9.03**		ug/Kg	05/08/18	18:24	LA	431518
Endrin	SW8081B	3	0.56	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
4,4-DDD	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Endosulfan II	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
4,4-DDT	SW8081B	3	0.39	6.0	**39.8**		ug/Kg	05/08/18	18:24	LA	431518
Endrin Aldehyde	SW8081B	3	0.45	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Methoxychlor	SW8081B	3	0.60	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Endosulfan Sulfate	SW8081B	3	0.35	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Endrin Ketone	SW8081B	3	0.28	6.0	ND		ug/Kg	05/08/18	18:24	LA	431518
Chlordane	SW8081B	3	6.3	60	ND		ug/Kg	05/08/18	18:24	LA	431518
Toxaphene	SW8081B	3	26	150	ND		ug/Kg	05/08/18	18:24	LA	431518
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**99.1**		%	05/08/18	18:24	LA	431518
DCBP (S)	SW8081B		38 - 135		**92.2**		%	05/08/18	18:24	LA	431518

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	S-3	**Lab Sample ID:**	1805043-003A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:45		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/19/18 3:10:00PM
Prep Batch ID:	1105174	**Prep Analyst:**	LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.3	20	ND		ug/Kg	05/23/18	0:17	LA	431845
gamma-BHC (Lindane)	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:17	LA	431845
beta-BHC	SW8081B	10	3.2	20	ND		ug/Kg	05/23/18	0:17	LA	431845
delta-BHC	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Heptachlor	SW8081B	10	1.1	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Aldrin	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Heptachlor Epoxide	SW8081B	10	0.78	20	ND		ug/Kg	05/23/18	0:17	LA	431845
gamma-Chlordane	SW8081B	10	1.6	20	**1.60**		ug/Kg	05/23/18	0:17	LA	431845
alpha-Chlordane	SW8081B	10	1.7	20	**1.74**	J	ug/Kg	05/23/18	0:17	LA	431845
4,4-DDE	SW8081B	10	1.9	20	**7.20**	J	ug/Kg	05/23/18	0:17	LA	431845
Endosulfan I	SW8081B	10	1.8	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Dieldrin	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endrin	SW8081B	10	1.9	20	ND		ug/Kg	05/23/18	0:17	LA	431845
4,4-DDD	SW8081B	10	5.7	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endosulfan II	SW8081B	10	5.8	20	ND		ug/Kg	05/23/18	0:17	LA	431845
4,4-DDT	SW8081B	10	1.3	20	**9.00**	J	ug/Kg	05/23/18	0:17	LA	431845
Endrin Aldehyde	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Methoxychlor	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endosulfan Sulfate	SW8081B	10	1.2	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Endrin Ketone	SW8081B	10	0.94	20	ND		ug/Kg	05/23/18	0:17	LA	431845
Chlordane	SW8081B	10	21	200	ND		ug/Kg	05/23/18	0:17	LA	431845
Toxaphene	SW8081B	10	85	500	ND		ug/Kg	05/23/18	0:17	LA	431845
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**73.6**		%	05/23/18	0:17	LA	431845
DCBP (S)	SW8081B		38 - 135		**71.7**		%	05/23/18	0:17	LA	431845

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	S-4	**Lab Sample ID:**	1805043-004A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 9:15		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/19/18 3:10:00PM
Prep Batch ID:	1105174	**Prep Analyst:**	LIMBAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.3	20	ND		ug/Kg	05/23/18	0:30	LA	431845
gamma-BHC (Lindane)	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:30	LA	431845
beta-BHC	SW8081B	10	3.2	20	ND		ug/Kg	05/23/18	0:30	LA	431845
delta-BHC	SW8081B	10	1.6	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Heptachlor	SW8081B	10	1.1	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Aldrin	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Heptachlor Epoxide	SW8081B	10	0.78	20	ND		ug/Kg	05/23/18	0:30	LA	431845
gamma-Chlordane	SW8081B	10	1.6	20	**5.10**	J	ug/Kg	05/23/18	0:30	LA	431845
alpha-Chlordane	SW8081B	10	1.7	20	**8.90**	J	ug/Kg	05/23/18	0:30	LA	431845
4,4-DDE	SW8081B	10	1.9	20	**10.0**	J	ug/Kg	05/23/18	0:30	LA	431845
Endosulfan I	SW8081B	10	1.8	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Dieldrin	SW8081B	10	1.5	20	**253**		ug/Kg	05/23/18	0:30	LA	431845
Endrin	SW8081B	10	1.9	20	ND		ug/Kg	05/23/18	0:30	LA	431845
4,4-DDD	SW8081B	10	5.7	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Endosulfan II	SW8081B	10	5.8	20	ND		ug/Kg	05/23/18	0:30	LA	431845
4,4-DDT	SW8081B	10	1.3	20	**18.9**	J	ug/Kg	05/23/18	0:30	LA	431845
Endrin Aldehyde	SW8081B	10	1.5	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Methoxychlor	SW8081B	10	2.0	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Endosulfan Sulfate	SW8081B	10	1.2	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Endrin Ketone	SW8081B	10	0.94	20	ND		ug/Kg	05/23/18	0:30	LA	431845
Chlordane	SW8081B	10	21	200	ND		ug/Kg	05/23/18	0:30	LA	431845
Toxaphene	SW8081B	10	85	500	ND		ug/Kg	05/23/18	0:30	LA	431845
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**72.5**		%	05/23/18	0:30	LA	431845
DCBP (S)	SW8081B		38 - 135		**81.6**		%	05/23/18	0:30	LA	431845

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:08	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	6:56	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**6.95**		mg/Kg	05/08/18	6:56	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**124**		mg/Kg	05/08/18	6:56	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**18.2**		mg/Kg	05/08/18	6:56	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**6.15**		mg/Kg	05/08/18	6:56	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**21.6**		mg/Kg	05/08/18	6:56	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**90.5**		mg/Kg	05/08/18	6:56	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**14.4**		mg/Kg	05/08/18	6:56	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	6:56	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**20.8**		mg/Kg	05/08/18	6:56	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**132**		mg/Kg	05/08/18	6:56	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	5/21/18	2:00:00PM
Prep Batch ID:	1105173	**Prep Analyst:**	PPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (STLC)	SW6010B	1	0.050	0.20	**1.08**		mg/L	05/21/18	14:56	PPATEL	431818

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	3:28	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:28	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	3:28	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**110**		%	05/08/18	3:28	MK	431481
DCBP (S)	SW8082A		48 - 135		**84.0**		%	05/08/18	3:28	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	5	1.1	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Phenol	SW8270C	5	8.3	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-chloroethyl) ether	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Chlorophenol	SW8270C	5	5.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
1,3-Dichlorobenzene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,4-Dichlorobenzene	SW8270C	5	5.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,2-Dichlorobenzene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	5	5.0	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	5	5.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
N-nitroso-di-n-propylamine	SW8270C	5	6.5	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Hexachloroethane	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Nitrobenzene	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Nitrophenol	SW8270C	5	5.0	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4-Dimethylphenol	SW8270C	5	6.1	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	5	18	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4-Dichlorophenol	SW8270C	5	1.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
1,2,4-Trichlorobenzene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Naphthalene	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Chloroaniline	SW8270C	5	2.5	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,6-Dichlorophenol	SW8270C	5	1.8	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Hexachloro-1,3-butadiene	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Chloro-3-methylphenol	SW8270C	5	5.0	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Methylnaphthalene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1-Methylnaphthalene	SW8270C	5	2.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4,6-Trichlorophenol	SW8270C	5	3.2	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4,5-Trichlorophenol	SW8270C	5	2.9	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2-Chloronaphthalene	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,4-Dinitrobenzene	SW8270C	5	17	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Dimethyl phthalate	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,3-Dinitrobenzene	SW8270C	5	14	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Acenaphthylene	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,6-Dinitrotoluene	SW8270C	5	14	252	ND		ug/Kg	05/05/18	16:31	MT	431463
1,2-Dinitrobenzene	SW8270C	5	23	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Acenaphthene	SW8270C	5	1.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,4-Dinitrotoluene	SW8270C	5	12	252	ND		ug/Kg	05/05/18	16:31	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	5	30	504	ND		ug/Kg	05/05/18	16:31	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	5	33	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Diethylphthalate	SW8270C	5	8.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Fluorene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
4-Bromophenyl phenyl ether	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Hexachlorobenzene	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Pentachlorophenol	SW8270C	5	26	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Phenanthrene	SW8270C	5	1.8	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Anthracene	SW8270C	5	3.2	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Carbazole	SW8270C	5	4.7	504	ND		ug/Kg	05/05/18	16:31	MT	431463
Di-n-butylphthalate	SW8270C	5	8.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Fluoranthene	SW8270C	5	0.0032	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Pyrene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzyl butyl phthalate	SW8270C	5	6.1	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benz[a]anthracene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Chrysene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	5	18	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Di-n-octyl phthalate	SW8270C	5	5.4	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[b]fluoranthene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[k]fluoranthene	SW8270C	5	2.5	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[a]pyrene	SW8270C	5	2.9	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	5	4.0	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Dibenz[a,h]anthracene	SW8270C	5	3.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
Benzo[g,h,i]perylene	SW8270C	5	3.6	252	ND		ug/Kg	05/05/18	16:31	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**88.8**		%	05/05/18	16:31	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**99.2**		%	05/05/18	16:31	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**93.0**		%	05/05/18	16:31	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**108**		%	05/05/18	16:31	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**114**		%	05/05/18	16:31	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**133**	S	%	05/05/18	16:31	MT	431463

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

NOTE: S-surrogate outside of control limits and Reporting limits were raised due to sample matrix (dark, viscous extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**12.2**	x	mg/Kg	05/08/18	21:23	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**28.7**		mg/Kg	05/08/18	21:23	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**84.5**		%	05/08/18	21:23	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	17:48	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	17:48	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	17:48	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	17:48	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	17:48	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	17:48	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	17:48	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	17:48	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	17:48	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	17:48	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	17:48	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**104**		%	05/04/18	17:48	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**106**		%	05/04/18	17:48	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**109**		%	05/04/18	17:48	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@1'	**Lab Sample ID:**	1805043-005A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:10		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	17:48	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**71.3**		%	05/04/18	17:48	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:14	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:12	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**3.18**		mg/Kg	05/08/18	7:12	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**208**		mg/Kg	05/08/18	7:12	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**32.3**		mg/Kg	05/08/18	7:12	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.50**		mg/Kg	05/08/18	7:12	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**15.0**		mg/Kg	05/08/18	7:12	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**4.76**		mg/Kg	05/08/18	7:12	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**33.0**		mg/Kg	05/08/18	7:12	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:12	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**33.9**		mg/Kg	05/08/18	7:12	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**41.8**		mg/Kg	05/08/18	7:12	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	3:42	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:42	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	3:42	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**105**		%	05/08/18	3:42	MK	431481
DCBP (S)	SW8082A		48 - 135		**88.0**		%	05/08/18	3:42	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/29/18	7:08:00PM
Prep Batch ID:	1105332	**Prep Analyst:**	LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
4,4-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
4,4-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
4,4-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	05/30/18	0:42	LA	431982
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	05/30/18	0:42	LA	431982
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	05/30/18	0:42	LA	431982
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**81.5**		%	05/30/18	0:42	LA	431982
DCBP (S)	SW8081B		38 - 135		**85.2**		%	05/30/18	0:42	LA	431982

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:00	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	17:00	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	17:00	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:00	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**99.6**		%	05/05/18	17:00	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**110**		%	05/05/18	17:00	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**79.3**		%	05/05/18	17:00	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**92.7**		%	05/05/18	17:00	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**98.1**		%	05/05/18	17:00	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**120**		%	05/05/18	17:00	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**9.70**	x	mg/Kg	05/08/18	21:47	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**17.0**		mg/Kg	05/08/18	21:47	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**80.3**		%	05/08/18	21:47	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:24	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	18:24	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:24	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:24	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	18:24	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:24	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:24	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:24	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:24	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:24	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:24	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**108**		%	05/04/18	18:24	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**103**		%	05/04/18	18:24	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**109**		%	05/04/18	18:24	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-1@5'	**Lab Sample ID:**	1805043-006A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:15		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	18:24	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**75.8**		%	05/04/18	18:24	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:16	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:15	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**3.39**		mg/Kg	05/08/18	7:15	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**142**		mg/Kg	05/08/18	7:15	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**33.7**		mg/Kg	05/08/18	7:15	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.75**		mg/Kg	05/08/18	7:15	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**16.1**		mg/Kg	05/08/18	7:15	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**6.60**		mg/Kg	05/08/18	7:15	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**34.3**		mg/Kg	05/08/18	7:15	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:15	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**35.7**		mg/Kg	05/08/18	7:15	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**47.5**		mg/Kg	05/08/18	7:15	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	3:57	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	3:57	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	3:57	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**73.0**		%	05/08/18	3:57	MK	431481
DCBP (S)	SW8082A		48 - 135		**61.0**		%	05/08/18	3:57	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:28	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	17:28	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	17:28	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:28	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**87.6**		%	05/05/18	17:28	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**99.7**		%	05/05/18	17:28	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**71.5**		%	05/05/18	17:28	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**88.5**		%	05/05/18	17:28	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**96.3**		%	05/05/18	17:28	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**112**		%	05/05/18	17:28	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**12.0**	x	mg/Kg	05/08/18	22:10	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**21.7**		mg/Kg	05/08/18	22:10	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**87.9**		%	05/08/18	22:10	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:59	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	18:59	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	18:59	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	18:59	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	18:59	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	18:59	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:59	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	18:59	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	18:59	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	18:59	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	18:59	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**109**		%	05/04/18	18:59	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	05/04/18	18:59	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**106**		%	05/04/18	18:59	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@1'	**Lab Sample ID:**	1805043-007A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:20		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	18:59	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**68.0**		%	05/04/18	18:59	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:19	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:18	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**104**		mg/Kg	05/08/18	7:18	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**29.5**		mg/Kg	05/08/18	7:18	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**6.75**		mg/Kg	05/08/18	7:18	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**12.2**		mg/Kg	05/08/18	7:18	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**6.60**		mg/Kg	05/08/18	7:18	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**28.0**		mg/Kg	05/08/18	7:18	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:18	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**31.1**		mg/Kg	05/08/18	7:18	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**36.3**		mg/Kg	05/08/18	7:18	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/4/18 1:57:00PM
Prep Batch ID:	1104766	**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	05/08/18	4:11	MK	431481
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:11	MK	431481
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	4:11	MK	431481
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**110**		%	05/08/18	4:11	MK	431481
DCBP (S)	SW8082A		48 - 135		**92.0**		%	05/08/18	4:11	MK	431481

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/29/18	7:08:00PM
Prep Batch ID:	1105332	**Prep Analyst:**	LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
4,4-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
4,4-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
4,4-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	05/30/18	0:56	LA	431982
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	05/30/18	0:56	LA	431982
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	05/30/18	0:56	LA	431982
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**78.3**		%	05/30/18	0:56	LA	431982
DCBP (S)	SW8081B		38 - 135		**82.2**		%	05/30/18	0:56	LA	431982

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:57	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	17:57	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	17:57	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	17:57	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**94.8**		%	05/05/18	17:57	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**107**		%	05/05/18	17:57	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**83.0**		%	05/05/18	17:57	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**96.8**		%	05/05/18	17:57	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**95.6**		%	05/05/18	17:57	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**117**		%	05/05/18	17:57	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**10.4**	x	mg/Kg	05/08/18	22:33	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**17.2**		mg/Kg	05/08/18	22:33	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**86.7**		%	05/08/18	22:33	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	19:35	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	19:35	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	19:35	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	19:35	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	19:35	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	19:35	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	19:35	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	19:35	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	19:35	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	19:35	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	19:35	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**108**		%	05/04/18	19:35	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	05/04/18	19:35	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**110**		%	05/04/18	19:35	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-2@5'	**Lab Sample ID:**	1805043-008A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:25		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	19:35	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**72.9**		%	05/04/18	19:35	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:21	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:21	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**5.55**		mg/Kg	05/08/18	7:21	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**136**		mg/Kg	05/08/18	7:21	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**32.0**		mg/Kg	05/08/18	7:21	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.05**		mg/Kg	05/08/18	7:21	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**15.6**		mg/Kg	05/08/18	7:21	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**5.15**		mg/Kg	05/08/18	7:21	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**31.1**		mg/Kg	05/08/18	7:21	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:21	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**34.4**		mg/Kg	05/08/18	7:21	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**44.3**		mg/Kg	05/08/18	7:21	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	4:25	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:25	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	4:25	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**108**		%	05/08/18	4:25	MK	431513
DCBP (S)	SW8082A		48 - 135		**90.0**		%	05/08/18	4:25	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:25	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	18:25	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	18:25	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:25	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**70.2**		%	05/05/18	18:25	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**82.6**		%	05/05/18	18:25	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**83.1**		%	05/05/18	18:25	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**95.8**		%	05/05/18	18:25	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**77.2**		%	05/05/18	18:25	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**119**		%	05/05/18	18:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**9.45**	x	mg/Kg	05/08/18	22:57	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**18.4**		mg/Kg	05/08/18	22:57	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**84.4**		%	05/08/18	22:57	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:11	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	20:11	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:11	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:11	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	20:11	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:11	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:11	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:11	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:11	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:11	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:11	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**111**		%	05/04/18	20:11	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**110**		%	05/04/18	20:11	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**119**		%	05/04/18	20:11	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@1'	**Lab Sample ID:**	1805043-009A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	20:11	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**59.6**		%	05/04/18	20:11	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:25	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:28	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**118**		mg/Kg	05/08/18	7:28	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**30.3**		mg/Kg	05/08/18	7:28	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.05**		mg/Kg	05/08/18	7:28	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**12.3**		mg/Kg	05/08/18	7:28	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**6.10**		mg/Kg	05/08/18	7:28	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**29.1**		mg/Kg	05/08/18	7:28	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:28	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**33.6**		mg/Kg	05/08/18	7:28	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**36.5**		mg/Kg	05/08/18	7:28	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	4:39	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	4:39	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	4:39	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**108**		%	05/08/18	4:39	MK	431513
DCBP (S)	SW8082A		48 - 135		**92.0**		%	05/08/18	4:39	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/29/18	7:08:00PM
Prep Batch ID:	1105332	**Prep Analyst:**	LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
4,4-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
4,4-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
4,4-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	05/30/18	1:09	LA	431982
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	05/30/18	1:09	LA	431982
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	05/30/18	1:09	LA	431982
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**79.5**		%	05/30/18	1:09	LA	431982
DCBP (S)	SW8081B		38 - 135		**82.4**		%	05/30/18	1:09	LA	431982

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:54	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/05/18	18:54	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/05/18	18:54	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/05/18	18:54	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**58.2**		%	05/05/18	18:54	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**71.7**		%	05/05/18	18:54	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**80.6**		%	05/05/18	18:54	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**93.6**		%	05/05/18	18:54	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**61.0**		%	05/05/18	18:54	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**119**		%	05/05/18	18:54	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	**11.0**	x	mg/Kg	05/08/18	23:20	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	**18.2**		mg/Kg	05/08/18	23:20	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**90.5**		%	05/08/18	23:20	mk	431550

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:46	NP	431461
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/04/18	20:46	NP	431461
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/04/18	20:46	NP	431461
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104779	**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	05/04/18	20:46	NP	431461
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/04/18	20:46	NP	431461
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/04/18	20:46	NP	431461
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:46	NP	431461
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/04/18	20:46	NP	431461
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/04/18	20:46	NP	431461
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/04/18	20:46	NP	431461
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/04/18	20:46	NP	431461
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**111**		%	05/04/18	20:46	NP	431461
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	05/04/18	20:46	NP	431461
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**113**		%	05/04/18	20:46	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-3@5'	**Lab Sample ID:**	1805043-010A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:35		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/4/18	10:19:00AM
Prep Batch ID:	1104780	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/04/18	20:46	NP	431461
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**69.3**		%	05/04/18	20:46	NP	431461

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:27	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:31	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	**3.15**		mg/Kg	05/08/18	7:31	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**138**		mg/Kg	05/08/18	7:31	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**34.4**		mg/Kg	05/08/18	7:31	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**7.85**		mg/Kg	05/08/18	7:31	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**15.4**		mg/Kg	05/08/18	7:31	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**5.65**		mg/Kg	05/08/18	7:31	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**34.3**		mg/Kg	05/08/18	7:31	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:31	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**35.4**		mg/Kg	05/08/18	7:31	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**43.9**		mg/Kg	05/08/18	7:31	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	5:22	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:22	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	5:22	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**86.0**		%	05/08/18	5:22	MK	431513
DCBP (S)	SW8082A		48 - 135		**76.0**		%	05/08/18	5:22	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:25	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/07/18	14:25	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/07/18	14:25	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:25	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**82.2**		%	05/07/18	14:25	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**71.1**		%	05/07/18	14:25	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**74.8**		%	05/07/18	14:25	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**88.9**		%	05/07/18	14:25	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**75.2**		%	05/07/18	14:25	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**96.4**		%	05/07/18	14:25	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	05/08/18	23:44	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	05/08/18	23:44	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**78.8**		%	05/08/18	23:44	mk	431550

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:00	NP	431484
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/06/18	22:00	NP	431484
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:00	NP	431484
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:00	NP	431484
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/06/18	22:00	NP	431484
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:00	NP	431484
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:00	NP	431484
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:00	NP	431484
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:00	NP	431484
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:00	NP	431484
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:00	NP	431484
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**114**		%	05/06/18	22:00	NP	431484
(S) Toluene-d8	SW8260B		55.2 - 133		**105**		%	05/06/18	22:00	NP	431484
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**114**		%	05/06/18	22:00	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@1'	**Lab Sample ID:**	1805043-011A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:00		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/6/18	5:48:00AM
Prep Batch ID:	1104798	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/06/18	22:00	NP	431484
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**57.1**		%	05/06/18	22:00	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/8/18	3:45:00PM
Prep Batch ID:	1104837	**Prep Analyst:**	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	05/09/18	12:34	BJAY	431538

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/7/18	7:15:00PM
Prep Batch ID:	1104821	**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	05/08/18	7:34	PPATEL	431511
Arsenic	SW6010B	1	0.15	3.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Barium	SW6010B	1	0.055	5.00	**111**		mg/Kg	05/08/18	7:34	PPATEL	431511
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Chromium	SW6010B	1	0.075	5.00	**30.6**		mg/Kg	05/08/18	7:34	PPATEL	431511
Cobalt	SW6010B	1	0.070	5.00	**6.25**		mg/Kg	05/08/18	7:34	PPATEL	431511
Copper	SW6010B	1	0.20	5.00	**13.1**		mg/Kg	05/08/18	7:34	PPATEL	431511
Lead	SW6010B	1	0.10	1.30	**5.95**		mg/Kg	05/08/18	7:34	PPATEL	431511
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Nickel	SW6010B	1	0.50	5.00	**28.1**		mg/Kg	05/08/18	7:34	PPATEL	431511
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	05/08/18	7:34	PPATEL	431511
Vanadium	SW6010B	1	0.10	5.00	**31.1**		mg/Kg	05/08/18	7:34	PPATEL	431511
Zinc	SW6010B	1	0.30	5.00	**37.5**		mg/Kg	05/08/18	7:34	PPATEL	431511

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/7/18 10:57:00AM
Prep Batch ID:	1104823	**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	05/08/18	5:36	MK	431513
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	05/08/18	5:36	MK	431513
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	05/08/18	5:36	MK	431513
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**93.0**		%	05/08/18	5:36	MK	431513
DCBP (S)	SW8082A		48 - 135		**77.0**		%	05/08/18	5:36	MK	431513

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/29/18	7:08:00PM
Prep Batch ID:	1105332	**Prep Analyst:**	LIMBAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
4,4-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
4,4-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
4,4-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	05/30/18	1:23	LA	431982
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	05/30/18	1:23	LA	431982
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	05/30/18	1:23	LA	431982
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**79.0**		%	05/30/18	1:23	LA	431982
DCBP (S)	SW8081B		38 - 135		**80.6**		%	05/30/18	1:23	LA	431982

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosdimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:54	MT	431463
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	5/4/18 10:00:00AM
Prep Batch ID:	1104774	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	05/07/18	14:54	MT	431463
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	05/07/18	14:54	MT	431463
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	05/07/18	14:54	MT	431463
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 125		**48.7**		%	05/07/18	14:54	MT	431463
Phenol-d6 (S)	SW8270C		25 - 125		**12.1**	S	%	05/07/18	14:54	MT	431463
Nitrobenzene-d5 (S)	SW8270C		35 - 125		**53.8**		%	05/07/18	14:54	MT	431463
2-Fluorobiphenyl (S)	SW8270C		35 - 125		**72.0**		%	05/07/18	14:54	MT	431463
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		**45.3**		%	05/07/18	14:54	MT	431463
p-Terphenyl-d14 (S)	SW8270C		35 - 125		**57.6**		%	05/07/18	14:54	MT	431463

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

NOTE: S-surrogate outside of control limits due to possible matrix interference

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	3546_TPHSG	**Prep Batch Date/Time:**	5/7/18 12:06:00PM
Prep Batch ID:	1104828	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.85	2.0	ND		mg/Kg	05/09/18	0:07	mk	431550
TPH as Motor Oil (SG)	SW8015B	1	3.2	10	ND		mg/Kg	05/09/18	0:07	mk	431550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**72.4**		%	05/09/18	0:07	mk	431550

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:36	NP	431484
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
tert-Butanol	SW8260B	1	12	50	ND		ug/Kg	05/06/18	22:36	NP	431484
Diisopropyl ether (DIPE)	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
ETBE	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
TAME	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	05/06/18	22:36	NP	431484
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/6/18	5:48:00PM
Prep Batch ID:	1104797	**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	05/06/18	22:36	NP	431484
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Ethyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	05/06/18	22:36	NP	431484
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	05/06/18	22:36	NP	431484
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:36	NP	431484
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	05/06/18	22:36	NP	431484
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	05/06/18	22:36	NP	431484
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	05/06/18	22:36	NP	431484
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	05/06/18	22:36	NP	431484
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**110**		%	05/06/18	22:36	NP	431484
(S) Toluene-d8	SW8260B		55.2 - 133		**99.8**		%	05/06/18	22:36	NP	431484
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**110**		%	05/06/18	22:36	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	B-4@5'	**Lab Sample ID:**	1805043-012A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 / 10:05		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/6/18	5:48:00AM
Prep Batch ID:	1104798	**Prep Analyst:**	NPAR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	05/06/18	22:36	NP	431484
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**68.8**		%	05/06/18	22:36	NP	431484

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Divya Bhargava
Engeo (San Ramon)

Date/Time Received: 05/04/18, 3:08 pm
Date Reported: 05/24/18

Client Sample ID:	S1-4 COMPOSITE	**Lab Sample ID:**	1805043-013A
Project Name/Location:	Del Hombre	**Sample Matrix:**	Soil
Project Number:	14813.000.000		
Date/Time Sampled:	05/04/18 /		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/4/18 12:50:00PM
Prep Batch ID:	1104762	**Prep Analyst:**	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.38	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
gamma-BHC (Lindane)	SW8081B	3	0.48	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
beta-BHC	SW8081B	3	0.95	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
delta-BHC	SW8081B	3	0.47	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Heptachlor	SW8081B	3	0.32	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Aldrin	SW8081B	3	0.59	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Heptachlor Epoxide	SW8081B	3	0.23	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
gamma-Chlordane	SW8081B	3	0.49	6.0	**25.0**		ug/Kg	05/08/18	18:37	LA	431518
alpha-Chlordane	SW8081B	3	0.52	6.0	**24.4**		ug/Kg	05/08/18	18:37	LA	431518
4,4-DDE	SW8081B	3	0.58	6.0	**8.31**		ug/Kg	05/08/18	18:37	LA	431518
Endosulfan I	SW8081B	3	0.55	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Dieldrin	SW8081B	3	0.44	6.0	**53.4**		ug/Kg	05/08/18	18:37	LA	431518
Endrin	SW8081B	3	0.56	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
4,4-DDD	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Endosulfan II	SW8081B	3	1.7	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
4,4-DDT	SW8081B	3	0.39	6.0	**18.8**		ug/Kg	05/08/18	18:37	LA	431518
Endrin Aldehyde	SW8081B	3	0.45	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Methoxychlor	SW8081B	3	0.60	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Endosulfan Sulfate	SW8081B	3	0.35	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Endrin Ketone	SW8081B	3	0.28	6.0	ND		ug/Kg	05/08/18	18:37	LA	431518
Chlordane	SW8081B	3	6.3	60	**278**		ug/Kg	05/08/18	18:37	LA	431518
Toxaphene	SW8081B	3	26	150	ND		ug/Kg	05/08/18	18:37	LA	431518
			Acceptance Limits								
TCMX (S)	SW8081B		48 - 125		**100**		%	05/08/18	18:37	LA	431518
DCBP (S)	SW8081B		38 - 135		**92.6**		%	05/08/18	18:37	LA	431518

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

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/04/18	**Prep Batch:**	1104762
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431460
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.13	2.0	ND	
gamma-BHC (Lindane)	0.16	2.0	ND	
beta-BHC	0.32	2.0	ND	
delta-BHC	0.16	2.0	ND	
Heptachlor	0.11	2.0	ND	
Aldrin	0.20	2.0	ND	
Heptachlor Epoxide	0.078	2.0	ND	
gamma-Chlordane	0.16	2.0	ND	
alpha-Chlordane	0.17	2.0	ND	
4,4-DDE	0.19	2.0	ND	
Endosulfan I	0.18	2.0	ND	
Dieldrin	0.15	2.0	ND	
Endrin	0.19	2.0	ND	
4,4-DDD	0.57	2.0	ND	
Endosulfan II	0.58	2.0	ND	
4,4-DDT	0.13	2.0	ND	
Endrin Aldehyde	0.15	2.0	ND	
Methoxychlor	0.20	2.0	ND	
Endosulfan Sulfate	0.12	2.0	ND	
Endrin Ketone	0.094	2.0	ND	
Chlordane	2.1	20	ND	
Toxaphene	8.5	50	ND	
TCMX (S)			105	
DCBP (S)			95.4	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/04/18	**Prep Batch:**	1104766
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431474
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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)			94.0	
DCBP (S)			102	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546-BNASIM	**Prep Date:**	05/04/18	**Prep Batch:**	1104774
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431463
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
N-Nitrosdimethylamine	0.22	100	ND	
Phenol	1.7	100	ND	
Bis(2-chloroethyl) ether	0.50	50	0.819	J
2-Chlorophenol	1.2	100	ND	
1,3-Dichlorobenzene	0.50	50	ND	
1,4-Dichlorobenzene	1.1	50	ND	
1,2-Dichlorobenzene	0.50	50	ND	
2-Methylphenol (o-Cresol)	1.0	100	ND	
Bis(2-chloroisopropyl)ether	0.50	50	ND	
3-/4-Methylphenol (p-/m-Cresol)	1.2	100	ND	
N-nitroso-di-n-propylamine	1.3	100	5.21	J
Hexachloroethane	0.29	50	0.802	J
Nitrobenzene	0.65	50	0.861	J
2-Nitrophenol	1.0	100	ND	
2,4-Dimethylphenol	1.2	100	ND	
Bis(2-Chloroethoxy)methane	3.6	50	ND	
2,4-Dichlorophenol	0.36	100	ND	
1,2,4-Trichlorobenzene	0.50	50	ND	
Naphthalene	0.29	50	0.294	J
4-Chloroaniline	0.50	100	ND	
2,6-Dichlorophenol	0.36	100	ND	
Hexachloro-1,3-butadiene	0.36	50	ND	
4-Chloro-3-methylphenol	1.0	100	ND	
2-Methylnaphthalene	0.50	50	ND	
1-Methylnaphthalene	0.43	50	ND	
2,4,6-Trichlorophenol	0.65	100	0.730	J
2,4,5-Trichlorophenol	0.58	100	ND	
2-Chloronaphthalene	0.65	50	ND	
1,4-Dinitrobenzene	3.3	100	ND	
Dimethyl phthalate	0.65	50	ND	
1,3-Dinitrobenzene	2.7	100	ND	
Acenaphthylene	0.29	50	ND	
2,6-Dinitrotoluene	2.9	50	ND	
1,2-Dinitrobenzene	4.7	100	ND	
Acenaphthene	0.29	50	0.319	J
Dibenzofuran	0.58	50	ND	
2,4-Dinitrotoluene	2.4	50	ND	
2,3,5,6-Tetrachlorophenol	6.0	100	ND	
2,3,4,6-Tetrachlorophenol	6.6	100	ND	
Diethylphthalate	1.7	50	ND	
Fluorene	0.50	50	ND	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546-BNASIM	**Prep Date:**	05/04/18	**Prep Batch:**	1104774
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431463
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
4-Chlorophenyl phenyl ether	0.65	50	ND	
4-Bromophenyl phenyl ether	0.36	50	ND	
Hexachlorobenzene	0.36	50	ND	
Pentachlorophenol	5.2	100	ND	
Phenanthrene	0.36	50	0.396	J
Anthracene	0.65	50	ND	
Carbazole	0.94	100	1.10	J
Di-n-butylphthalate	1.7	50	ND	
Fluoranthene	0.65	50	ND	
Pyrene	0.58	50	0.733	J
Benzyl butyl phthalate	1.2	50	1.97	J
Benz[a]anthracene	0.58	50	1.78	J
Chrysene	0.50	50	1.73	J
Bis(2-Ethylhexyl)phthalate	3.6	50	6.41	J
Di-n-octyl phthalate	1.1	50	ND	
Benzo[b]fluoranthene	0.58	50	1.16	J
Benzo[k]fluoranthene	0.50	50	1.38	J
Benzo[a]pyrene	0.58	50	0.940	J
Indeno[1,2,3-cd]pyrene	0.79	50	1.22	J
Dibenz[a,h]anthracene	0.72	50	0.831	J
Benzo[g,h,i]perylene	0.72	50	0.966	J
2-Fluorophenol (S)			85.9	
Phenol-d6 (S)			83.6	
Nitrobenzene-d5 (S)			67.9	
2-Fluorobiphenyl (S)			78.8	
2,4,6-Tribromophenol (S)			58.7	
p-Terphenyl-d14 (S)			105	

MB Summary Report

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/04/18	**Prep Batch:**	1104779
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
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:	1805043	**Prep Method:**	5035	**Prep Date:**	05/04/18	**Prep Batch:**	1104779
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	1.9	
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	1.7	
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	1.9	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	2.1	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	2.4	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	2.8	
1,2,4-Trichlorobenzene	1.5	10	3.5	
Naphthalene	1.7	10	4.6	
1,2,3-Trichlorobenzene	1.7	10	3.8	
2-Butanone	1.7	10	ND	
(S) Dibromofluoromethane			92.3	
(S) Toluene-d8			94.1	
(S) 4-Bromofluorobenzene			98.0	

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/04/18	**Prep Batch:**	1104780
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	ND	
(S) 4-Bromofluorobenzene			95.0	

MB Summary Report

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
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:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
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	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	2.5	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	1.7	10	ND	
(S) Dibromofluoromethane			108	
(S) Toluene-d8			99.0	
(S) 4-Bromofluorobenzene			109	

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/06/18	**Prep Batch:**	1104798
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	ND	
(S) 4-Bromofluorobenzene			98.1	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/07/18	**Prep Batch:**	1104821
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431511
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.10	
Arsenic	0.15	1.30	0.46	
Barium	0.055	5.00	0.20	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.29	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	0.36	
Molybdenum	0.050	5.00	0.48	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	0.36	
Silver	0.15	5.00	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	0.15	
Zinc	0.30	5.00	ND	

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/07/18	**Prep Batch:**	1104823
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431513
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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)			117	
DCBP (S)			106	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546_TPHSG	**Prep Date:**	05/07/18	**Prep Batch:**	1104828
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431550
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	0.906	
TPH as Motor Oil (SG)	3.2	10	ND	
Pentacosane (S)			93.0	

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/08/18	**Prep Batch:**	1104836
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431530
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.12	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	0.15	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.84	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	0.28	
Molybdenum	0.050	5.00	0.21	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	ND	
Silver	0.15	5.00	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	0.18	
Zinc	0.30	5.00	0.36	

Work Order:	1805043	**Prep Method:**	7471BP	**Prep Date:**	05/08/18	**Prep Batch:**	1104837
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431538
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

MB Summary Report

Work Order:	1805043	**Prep Method:**	WET/3010B	**Prep Date:**	05/21/18	**Prep Batch:**	1105173
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/21/2018	**Analytical Batch:**	431818
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.025	
Lead (STLC)	0.050	0.20	ND	

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/19/18	**Prep Batch:**	1105174
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/22/2018	**Analytical Batch:**	431909
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.13	2.0	ND	
gamma-BHC (Lindane)	0.16	2.0	ND	
beta-BHC	0.32	2.0	ND	
delta-BHC	0.16	2.0	ND	
Heptachlor	0.11	2.0	ND	
Aldrin	0.20	2.0	ND	
Heptachlor Epoxide	0.078	2.0	ND	
gamma-Chlordane	0.16	2.0	ND	
alpha-Chlordane	0.17	2.0	ND	
4,4-DDE	0.19	2.0	ND	
Endosulfan I	0.18	2.0	ND	
Dieldrin	0.15	2.0	ND	
Endrin	0.19	2.0	ND	
4,4-DDD	0.57	2.0	ND	
Endosulfan II	0.58	2.0	ND	
4,4-DDT	0.13	2.0	ND	
Endrin Aldehyde	0.15	2.0	ND	
Methoxychlor	0.20	2.0	ND	
Endosulfan Sulfate	0.12	2.0	ND	
Endrin Ketone	0.094	2.0	ND	
Chlordane	2.1	20	ND	
Toxaphene	8.5	50	ND	
TCMX (S)			86.0	
DCBP (S)			84.4	

MB Summary Report

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/29/18	**Prep Batch:**	1105332
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/29/2018	**Analytical Batch:**	431982
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.13	2.0	ND	
gamma-BHC (Lindane)	0.16	2.0	ND	
beta-BHC	0.32	2.0	ND	
delta-BHC	0.16	2.0	ND	
Heptachlor	0.11	2.0	ND	
Aldrin	0.20	2.0	ND	
Heptachlor Epoxide	0.078	2.0	ND	
gamma-Chlordane	0.16	2.0	ND	
alpha-Chlordane	0.17	2.0	ND	
4,4-DDE	0.19	2.0	ND	
Endosulfan I	0.18	2.0	ND	
Dieldrin	0.15	2.0	ND	
Endrin	0.19	2.0	ND	
4,4-DDD	0.57	2.0	ND	
Endosulfan II	0.58	2.0	ND	
4,4-DDT	0.13	2.0	ND	
Endrin Aldehyde	0.15	2.0	ND	
Methoxychlor	0.20	2.0	ND	
Endosulfan Sulfate	0.12	2.0	ND	
Endrin Ketone	0.094	2.0	ND	
Chlordane	2.1	20	ND	
Toxaphene	8.5	50	ND	
TCMX (S)			88.9	
DCBP (S)			90.4	

Work Order:	1805043	**Prep Method:**	1311/3510C	**Prep Date:**	05/31/18	**Prep Batch:**	1105390
Matrix:	Soil	**Analytical Method:**	SW8081A	**Analyzed Date:**	5/31/2018	**Analytical Batch:**	432098
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chlordane (TCLP)	1.3	2.5	ND	
TCMX (S)			78.4	
DCBP (S)			72.0	

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/04/18	**Prep Batch:**	1104762
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431460
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	110	112	2.25	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	113	117	3.48	40 - 130	30	
Aldrin	0.20	2.0	ND	40	108	109	1.61	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	103	105	1.69	60 - 130	30	
Endrin	0.19	2.0	ND	40	111	112	1.57	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	110	113	2.91	45 - 140	30	
TCMX (S)				100	99.8	98.8		48 - 125		
DCBP (S)				100	93.6	92.0		38 - 135		

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/04/18	**Prep Batch:**	1104766
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431474
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	140	118	23.8	25 - 145	30	
Aroclor1260	36	100	ND	600	131	101	25.4	30 - 145	30	
TCMX (S)				0.10	118	93.0		48 - 125		
DCBP (S)				0.10	129	100		48 - 135		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546-BNASIM	**Prep Date:**	05/04/18	**Prep Batch:**	1104774
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431463
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	18	100	ND	800	77.3	76.8	0.648	40 - 100	30	
2-Chlorophenol	1.2	100	ND	800	86.8	84.8	2.19	45 - 105	30	
1,4-Dichlorobenzene	1.1	50	0.819	400	77.5	75.8	2.28	35 - 105	30	
N-nitroso-di-n-propylamine	1.3	100	ND	800	84.9	81.9	3.60	40 - 115	30	
1,2,4-Trichlorobenzene	0.50	50	ND	400	80.4	78.1	3.15	45 - 110	30	
4-Chloro-3-methylphenol	1.0	100	ND	800	78.2	77.7	0.641	45 - 110	30	
Acenaphthene	0.29	50	ND	400	83.0	80.6	2.75	45 - 110	30	
2,4-Dinitrotoluene	2.4	50	ND	400	77.5	76.2	1.63	50 - 115	30	
Pentachlorophenol	5.2	100	ND	800	92.7	91.6	1.09	25 - 120	30	
Pyrene	0.58	50	ND	400	99.9	97.4	2.53	45 - 125	30	
2-Fluorophenol (S)				11100	83.8	81.1		25 - 125		
Phenol-d6 (S)				11100	86.0	82.3		25 - 125		
Nitrobenzene-d5 (S)				5560	70.7	67.5		35 - 125		
2-Fluorobiphenyl (S)				5560	84.1	79.6		35 - 125		
2,4,6-Tribromophenol (S)				11100	65.7	56.3		25 - 125		
p-Terphenyl-d14 (S)				5560	111	107		35 - 125		

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/04/18	**Prep Batch:**	1104779
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	103	102	0.979	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	99.5	102	1.99	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	99.7	101	1.59	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	104	100	3.33	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	99.0	97.7	1.42	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	96.5	97.9		59.8 - 148		
(S) Toluene-d8				50.0	103	98.1		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	104	101		55.8 - 141		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/04/18	**Prep Batch:**	1104780
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/4/2018	**Analytical Batch:**	431461
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	118	105	11.7	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	109	108		43.9 - 127		

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/6/2018	**Analytical Batch:**	431484
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	93.8	93.2	0.642	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	99.7	98.5	1.41	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	98.8	97.6	1.22	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	99.0	98.4	0.608	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	98.5	98.2	0.203	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	98.3	96.8		59.8 - 148		
(S) Toluene-d8				50.0	96.3	95.1		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	100	98.8		55.8 - 141		

Work Order:	1805043	**Prep Method:**	5035GRO	**Prep Date:**	05/06/18	**Prep Batch:**	1104798
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/7/2018	**Analytical Batch:**	431484
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	ND	1000	90.6	93.4	3.04	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	102	108		43.9 - 127		

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/07/18	**Prep Batch:**	1104821
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431511
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	0.10	50	93.2	93.9	0.855	80 - 120	30	
Arsenic	0.15	1.30	0.46	50	93.2	93.3	0.214	80 - 120	30	
Barium	0.055	5.00	0.20	50	99.9	101	0.995	80 - 120	30	
Beryllium	0.055	5.00	ND	50	97.7	97.8	0.000	80 - 120	30	
Cadmium	0.10	5.00	ND	50	96.0	96.1	0.208	80 - 120	30	
Chromium	0.075	5.00	0.29	50	101	101	0.000	80 - 120	30	
Cobalt	0.070	5.00	ND	50	98.3	98.7	0.406	80 - 120	30	
Copper	0.20	5.00	ND	50	102	102	0.000	80 - 120	30	
Lead	0.10	3.00	0.36	50	97.2	97.7	0.615	80 - 120	30	
Molybdenum	0.050	5.00	0.48	50	101	102	0.985	80 - 120	30	
Nickel	0.50	5.00	ND	50	98.3	98.5	0.203	80 - 120	30	
Selenium	0.22	5.00	0.36	50	80.9	81.8	0.983	80 - 120	30	
Silver	0.15	5.00	ND	50	98.4	100	1.61	80 - 120	30	
Thallium	0.20	5.00	ND	50	96.2	96.5	0.415	80 - 120	30	
Vanadium	0.10	5.00	0.15	50	101	101	0.000	80 - 120	30	
Zinc	0.30	5.00	ND	50	94.2	95.1	1.06	80 - 120	30	

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/07/18	**Prep Batch:**	1104823
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431513
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	140	106	27.4	25 - 145	30	
Aroclor1260	36	100	ND	600	128	96.0	28.8	30 - 145	30	
TCMX (S)				0.10	114	95.0		48 - 125		
DCBP (S)				0.10	115	87.0		48 - 135		

Work Order:	1805043	**Prep Method:**	3546_TPHSG	**Prep Date:**	05/07/18	**Prep Batch:**	1104828
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431550
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	0.906	25.0	97.1	101	3.64	52 - 115	30	
TPH as Motor Oil (SG)			ND	200				59 - 129		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/08/18	**Prep Batch:**	1104836
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431530
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	0.12	50	96.0	91.5	4.69	80 - 120	30	
Arsenic	0.15	1.30	ND	50	94.9	90.8	4.52	80 - 120	30	
Barium	0.055	5.00	0.15	50	103	98.1	4.77	80 - 120	30	
Beryllium	0.055	5.00	ND	50	99.9	95.2	4.92	80 - 120	30	
Cadmium	0.10	5.00	ND	50	97.2	93.0	4.42	80 - 120	30	
Chromium	0.075	5.00	0.84	50	103	98.3	4.57	80 - 120	30	
Cobalt	0.070	5.00	ND	50	101	95.7	5.28	80 - 120	30	
Copper	0.20	5.00	ND	50	106	101	4.83	80 - 120	30	
Lead	0.10	3.00	0.28	50	99.3	95.2	4.32	80 - 120	30	
Molybdenum	0.050	5.00	0.21	50	103	98.3	4.57	80 - 120	30	
Nickel	0.50	5.00	ND	50	101	95.6	5.49	80 - 120	30	
Selenium	0.22	5.00	ND	50	83.1	80.0	4.67	80 - 120	30	
Silver	0.15	5.00	ND	50	99.5	94.9	4.73	80 - 120	30	
Thallium	0.20	5.00	ND	50	98.5	93.7	4.99	80 - 120	30	
Vanadium	0.10	5.00	0.18	50	104	98.6	5.33	80 - 120	30	
Zinc	0.30	5.00	0.36	50	96.4	92.4	4.24	80 - 120	30	

Work Order:	1805043	**Prep Method:**	7471BP	**Prep Date:**	05/08/18	**Prep Batch:**	1104837
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431538
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	96.5	93.3	3.36	80 - 120	30	

Work Order:	1805043	**Prep Method:**	WET/3010B	**Prep Date:**	05/21/18	**Prep Batch:**	1105173
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/21/2018	**Analytical Batch:**	431818
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.025	10	102	98.6	3.39	80 - 120	20	
Lead (STLC)	0.050	0.20	ND	10	101	97.4	3.63	80 - 120	20	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/19/18	**Prep Batch:**	1105174
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/22/2018	**Analytical Batch:**	431909
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	112	112	0.447	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	108	108	0.231	40 - 130	30	
Aldrin	0.20	2.0	ND	40	109	109	0.689	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	106	106	0.472	60 - 130	30	
Endrin	0.19	2.0	ND	40	108	108	0.695	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	103	103	0.243	45 - 140	30	
TCMX (S)				100	88.5	89.0		48 - 125		
DCBP (S)				100	86.1	87.0		38 - 135		

Work Order:	1805043	**Prep Method:**	3546_OCP	**Prep Date:**	05/29/18	**Prep Batch:**	1105332
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/29/2018	**Analytical Batch:**	431982
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	106	115	7.47	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	108	118	8.41	40 - 130	30	
Aldrin	0.20	2.0	ND	40	105	112	7.15	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	104	112	7.63	60 - 130	30	
Endrin	0.19	2.0	ND	40	122	133	8.05	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	118	126	6.74	45 - 140	30	
TCMX (S)				100	83.6	89.7		48 - 125		
DCBP (S)				100	98.5	97.6		38 - 135		

Work Order:	1805043	**Prep Method:**	1311/3510C	**Prep Date:**	05/31/18	**Prep Batch:**	1105390
Matrix:	Soil	**Analytical Method:**	SW8081A	**Analyzed Date:**	5/31/2018	**Analytical Batch:**	432098
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chlordane (TCLP)	1.3	2.5		25.0	98.8	93.9	4.98	45 - 140	30	
TCMX (S)				100	79.9	76.3		44 - 125		
DCBP (S)				100	101	102		44 - 124		
Chlordane (TCLP)			ND					-		

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	5035	**Prep Date:**	05/06/18	**Prep Batch:**	1104797
Matrix:	**Soil**	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/7/2018	**Analytical Batch:**	431484
Spiked Sample:	1805043-012A						
Units:	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	98.8	109	9.45	55 - 125	30	
Benzene	2.2	10	ND	50	111	121	8.61	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	106	118	10.7	55 - 125	30	
Toluene	1.8	10	ND	50	106	123	13.8	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	103	118	12.9	55 - 125	30	
(S) Dibromofluoromethane				50	113	124		59.8 - 148		
(S) Toluene-d8				50	107	123		55.2 - 133		
(S) 4-Bromofluorobenzene				50	116	128		55.8 - 141		

Work Order:	1805043	**Prep Method:**	3050B	**Prep Date:**	05/07/18	**Prep Batch:**	1104821
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431511
Spiked Sample:	1805043-005A						
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	50	104	79.8	25.3	30.7 - 130	30	
Arsenic	0.15	1.30	6.95	50	117	90.1	23.0	71.0 - 121	30	
Barium	0.055	5.00	124	50	196	75.0	31.3	70.2 - 130	30	S,R
Beryllium	0.055	5.00	ND	50	123	96.6	23.8	73.3 - 115	30	S
Cadmium	0.10	5.00	ND	50	117	92.8	23.1	80.0 - 110	30	S
Chromium	0.075	5.00	18.2	50	134	98.6	23.0	76.0 - 116	30	S
Cobalt	0.070	5.00	6.15	50	126	95.7	24.4	57.4 - 122	30	S
Copper	0.20	5.00	21.6	50	148	106	24.7	74.8 - 119	30	S
Lead	0.10	3.00	90.5	50	105	71.0	12.6	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	122	94.9	25.3	62.9 - 123	30	
Nickel	0.50	5.00	14.4	50	130	96.2	23.9	61.5 - 122	30	S
Selenium	0.22	5.00	ND	50	101	79.8	23.5	62.0 - 111	30	
Silver	0.15	5.00	ND	50	132	104	23.7	81.1 - 109	30	S
Thallium	0.20	5.00	ND	50	117	91.9	23.9	39.2 - 125	30	
Vanadium	0.10	5.00	20.8	50	143	101	25.6	65.8 - 122	30	S
Zinc	0.30	5.00	132	50	77.0	7.00	22.8	59.9 - 122	30	S

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1805043	**Prep Method:**	3546_PCB	**Prep Date:**	05/07/18	**Prep Batch:**	1104823
Matrix:	**Soil**	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/8/2018	**Analytical Batch:**	431513
Spiked Sample:	1805043-012A						
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	120	116	3.40	25 - 145	30	
Aroclor1260	36.0	100	ND	600	100	113	12.0	30 - 145	30	
TCMX (S)				0.10	91.0	111		48 - 125		
DCBP (S)				0.10	89.0	104		48 - 135		

Work Order:	1805043	**Prep Method:**	3546_TPHSG	**Prep Date:**	05/07/18	**Prep Batch:**	1104828
Matrix:	**Soil**	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431550
Spiked Sample:	1805043-012A						
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	ND	25.0	90.0	108	17.4	52 - 115	30	
Pentacosane (S)				200	74.3	76.6		59 - 129		

Work Order:	1805043	**Prep Method:**	7471BP	**Prep Date:**	05/08/18	**Prep Batch:**	1104837
Matrix:	**Soil**	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/9/2018	**Analytical Batch:**	431538
Spiked Sample:	1805043-005A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	121	123	1.88	75 - 125	30	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

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

Sample Receipt Checklist

Client Name: Engeo (San Ramon)

Project Name: Del Hombre

Work Order No.: 1805043

Date and Time Received: 5/4/2018 3:08:00PM

Received By: Helena Ueng

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: FedEx SameDay

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	
Container/Temp Blank temperature in compliance?	Temperature: 13.0 °C	
Water-VOA vials have zero headspace?	No VOA vials submitted	
Water-pH acceptable upon receipt?	N/A	

pH Checked by: N/A

pH Adjusted by: N/A

Comments:

Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)	**QC Level:**	II
Project Name:	Del Hombre		**TAT Requested:**	3 Day Std:3
Project # :	14813.000.000		**Date Received:**	5/4/2018
Report Due Date:	6/4/2018		**Time Received:**	3:08 pm

Comments:

Work Order # : ***1805043***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1805043-001A	S-1	05/04/18 9:25	Soil	10/31/18				
							Composite Pest_TCLP Pest_S_8081OCP	
1805043-002A	S-2	05/04/18 9:35	Soil	10/31/18				
							Pest_S_8081OCP Composite Met_S_AsPb	
Sample Note:	-002A: Discrete analyses for OCPs, As&Pb							
1805043-003A	S-3	05/04/18 9:45	Soil	10/31/18				
							Composite Pest_S_8081OCP	
1805043-004A	S-4	05/04/18 9:15	Soil	10/31/18				
							Composite Pest_S_8081OCP	
1805043-005A	B-1@1'	05/04/18 10:10	Soil	10/31/18				
							VOC_S_GRO Met_S_CAM17STLC SVO_BNASIM Full Hg_S_7471B TPHDOSG_S_8015B PCBs_S_8082A Met_S_6010B CAM17 VOC_S_8260B	
1805043-006A	B-1@5'	05/04/18 10:15	Soil	10/31/18				
							VOC_S_GRO Pest_S_8081OCP Hg_S_7471B TPHDOSG_S_8015B PCBs_S_8082A Met_S_6010B CAM17 SVO_BNASIM Full VOC_S_8260B	
1805043-007A	B-2@1'	05/04/18 10:20	Soil	10/31/18				
							VOC_S_GRO Met_S_6010B CAM17 Hg_S_7471B	

Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)	**QC Level:**	II
Project Name:	Del Hombre		**TAT Requested:**	3 Day Std:3
Project # :	14813.000.000		**Date Received:**	5/4/2018
Report Due Date:	6/4/2018		**Time Received:**	3:08 pm

Comments:

Work Order # : ***1805043***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1805043-008A	B-2@5'	05/04/18 10:25	Soil	10/31/18			TPHDOSG_S_8015B PCBs_S_8082A SVO_BNASIM Full VOC_S_8260B	
1805043-009A	B-3@1'	05/04/18 10:30	Soil	10/31/18			VOC_S_GRO Pest_S_8081OCP Met_S_6010B CAM17 Hg_S_7471B TPHDOSG_S_8015B PCBs_S_8082A SVO_BNASIM Full VOC_S_8260B	
1805043-010A	B-3@5'	05/04/18 10:35	Soil	10/31/18			VOC_S_GRO Met_S_6010B CAM17 Hg_S_7471B TPHDOSG_S_8015B PCBs_S_8082A SVO_BNASIM Full VOC_S_8260B	
1805043-011A	B-4@1'	05/04/18 10:00	Soil	10/31/18			VOC_S_GRO Pest_S_8081OCP Met_S_6010B CAM17 Hg_S_7471B TPHDOSG_S_8015B PCBs_S_8082A SVO_BNASIM Full VOC_S_8260B	
							SVO_BNASIM Full Met_S_6010B CAM17 Hg_S_7471B TPHDOSG_S_8015B VOC_S_GRO VOC_S_8260B	

Login Summary Report

Client ID:	TL5123	Engeo (San Ramon)	**QC Level:**	II
Project Name:	Del Hombre		**TAT Requested:**	3 Day Std:3
Project # :	14813.000.000		**Date Received:**	5/4/2018
Report Due Date:	6/4/2018		**Time Received:**	3:08 pm

Comments:

Work Order # : ***1805043***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1805043-012A	B-4@5'	05/04/18 10:05	Soil	10/31/18			PCBs_S_8082A SVO_BNASIM Full Pest_S_8081OCP Met_S_6010B CAM17 Hg_S_7471B TPHDOSG_S_8015B VOC_S_GRO VOC_S_8260B PCBs_S_8082A	
1805043-013A	S1-4 COMPOSITE	05/04/18	Soil	10/31/18			Pest_S_8081OCP	

Torrent LABORATORY, INC.

1805043

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 14813.000.000
PROJECT NAME: Del Hombre
SAMPLED BY: (SIGNATURE/PRINT) Stephen Fallon
PROJECT MANAGER: (SIGNATURE/PRINT) Divya
ROUTING: E-MAIL dbhargava@engeo.com HARD COPY

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	OCPs (8081)	Lead and arsenic (6010)	TPH-g/VOCs (8260)	TPH-d/mo (8015 with SG)	PCBs (8082)	SVOCs (8270 SIM)	Cam-17 (6010/7471)										REMARKS REQUIRED DETECTION LIMITS
S-1	5/4/2018	9:25	Soil	1	sleeve	-	X									001A							-013A 4:1 comp
S-2	5/4/2018	9:35	Soil	1	sleeve	-		X								-002A							Analyze 4-point composite sample for OCPs
S-3	5/4/2018	9:45	Soil	1	sleeve	-										003A							Also analyze S-2 for OCPs on discrete basis
S-4	5/4/2018	9:15	Soil	1	sleeve	-										004A							
B-1@1'	5/4/2018	10:10	Soil	1	sleeve	-			X	X	X	X	X			-005A							
B-1@5"	5/4/2018	10:15	Soil	1	sleeve	-			X	X	X	X	X			-006A							
B-2@1'	5/4/2018	10:20	Soil	1	sleeve	-			X	X	X	X	X			-007A							
B-2@5'	5/4/2018	10:25	Soil	1	sleeve	-			X	X	X	X	X			-008A							
B-3@1'	5/4/2018	10:30	Soil	1	sleeve	-			X	X	X	X	X			-009A							
B-3@5'	5/4/2018	10:35	Soil	1	sleeve	-			X	X	X	X	X			-010A							
B-4@1'	5/4/2018	10:00	Soil	1	sleeve	-			X	X	X	X	X			-011A							
B-4@5'	5/4/2018	10:05	Soil	1	sleeve	-			X	X	X	X	X			-012A							

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
	5/4/18 11:30				
				5/4/18 1508	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE/TIME	REMARKS - Standard Turnaround	

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Change Order

Work Order: 1805043 **Serial #:** CO18-0237 **Print Date:** 5/18/2018

Project Name: Del Hombre

Client: Engeo (San Ramon) **Requested By:** Kelsey Gerhart

	Requested Date	Requested Time	Extended Price
Additional Test--OCPs for 001-004; STLC Pb for 005	5/18/2018	10:30:00AM	

Page 1 of 1

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Torrent LABORATORY, INC.

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Change Order

Work Order: 1805043 **Serial #:** CO18-0259 **Print Date:** 5/29/2018

Project Name: Del Hombre

Client: Engeo (San Ramon) **Requested By:** Divya Bhargava

	Requested Date	Requested Time	Extended Price
Additional Test - TCLP Chlordane for 001A; OCPs for 006/008/010/012; STD 3 day TAT (+1 for TCLP)	5/29/2018	11:50:00AM	

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A.2 - James J.J. Clark, PH.D CV

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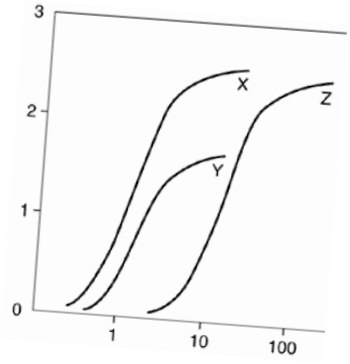

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James J. J. Clark, Ph.D.

Principal Toxicologist

Toxicology/Exposure Assessment Modeling

Risk Assessment/Analysis/Dispersion Modeling

Education:

Ph.D., Environmental Health Science, University of California, 1995

M.S., Environmental Health Science, University of California, 1993

B.S., Biophysical and Biochemical Sciences, University of Houston, 1987

Professional Experience:

Dr. Clark is a well-recognized toxicologist, air modeler, and health scientist. He has over 25 years of experience in conducting and managing human health risk assessments for Federal and State regulatory compliance; development of sampling and analyses programs for multi-media environmental investigations; statistical analyses of analytical data sets using SAS and ProUCL; environmental fate and transport modeling (SCREEN3, AEROMOD, ISCST3, AT123D, SESOIL, Johnson-Ettinger Vapor Intrusion Modeling, RESRAD, GENII); exposure assessment modeling (partitioning of contaminants in the environment as well as PBPK modeling); incorporation of Monte Carlo Analyses into risk estimates; derivation of risk-based clean-up levels for Federal and State regulatory compliance; and toxicological and medical literature research.

Significant projects performed by Dr. Clark include the following:

EXPOSURE ANALYSES/RISK ASSESSMENTS FOR FEDERAL AND STATE COMPLIANCE

Client: Ameren Services, St. Louis, Missouri

Managed the preparation of a comprehensive human health risk assessment of workers and residents at or near an NPL site in Missouri. The former operations at the Property included the servicing and repair of electrical transformers, which resulted in soils and groundwater beneath the Property and adjacent land becoming impacted with PCB and chlorinated solvent compounds. The evaluation included the review and analysis of thousands of data points to determine the most probable exposure concentrations and resultant risks. The results were submitted to U.S. EPA for evaluation and were used in the final ROD.

IT Corporation, North Carolina

Prepared comprehensive evaluation of potential exposure of workers to air-borne VOCs at hazardous waste storage facility under SUPERFUND cleanup decree. Assessment used in developing health based clean-up levels.

Client: Confidential, Los Angeles, California

Prepared comprehensive human health risk assessment of students, staff, and residents potentially exposed to heavy metals (principally cadmium) and VOCs from soil and soil vapor at 12-acre former crude oilfield and municipal landfill. The site is currently used as a middle school housing approximately 3,000 children. The evaluation determined that the site was safe for the current and future uses and was used as the basis for regulatory closure of site.

Client: Confidential, Los Angeles, California

Managed remedial investigation (RI) of heavy metals and volatile organic chemicals (VOCs) for a 15-acre former manufacturing facility. The RI investigation of the site included over 800 different sampling locations and the collection of soil, soil gas, and groundwater samples. The site is currently used as a year round school housing approximately 3,000 children. The Remedial Investigation was performed in a manner that did not interrupt school activities and met the time restrictions placed on the project by the overseeing regulatory agency. The RI Report identified the off-site source of metals that impacted groundwater beneath the site and the sources of VOCs in soil gas and groundwater. The RI included a numerical model of vapor intrusion into the buildings at the site from the vadose zone to determine exposure concentrations and an air dispersion model of VOCs from the proposed soil vapor treatment system. The Feasibility Study for the Site is currently being drafted and may be used as the basis for granting closure of the site by DTSC.

Client: Confidential, Los Angeles, California

Prepared comprehensive human health risk assessment of students, staff, and residents potentially exposed to heavy metals (principally lead), VOCs, SVOCs, and PCBs from soil, soil vapor, and groundwater at 15-acre former manufacturing facility. The site is currently used as a year round school housing approximately 3,000 children. The evaluation determined that the site was safe for the current and future uses and will be basis for regulatory closure of site.

Client: Confidential, Los Angeles, California

Prepared comprehensive evaluation of VOC vapor intrusion into classrooms of middle school that was former 15-acre industrial facility. Using the Johnson-Ettinger Vapor Intrusion model, the evaluation determined acceptable soil gas concentrations at the site that did not pose health threat to students, staff, and residents. This evaluation is being used to determine cleanup goals and will be basis for regulatory closure of site.

Kaiser Ventures Incorporated, Fontana, California

Prepared health risk assessment of semi-volatile organic chemicals and metals for a fifty-year old wastewater treatment facility used at a 1,100-acre former steel mill. This evaluation was used as the basis for granting closure of the site by lead regulatory agency.

Client: Confidential, Bogotá, Columbia

Prepared comprehensive evaluation of the potential health risks associated with the redevelopment of a 13.7 hectares plastic manufacturing facility in Bogotá, Colombia. The risk assessment was used as the basis for the remedial goals and closure of the site.

ANR Freight - Los Angeles, California

Prepared a comprehensive Preliminary Endangerment Assessment (PEA) of petroleum hydrocarbon and metal contamination of a former freight depot. This evaluation was as the basis for reaching closure of the site with lead regulatory agency.

Kaiser Ventures Incorporated, Fontana, California

Prepared comprehensive health risk assessment of semi-volatile organic chemicals and metals for 23-acre parcel of a 1,100-acre former steel mill. The health risk assessment was used to determine clean up goals and as the basis for granting closure of the site by lead regulatory agency. Air dispersion modeling using ISCST3 was performed to determine downwind exposure point concentrations at sensitive receptors within a 1 kilometer radius of the site. The results of the health risk assessment were presented at a public meeting sponsored by the Department of Toxic Substances Control (DTSC) in the community potentially affected by the site.

Client: Confidential, Atlanta, Georgia

Researched potential exposure and health risks to community members potentially exposed to creosote, polycyclic aromatic hydrocarbons, pentachlorophenol, and dioxin compounds used at a former wood treatment facility. Prepared a comprehensive toxicological summary of the chemicals of concern, including the chemical characteristics, absorption, distribution, and carcinogenic potential. Prepared risk characterization of the carcinogenic

and non-carcinogenic chemicals based on the exposure assessment to quantify the potential risk to members of the surrounding community. This evaluation was used to help settle class-action tort.

Client: Confidential, Escondido, California

Prepared comprehensive Preliminary Endangerment Assessment (PEA) of dense non-aqueous liquid phase hydrocarbon (chlorinated solvents) contamination at a former printed circuit board manufacturing facility. This evaluation was used for litigation support and may be used as the basis for reaching closure of the site with the lead regulatory agency.

Client: City of Santa Clarita, Santa Clarita, California

Dr. Clark is managing the oversight of the characterization, remediation and development activities of a former 1,000 acre munitions manufacturing facility for the City of Santa Clarita. The site is impacted with a number of contaminants including perchlorate, unexploded ordinance, and volatile organic compounds (VOCs). The site is currently under a number of regulatory consent orders, including an Immanent and Substantial Endangerment Order. Dr. Clark is assisting the impacted municipality with the development of remediation strategies, interaction with the responsible parties and stakeholders, as well as interfacing with the regulatory agency responsible for oversight of the site cleanup.

Client: Confidential, Los Angeles, California

Prepared physiologically based pharmacokinetic (PBPK) assessment of lead risk of receptors at middle school built over former industrial facility. This evaluation is being used to determine cleanup goals and will be basis for regulatory closure of site.

Client: Kaiser Venture Incorporated, Fontana, California

Prepared PBPK assessment of lead risk of receptors at a 1,100-acre former steel mill. This evaluation was used as the basis for granting closure of the site by lead regulatory agency.

Client –Dominguez Energy, Carson, California

Prepared comprehensive evaluation of the potential health risks associated with the redevelopment of 6-acre portion of a 500-acre oil and natural gas production facility in Carson, California. The risk assessment was used as the basis for closure of the site.

Unocal Corporation - Los Angeles, California

Prepared comprehensive assessment of petroleum hydrocarbons and metals for a former petroleum service station located next to sensitive population center (elementary school). The assessment used a probabilistic approach to estimate risks to the community and was used as the basis for granting closure of the site by lead regulatory agency.

Client: Confidential, Los Angeles, California

Managed oversight of remedial investigation most contaminated heavy metal site in California. Lead concentrations in soil excess of 68,000,000 parts per billion (ppb) have been measured at the site. This State Superfund Site was a former hard chrome plating operation that operated for approximately 40-years.

Client: Confidential, Minneapolis, Minnesota

Prepared human health risk assessment of workers exposed to VOCs from neighboring petroleum storage/transport facility. Reviewed the systems in place for distribution of petroleum hydrocarbons to identify chemicals of concern (COCs), prepared comprehensive toxicological summaries of COCs, and quantified potential risks from carcinogens and non-carcinogens to receptors at or adjacent to site. This evaluation was used in the support of litigation.

PUBLIC HEALTH/REGULATORY GUIDEANCE DEVELOPMENT

Client – Ministry of Environment, Lands & Parks, British Columbia

Dr. Clark assisted in the development of water quality guidelines for methyl tertiary-butyl ether (MTBE) to protect water uses in British Columbia (BC). The water uses to be considered includes freshwater and marine life, wildlife, industrial, and agricultural (e.g., irrigation and livestock watering) water uses. Guidelines from other jurisdictions for the protection of drinking water, recreation and aesthetics were to be identified.

Client: Omnitrans, San Bernardino, California

Dr. Clark managed a public health survey of three communities near transit fueling facilities in San Bernardino and Montclair California in compliance with California Senate Bill 1927. The survey included an epidemiological survey of the effected communities, emission surveys of local businesses, dispersion modeling to determine potential emission concentrations within the communities, and a comprehensive risk assessment of each community. The results of the study were presented to the Governor as mandated by Senate Bill 1927.

Client: Confidential, Los Angeles, California

Prepared comprehensive evaluation of perchlorate in environment. Dr. Clark evaluated the production, use, chemical characteristics, fate and transport, toxicology, and remediation of perchlorate. Perchlorates form the basis of solid rocket fuels and have recently been detected in water supplies in the United States. The results of this research were presented to the USEPA, National GroundWater, and ultimately published in a recent book entitled *Perchlorate in the Environment*.

Client – United Kingdom Environmental Agency

Dr. Clark is part of team that performed comprehensive evaluation of soil vapor intrusion of VOCs from former landfill adjacent residences for the United Kingdom's Environment Agency. The evaluation included collection of liquid and soil vapor samples at site, modeling of vapor migration using the Johnson Ettinger Vapor Intrusion model, and calculation of site-specific health based vapor thresholds for chlorinated solvents, aromatic hydrocarbons, and semi-volatile organic compounds. The evaluation also included a detailed evaluation of the use, chemical characteristics, fate and transport, and toxicology of chemicals of concern (COC). The results of the evaluation have been used as a briefing tool for public health professionals.

Client – Confidential, Los Angeles, California

Dr. Clark is performing a comprehensive review of the potential for pharmaceuticals and their by-products to impact groundwater and surface water supplies. This evaluation will include a review if available data on the history of pharmaceutical production in the United States; the chemical characteristics of various pharmaceuticals; environmental fate and transport; uptake by xenobiotics; the potential effects of pharmaceuticals on water treatment systems; and the potential threat to public health. The results of the evaluation may be used as a briefing tool for non-public health professionals.

Client – United Kingdom Environmental Agency

Oversaw a comprehensive toxicological evaluation of methyl-*tertiary* butyl ether (M*t*BE) for the United Kingdom's Environment Agency. The evaluation included available data on the production, use, chemical characteristics, fate and transport, toxicology, and remediation of M*t*BE. The results of the evaluation have been used as a briefing tool for public health professionals.

Client: Confidential, San Francisco, California

Summarized epidemiological evidence for connective tissue and autoimmune diseases for product liability litigation. Identified epidemiological research efforts on the health effects

of medical prostheses. This research was used in a meta-analysis of the health effects and as a briefing tool for non-public health professionals.

Client: Covanta Energy, Westwood, California

Evaluated health risk from metals in biosolids applied as soil amendment on agricultural lands. The biosolids were created at a forest waste cogeneration facility using 96% whole tree wood chips and 4 percent green waste. Mass loading calculations were used to estimate Cr(VI) concentrations in agricultural soils based on a maximum loading rate of 40 tons of biomass per acre of agricultural soil. The results of the study were used by the Regulatory agency to determine that the application of biosolids did not constitute a health risk to workers applying the biosolids or to residences near the agricultural lands.

Client: Confidential, San Francisco, California

Summarized major public health research in United States. Identified major public health research efforts within United States over last twenty years. Results were used as a briefing tool for non-public health professionals.

Client: Confidential, San Francisco, California

Identified and analyzed fifty years of epidemiological literature on workplace exposures to heavy metals. This research resulted in a summary of the types of cancer and non-cancer diseases associated with occupational exposure to chromium as well as the mortality and morbidity rates.

Client – Confidential, Los Angeles, California

Prepared comprehensive evaluation of methyl *tertiary* butyl ether (MTBE) in municipal drinking water system. MTBE is a chemical added to gasoline to increase the octane rating and to meet Federally mandated emission criteria. The evaluation included available data on the production, use, chemical characteristics, fate and transport, toxicology, and remediation of MTBE. The results of the evaluation have been were used as a briefing tool for non-public health professionals.

Client – Confidential, Los Angeles, California

Prepared comprehensive evaluation of *tertiary* butyl alcohol (TBA) in municipal drinking water system. TBA is the primary breakdown product of M*t*BE, and is suspected to be the primary cause of M*t*BE toxicity. This evaluation will include available information on the production, use, chemical characteristics, fate and transport in the environment, absorption, distribution, routes of detoxification, metabolites, carcinogenic potential, and remediation

of TBA. The results of the evaluation were used as a briefing tool for non-public health professionals.

SELECTED AIR MODELING RESEARCH/PROJECTS

Client – Confidential

Dr. Clark performed a comprehensive evaluation of criteria pollutants, air toxins, and particulate matter emissions from a petroleum refinery facility to determine the impacts on the surrounding communities. The results of the dispersion model will be used to estimate acute and chronic exposure concentrations to multiple contaminants and were incorporated into a comprehensive risk evaluation.

Client – Confidential

Dr. Clark performed a comprehensive evaluation of air toxins and particulate matter emissions from a coke manufacturing facility to determine the impacts on the surrounding communities. The results of the dispersion model were used to estimate acute and chronic exposure concentrations to multiple contaminants and were incorporated into a comprehensive risk evaluation.

Client – Confidential

Dr. Clark performed a comprehensive evaluation of criteria pollutants, air toxins, and particulate matter emissions from a carbon black production facility to determine the impacts on the surrounding communities. The results of the dispersion model will be used to estimate acute and chronic exposure concentrations to multiple contaminants and will be incorporated into a comprehensive risk evaluation.

Client: Confidential, San Francisco, California

Coordinator of regional monitoring program to determine background concentrations of metals in air. Acted as liaison with SCAQMD and CARB to perform co-location sampling and comparison of accepted regulatory method with ASTM methodology.

Client: Confidential, San Francisco, California

Analyzed historical air monitoring data for South Coast Air Basin in Southern California and potential health risks related to ambient concentrations of carcinogenic metals and volatile organic compounds. Identified and reviewed the available literature and calculated risks from toxins in South Coast Air Basin.

Client – Confidential

Dr. Clark performed a comprehensive evaluation of air toxins and particulate matter emissions from a railroad tie manufacturing facility to determine the impacts on the surrounding communities. The results of the dispersion model have been used to estimate acute and chronic exposure concentrations to multiple contaminants and have been incorporated into a comprehensive risk evaluation.

Client – Los Angeles Alliance for a New Economy (LAANE), Los Angeles, California

Dr. Clark advised the LAANE on air quality issues related to current flight operations at the Los Angeles International Airport (LAX) operated by the Los Angeles World Airport (LAWA) Authority. He worked with the LAANE and LAX staff to develop a comprehensive strategy for meeting local community concerns over emissions from flight operations and to engage federal agencies on the issue of local impacts of community airports.

Client – City of Santa Monica, Santa Monica, California

Dr. Clark advised the City of Santa Monica on air quality issues related to current flight operations at the facility. He worked with the City staff to develop a comprehensive strategy for meeting local community concerns over emissions from flight operations and to engage federal agencies on the issue of local impacts of community airports.

Client: Confidential, San Francisco, California

Summarized cancer types associated with exposure to metals and smoking. Researched the specific types of cancers associated with exposure to metals and smoking. Provided causation analysis of the association between cancer types and exposure for use by non-public health professionals.

Professional Associations

American Public Health Association (APHA)
Association for Environmental Health and Sciences (AEHS)
American Chemical Society (ACS)
International Society of Environmental Forensics (ISEF)
Society of Environmental Toxicology and Chemistry (SETAC)

Publications and Presentations:

Books and Book Chapters

Sullivan, P., **J.J. J. Clark,** F.J. Agardy, and P.E. Rosenfeld. (2007). *Synthetic Toxins In The Food, Water and Air of American Cities*. Elsevier, Inc. Burlington, MA.

Sullivan, P. and **J.J. J. Clark**. 2006. *Choosing Safer Foods, A Guide To Minimizing Synthetic Chemicals In Your Diet*. Elsevier, Inc. Burlington, MA.

Sullivan, P., Agardy, F.J., and **J.J.J. Clark**. 2005. *The Environmental Science of Drinking Water*. Elsevier, Inc. Burlington, MA.

Sullivan, P.J., Agardy, F.J., **Clark, J.J.J.** 2002. *America's Threatened Drinking Water: Hazards and Solutions*. Trafford Publishing, Victoria B.C.

Clark, J.J.J. 2001. "TBA: Chemical Properties, Production & Use, Fate and Transport, Toxicology, Detection in Groundwater, and Regulatory Standards" in *Oxygenates in the Environment*. Art Diaz, Ed.. Oxford University Press: New York.

Clark, J.J.J. 2000. "Toxicology of Perchlorate" in *Perchlorate in the Environment*. Edward Urbansky, Ed. Kluwer/Plenum: New York.

Clark, J.J.J. 1995. Probabilistic Forecasting of Volatile Organic Compound Concentrations At The Soil Surface From Contaminated Groundwater. UMI.

Baker, J.; **Clark, J.J.J.**; Stanford, J.T. 1994. Ex Situ Remediation of Diesel Contaminated Railroad Sand by Soil Washing. Principles and Practices for Diesel Contaminated Soils, Volume III. P.T. Kostecki, E.J. Calabrese, and C.P.L. Barkan, eds. Amherst Scientific Publishers, Amherst, MA. pp 89-96.

Journal and Proceeding Articles

Tam L. K.., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008) A Statistical Analysis Of Attic Dust And Blood Lipid Concentrations Of Tetrachloro-p-Dibenzodioxin (TCDD) Toxicity Equialency Quotients (TEQ) In Two Populations Near Wood Treatment Facilities. Organohalogen Compounds, Volume 70 (2008) page 002254.

Tam L. K.., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008) Methods For Collect Samples For Assessing Dioxins And Other Environmental Contaminants In Attic Dust: A Review. Organohalogen Compounds, Volume 70 (2008) page 000527

Hensley A.R., Scott, A., Rosenfeld P.E., **Clark, J.J.J.** (2007). "Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility." *Environmental Research.* 105:194-199.

Rosenfeld, P.E., **Clark, J. J.,** Hensley, A.R., and Suffet, I.H. 2007. "The Use Of An Odor Wheel Classification For The Evaluation of Human Health Risk Criteria For Compost Facilities" Water Science & Technology. 55(5): 345-357.

Hensley A.R., Scott, A., Rosenfeld P.E., **Clark, J.J.J.** 2006. "Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility." The 26th International Symposium on Halogenated Persistent Organic Pollutants –

DIOXIN2006, August 21 – 25, 2006. Radisson SAS Scandinavia Hotel in Oslo Norway.

Rosenfeld, P.E., **Clark, J. J.** and Suffet, I.H. 2005. "The Value Of An Odor Quality Classification Scheme For Compost Facility Evaluations" The U.S. Composting Council's 13th Annual Conference January 23 - 26, 2005, Crowne Plaza Riverwalk, San Antonio, TX.

Rosenfeld, P.E., **Clark, J. J.** and Suffet, I.H. 2004. "The Value Of An Odor Quality Classification Scheme For Urban Odor" WEFTEC 2004. 77th Annual Technical Exhibition & Conference October 2 - 6, 2004, Ernest N. Morial Convention Center, New Orleans, Louisiana.

Clark, J.J.J. 2003. "Manufacturing, Use, Regulation, and Occurrence of a Known Endocrine Disrupting Chemical (EDC), 2,4-Dichlorophnoxyacetic Acid (2,4-D) in California Drinking Water Supplies." National Groundwater Association Southwest Focus Conference: Water Supply and Emerging Contaminants. Minneapolis, MN. March 20, 2003.

Rosenfeld, P. and **J.J.J. Clark**. 2003. "Understanding Historical Use, Chemical Properties, Toxicity, and Regulatory Guidance" National Groundwater Association Southwest Focus Conference: Water Supply and Emerging Contaminants. Phoenix, AZ. February 21, 2003.

Clark, J.J.J., Brown A. 1999. Perchlorate Contamination: Fate in the Environment and Treatment Options. In Situ and On-Site Bioremediation, Fifth International Symposium. San Diego, CA, April, 1999.

Clark, J.J.J. 1998. Health Effects of Perchlorate and the New Reference Dose (RfD). Proceedings From the Groundwater Resource Association Seventh Annual Meeting, Walnut Creek, CA, October 23, 1998.

Browne, T., **Clark, J.J.J.** 1998. Treatment Options For Perchlorate In Drinking Water. Proceedings From the Groundwater Resource Association Seventh Annual Meeting, Walnut Creek, CA, October 23, 1998.

Clark, J.J.J., Brown, A., Rodriguez, R. 1998. The Public Health Implications of MtBE and Perchlorate in Water: Risk Management Decisions for Water Purveyors. Proceedings of the National Ground Water Association, Anaheim, CA, June 3-4, 1998.

Clark J.J.J., Brown, A., Ulrey, A. 1997. Impacts of Perchlorate On Drinking Water In The Western United States. U.S. EPA Symposium on Biological and Chemical Reduction of Chlorate and Perchlorate, Cincinnati, OH, December 5, 1997.

Clark, J.J.J.; Corbett, G.E.; Kerger, B.D.; Finley, B.L.; Paustenbach, D.J. 1996. Dermal Uptake of Hexavalent Chromium In Human Volunteers: Measures of Systemic Uptake From Immersion in Water At 22 PPM. Toxicologist. 30(1):14.

Dodge, D.G.; **Clark, J.J.J.**; Kerger, B.D.; Richter, R.O.; Finley, B.L.; Paustenbach, D.J. 1996. Assessment of Airborne Hexavalent Chromium In The Home Following Use of Contaminated Tapwater. Toxicologist. 30(1):117-118.

Paulo, M.T.; Gong, H., Jr.; **Clark, J.J.J.** (1992). Effects of Pretreatment with Ipratroprium Bromide in COPD Patients Exposed to Ozone. American Review of Respiratory Disease. 145(4):A96.

Harber, P.H.; Gong, H., Jr.; Lachenbruch, A.; **Clark, J.**; Hsu, P. (1992). Respiratory Pattern Effect of Acute Sulfur Dioxide Exposure in Asthmatics. American Review of Respiratory Disease. 145(4):A88.

McManus, M.S.; Gong, H., Jr.; Clements, P.; **Clark, J.J.J.** (1991). Respiratory Response of Patients With Interstitial Lung Disease To Inhaled Ozone. American Review of Respiratory Disease. 143(4):A91.

Gong, H., Jr.; Simmons, M.S.; McManus, M.S.; Tashkin, D.P.; Clark, V.A.; Detels, R.; **Clark, J.J.** (1990). Relationship Between Responses to Chronic Oxidant and Acute Ozone Exposures in Residents of Los Angeles County. American Review of Respiratory Disease. 141(4):A70.

Tierney, D.F. and **J.J.J. Clark.** (1990). Lung Polyamine Content Can Be Increased By Spermidine Infusions Into Hyperoxic Rats. American Review of Respiratory Disease. 139(4):A41.

A.3 - Daniel T. Smith Jr CV

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DANIEL T. SMITH, Jr.
President

EDUCATION

Bachelor of Science, Engineering and Applied Science, Yale University, 1967
Master of Science, Transportation Planning, University of California, Berkeley, 1968

PROFESSIONAL REGISTRATION

California No. 21913 (Civil) Nevada No. 7969 (Civil, Ret.) Washington No. 29337 (Civil, Ret.)
California No. 938 (Traffic) Arizona No. 22131 (Civil, Ret.)

PROFESSIONAL EXPERIENCE

Smith Engineering & Management, 1993 to present. President.
DKS Associates, 1979 to 1993. Founder, Vice President, Principal Transportation Engineer.
De Leuw, Cather & Company, 1968 to 1979. Senior Transportation Planner.
Personal specialties and project experience include:

Litigation Consulting. Provides consultation, investigations and expert witness testimony in highway design, transit design and traffic engineering matters including condemnations involving transportation access issues; traffic accidents involving highway design or traffic engineering factors; land use and development matters involving access and transportation impacts; parking and other traffic and transportation matters.

Urban Corridor Studies/Alternatives Analysis. Principal-in-charge for State Route (SR) 102 Feasibility Study, a 35-mile freeway alignment study north of Sacramento. Consultant on I-280 Interstate Transfer Concept Program, San Francisco, an AA/EIS for completion of I-280, demolition of Embarcadero freeway, substitute light rail and commuter rail projects. Principal-in-charge, SR 238 corridor freeway/expressway design/environmental study, Hayward (Calif.). Project manager, Sacramento Northeast Area multi-modal transportation corridor study. Transportation planner for I-80N West Terminal Study, and Harbor Drive Traffic Study, Portland, Oregon. Project manager for design of surface segment of Woodward Corridor LRT, Detroit, Michigan. Directed staff on I-80 National Strategic Corridor Study (Sacramento-San Francisco), US 101-Sonoma freeway operations study, SR 92 freeway operations study, I-880 freeway operations study, SR 152 alignment studies, Sacramento RTD light rail systems study, Tasman Corridor LRT AA/EIS, Fremont-Warm Springs BART extension plan/EIR, SRs 70/99 freeway alternatives study, and Richmond Parkway (SR 93) design study.

Area Transportation Plans. Principal-in charge for transportation element of City of Los Angeles General Plan Framework, shaping nations largest city two decades into 21'st century. Project manager for the transportation element of 300-acre Mission Bay development in downtown San Francisco. Mission Bay involves 7 million gsf office/commercial space, 8,500 dwelling units, and community facilities. Transportation features include relocation of commuter rail station; extension of MUNI-Metro LRT; a multi-modal terminal for LRT, commuter rail and local bus; removal of a quarter mile elevated freeway; replacement by new ramps and a boulevard; an internal roadway network overcoming constraints imposed by an internal tidal basin; freeway structures and rail facilities; and concept plans for 20,000 structured parking spaces. Principal-in-charge for circulation plan to accommodate 9 million gsf of office/commercial growth in downtown Bellevue (Wash.). Principal-in-charge for 64 acre, 2 million gsf multi-use complex for FMC adjacent to San Jose International Airport. Project manager for transportation element of Sacramento Capitol Area Plan for the state governmental complex, and for Downtown Sacramento Redevelopment Plan. Project manager for Napa (Calif.) General Plan Circulation Element and Downtown Riverfront Redevelopment Plan, on parking program for downtown Walnut Creek, on downtown transportation plan for San Mateo and redevelopment plan for downtown Mountain View (Calif.), for traffic circulation and safety plans for California cities of Davis, Pleasant Hill and Hayward, and for Salem, Oregon.

Transportation Centers. Project manager for Daly City Intermodal Study which developed a $7 million surface bus terminal, traffic access, parking and pedestrian circulation improvements at the Daly City BART station plus development of functional plans for a new BART station at Colma. Project manager for design of multi-modal terminal (commuter rail, light rail, bus) at Mission Bay, San Francisco. In Santa Clarita Long Range Transit Development Program, responsible for plan to relocate system's existing timed-transfer hub and development of three satellite transfer hubs. Performed airport ground transportation system evaluations for San Francisco International, Oakland International, Sea-Tac International, Oakland International, Los Angeles International, and San Diego Lindberg.

Campus Transportation. Campus transportation planning assignments for UC Davis, UC Berkeley, UC Santa Cruz and UC San Francisco Medical Center campuses; San Francisco State University; University of San Francisco; and the University of Alaska and others. Also developed master plans for institutional campuses including medical centers, headquarters complexes and research & development facilities.

Special Event Facilities. Evaluations and design studies for football/baseball stadiums, indoor sports arenas, horse and motor racing facilities, theme parks, fairgrounds and convention centers, ski complexes and destination resorts throughout western United States.

Parking. Parking programs and facilities for large area plans and individual sites including downtowns, special event facilities, university and institutional campuses and other large site developments; numerous parking feasibility and operations studies for parking structures and surface facilities; also, resident preferential parking .

Transportation System Management & Traffic Restraint. Project manager on FHWA program to develop techniques and guidelines for neighborhood street traffic limitation. Project manager for Berkeley, (Calif.), Neighborhood Traffic Study, pioneered application of traffic restraint techniques in the U.S. Developed residential traffic plans for Menlo Park, Santa Monica, Santa Cruz, Mill Valley, Oakland, Palo Alto, Piedmont, San Mateo County, Pasadena, Santa Ana and others. Participated in development of photo/radar speed enforcement device and experimented with speed humps. Co-author of Institute of Transportation Engineers reference publication on neighborhood traffic control.

Bicycle Facilities. Project manager to develop an FHWA manual for bicycle facility design and planning, on bikeway plans for Del Mar, (Calif.), the UC Davis and the City of Davis. Consultant to bikeway plans for Eugene, Oregon, Washington, D.C., Buffalo, New York, and Skokie, Illinois. Consultant to U.S. Bureau of Reclamation for development of hydraulically efficient, bicycle safe drainage inlets. Consultant on FHWA research on effective retrofits of undercrossing and overcrossing structures for bicyclists, pedestrians, and handicapped.

MEMBERSHIPS

Institute of Transportation Engineers Transportation Research Board

PUBLICATIONS AND AWARDS

Residential Street Design and Traffic Control, with W. Homburger *et al.* Prentice Hall, 1989.

Co-recipient, Progressive Architecture Citation, *Mission Bay Master Plan*, with I.M. Pei WRT Associated, 1984.

Residential Traffic Management, State of the Art Report, U.S. Department of Transportation, 1979.

Improving The Residential Street Environment, with Donald Appleyard et al., U.S. Department of Transportation, 1979.

Strategic Concepts in Residential Neighborhood Traffic Control, International Symposium on Traffic Control Systems, Berkeley, California, 1979.

Planning and Design of Bicycle Facilities: Pitfalls and New Directions, Transportation Research Board, Research Record 570, 1976.

Co-recipient, Progressive Architecture Award, *Livable Urban Streets, San Francisco Bay Area and London*, with Donald Appleyard, 1979.

A.4 - ENGEO Response to Contra Costa Residents

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Project No.
14813.000.001

December 11, 2019

Ms. Kristen Gates
Hanover R.S. Limited Partnership
1780 South Post Oak Lane
Houston, TX 77056

Subject: Del Hombre Site
Walnut Creek, California

RESPONSE TO NOVEMBER 15, 2019 ABJC LETTER

References:
1. Frist Carbon Solutions; Draft Environmental Impact Report; Del Hombre Apartments Project; Walnut Creek; September 10, 2019.
2. ENGEO; Phase II Environmental Site Assessment; Del Hombre Site; Walnut Creek, California; May 24, 2018; revised August 21, 2018.
3. Adams, Broadwell, Joseph, & Cardozo, Comments on the Draft Environmental Impact Report (SCH #2018102067); November 15, 2019.

Dear Ms. Gates:

We are pleased to submit this letter to respond to comments presented in a letter from Adams, Broadwell, Joseph, & Cardozo (ABJC) dated November 15, 2019, regarding the Draft Environmental Impact Report (DEIR) (Reference 1) prepared for the subject property (Property) in unincorporated Contra Costa County, California.

BACKGROUND

The Property is located at 3010, 3018, 3050, 3070 Del Hombre and 112 Roble Road in Walnut Creek. The Property consists of approximately 2.5 acres and is identified by Assessor's Parcel Numbers (APNs) 148-170-042-3, 148-170-001-9, 148-170-022-5, 148-170-041-5, and 148-170-037-3. Currently, the Property is comprised of vacant land with two residences located on APN 148-170-037-3 and 148-170-022-5.

In order to identify and analyze potential impacts from hazardous materials during the redevelopment of the Property, ENGEO prepared a Phase I environmental site assessment (ESA) (Reference 2) of the Property. The ESA noted that the Property was used decades ago from approximately the 1930s until the 1950s as part of an orchard. To investigate this potential issue further, ENGEO performed Phase II testing of shallow soils at the Property in May 2018. This testing found detectable concentrations of certain metallic analytes and organochlorine pesticides (OCPs) in excess of respective residential screening levels in the upper 1 foot of soil at the Property. These results were discussed in the DEIR on page 3.8-5. Soil sampling conducted at deeper depths did not indicate detections of such constituents above residential screening levels.

RESPONSE TO COMMENTS

A: The DEIR Fails to Identify, Analyze and Mitigate the Project's Impacts from Hazardous Materials in Soils at the Project Site

ABJC contends that the proposed temporary shallow soil excavation work associated with the development poses a significant risk to workers and neighbors that must be analyzed further and mitigated. ENGEO disagrees with ABJC's contention.

As noted below, shallow soil conditions at the Property have been adequately investigated and characterized. Shallow soil will be excavated as part of the proposed development and will be disposed of offsite in accordance with applicable laws and regulations. This shallow excavation work will occur for only a short duration. As discussed further below, the removal of the shallow soil as part of development activities will not create a significant risk to workers or neighbors. Furthermore, the DEIR specifically contemplates that dust suppression measures will be implemented during the temporary excavation of shallow soil and that all site work will be conducted in accordance with applicable local, state, and federal regulations and laws.

A1: The DEIR Fails to Inform the Public of Specific Findings of Contaminated Soil from the May 2018 Phase II ESA

ABJC asserts that the DEIR failed to inform the public regarding the findings related to shallow impacted soil identified in a May 2018 Phase II ESA. This is false. The DEIR discusses the May 2018 Phase II testing and its results on page 3.8-5. ENGEO further notes that the revised August 2018 Phase II specifically discusses and summarizes the results of the May 2018 report. The revised August 2018 Phase II informs the public that certain metallic analytes and OCPs associated with the historic orchard operations are present in the upper two feet of soils. Therefore, the public has sufficient information about the historic onsite orchard use and ENGEO's Phase II findings.

A2: The DEIR Lacks Substantial Evidence to Conclude Contaminated Soils Pose No Significant Impact

ABJC alleges that the Phase II ESA failed to determine the magnitude of the impacts and the Phase II ESA lacks substantial evidence to make conclusions regarding the impacts at the Property. ENGEO disagrees with these statements.

The May Phase II ESA identified impacts in the upper layer of soil. Since the historic orchard cultivation presumably occurred across the Property, ENGEO conservatively assumed that the identified shallow soil impacts could extend laterally in other areas of the Property. The August Phase II Update then determined the vertical extent of these impacts was limited to the upper two feet of soil. Since the proposed project calls for excavation of the Property to facilitate the installation of an underground parking garage, the upper two feet of soil will be excavated and, as required under the DEIR, transported and disposed of offsite in accordance with local, state, and federal regulations and laws. In addition, as noted in the DEIR, dust suppression measures will be implemented during all site work. Therefore, no additional sampling is warranted.

ABJC alleges that metallic analytes and OCPs identified in shallow soil present an unacceptable risk exists to onsite workers and neighboring residents. ENGEO prepared dust exposure calculations using overly conservative assumptions and confirmed that any potential dust

generated during excavation work will not pose an unacceptable risk to workers or nearby receptors.

FUGITIVE DUST EMISSION CALCULATIONS (Based on PM_{10} = 50 μg/m^3 differential)

Cancer risk for the outdoor air exposure pathway was calculated for a residential scenario using the equations presented in Figures 2.9 and 2.10 of the DTSC *PEA Guidance Manual* (October 2015). The calculations are based on fugitive dust emissions of PM_{10} at 50 μg/m^3, per the California Ambient Air Quality Standards for particulate matter. The toxicity factors used to calculate risk were obtained from the California Office of Environmental Health Hazard Assessment (OEHHA) Toxicity Criteria Database.

The exposure point concentrations for outdoor air were estimated using the following equation presented in Figure 2.10 of the PEA guidance manual:

$C_a = C_s$ / PEF x 1,000 μg/mg
Where: C_a = concentration in air, μg/m^3
C_s = concentration in soil, mg/kg
PEF= 1.36x10^9 m^3/kg

- Using the maximum dieldrin concentration of 53.4 mg/kg, we calculated an air concentration of 3.93E^{-5} μg/m^3.
- Using the maximum chlordane concentration of 1,000 mg/kg, we calculated an air concentration of 7.35E^{-4} μg/m^3.
- Using the maximum arsenic concentration of 13.1 mg/kg, we calculated an air concentration of 9.63E^{-6} μg/m^3.

The cancer risk for the inhalation of outdoor air pathway was calculated using the following equation presented in Figure 2.9 of the *PEA Guidance Manual*:

$Risk_{air}$ = IUR x C_a x 0.356
Where: IUR = Inhalation Unit Risk (μg/m^3-day)$^{-1}$
[OEHHA Toxicity Criteria Database]
Ca = maximum concentration in outdoor air, mg/m^3

- Using the dieldrin outdoor air exposure point concentration of 3.93E^{-5} μg/m^3, we calculated a cancer risk of 6.44E^{-8} for the outdoor air pathway. The cancer risk for dieldrin is 15.6 times less than the acceptable risk level of 1E^{-6}.
- Using the chlordane outdoor air exposure point concentration of 7.35E^{-4} μg/m^3, we calculated a cancer risk of 8.90E^{-8} for the outdoor air pathway. The cancer risk for chlordane is 11.2 times less than the acceptable risk level of 1E^{-6}.
- Using the arsenic outdoor air exposure point concentration of 9.63E^{-6} μg/m^3, we calculated a cancer risk of 1.13E^{-8} for the outdoor air pathway. The cancer risk for arsenic is 88.5 times less than the acceptable risk level of 1E^{-6}.

The risk values were calculated using a default PEL value of 1.36 x 10^9 m^3/kg, which utilizes a default vegetative cover factor of 50 percent. Additionally, this cancer risk calculation includes a highly conservative calculation, based on chronic exposure levels to residents for 70 years, 365 days/year, 24 hours/day. These risk values are overly conservative, given that grading and excavation work within the upper two feet of soil within which certain metals and OCPs above residential screening levels may be present will last for only a short duration (likely less than one week). In addition, as noted in the DEIR, dust suppression measures will be implemented during all field activities, including those activities within the upper two feet of soil.

ABJC also commented that the Phase II ESA did not appropriately follow the DTSC 2008 *Interim Guidance for Sampling Agricultural Properties, Third Revision* (2008 Guidance). This statement is incorrect. The DTSC guidance document states for sites 2 to 3 acres in area, four discrete samples will be analyzed for OCPs and arsenic. Initially, ENGEO analyzed a 4-point composite sample in May 2018. Based on the initial composite results, each of the four samples were re-analyzed on a discrete basis for OCPs. In addition, samples were recovered from four locations at 1 and 5 feet, which were also analyzed for metals. This testing is consistent with the DTSC guidance document. As part of ENGEO's investigations, the laboratory completed a variety of quality control checks on equipment used during the soil collection, and the laboratory reports did not identify quality control issues during the analysis of the samples. Therefore, it is ENGEO's professional opinion that the laboratory results are defensible and valid.

ABJC's comments also contend that neither Phase II ESA nor the DEIR conducted a health risk assessment to determine the public health implications of elevated concentrations of toxins at the Property. The function of a Phase II ESA report is to summarize the findings of environmental characterization activities, not to provide these types of analyses; however, as noted, the impacted soil in the upper two feet will be removed for proper disposal, as part of construction. Further, the dust calculations verify there is no unacceptable health risk associated with dust to be generated during future grading and excavation.

The remaining comments in this section have been addressed. The vertical extent of certain metallic and OCPs has been determined to be two feet. The horizontal extent has been conservatively assumed to extend to beyond the immediate testing locations. As noted above, the construction of an underground parking garage as part of the proposed development will result in the excavation of the noted shallow soil.

A3: Substantial Evidence shows that Contaminants in Soils Pose a Significant Health Risk

ABJC argues that the cancer risk of the compounds found in soils at the Property exceed the acceptable limit of $1E^{-6}$. ABJC's argument mistakenly relies upon Tier 1 residential screening levels for direct exposure, which are based on long-term and frequent exposure assumptions. Since all of the affected soils will be removed as part of construction, ABJC's reliance upon such conservative, long-term and frequent direct exposure assumptions is not appropriate in this case.

As the calculations presented above show, the cancer risk from the known contaminants at the Property do not pose an unacceptable risk to workers or neighbors, particularly given the short potential exposure scenario during the shallow soil excavation and the dust suppression measures, which will be implemented during development.

A4: The DEIR Must Be Revised to Mitigate the Impact from Dieldrin, Chlordane, and Arsenic in Surface Soils at the Project Site

ABJC argues that a number of revisions to the DEIR are required. ENGEO disagrees and ENGEO recommends no further characterization.

ABJC states that the DEIR must include a variety of mitigation measures to protect workers and the public from chemical-laden dust. As previously stated, the above dust calculations confirm there is no risk to workers or offsite receptors. Additionally, as discussed in the DEIR, excavation activities within shallow soil will be temporary and dust suppression measures will be implemented during these activities.

ABJC states that standard construction dust suppression activities will not be adequate for the protection of workers and neighboring residents. ENGEO disagrees with this opinion. The appropriate calculations provided above for risk due to the impacted soils verify that the health risk to construction workers and nearby receptors is 11 to 88 times below published acceptable risk levels. No additional suppressants or controls are necessary.

If you have any questions regarding this letter, please contact us and we will gladly discuss them with you.

Sincerely,

ENGEO Incorporated

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SHAWN MUNGER
No. HG 413
STATE OF CALIFORNIA

Shawn Munger, CHG

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