Keith Nowell, P.G., C.HG
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway
Alameda, California 94502

Subject: **TRANSMITTAL LETTER & ACKNOLEDGEMENT STATEMENT**

Location: **Former Exxon Station, 3055 35th Avenue, Oakland**

ACEH LOP#: **RO-0000271; GeoTracker #: T0600100538;**

Dear Mr. Nowell:

I have read and acknowledge the content, recommendations, and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and SWRCB's GeoTracker website.

Sincerely,

Lynn Worthington

Lynn Worthington
Golden Empire Properties, Inc.

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Drive, Watsonville, CA 95076
(831) 722-3580 // www.weber-hayes.com

May 8, 2017

Keith Nowell, PG, CHG
Alameda County Department of Environmental Health
Local Oversight Program (LOP) for Hazardous Materials Releases
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Laboratory Analysis Report

Site: Former Exxon, 3055 35th Avenue, Oakland, CA, Fuel Leak Case RO0000271
GeoTracker Global ID T0600100538

Dear Mr. Nowell:

As requested by the Alameda County Department of Environmental Health (ACDEH) in their March 7, 2017 *Conditional Work Plan Approval* for the subject site, we are presenting Laboratory Analytical Data collected in March and April 2017 at the site and in the vicinity.

Attached please find:

- Figure 1: Analytical Results – Groundwater Monitoring and Remediation Wells March 2017
- Figure 2: Groundwater Grab Sample Analytical Results – April 2017
- Figure 3: Soil Sample Analytical Results – April 2017
- Table 1: 2017 Groundwater Elevation and Analytical Data – Monitoring Wells
- Table 2: Current & Historic Groundwater Elevation and Analytical Data – Monitoring Wells
- Table 3: Current & Historical Grab Groundwater Analytical Results
- Table 4: Summary of Soil Sample Analytical Results
- Appendix A: Laboratory Analytical Reports - Groundwater Samples
- Appendix B: Laboratory Analytical Reports – Soil Samples
- Appendix C: Boring Logs

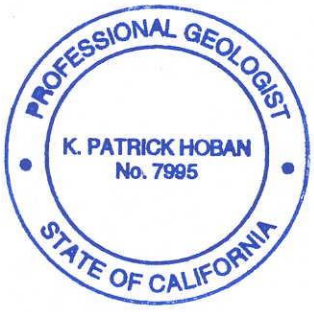
If you have any questions or comments regarding the information presented please contact us at our offices at 831-722-3580, or by electronic mail at craig@weber-hayes.com.

Sincerely yours,

WEBER, HAYES AND ASSOCIATES

A California Corporation

By: _____
Craig B. Drizin, PE
Senior Engineer



And: _____
Patrick Hoban
Senior Geologist

FIGURES

FIGURE 1

Project 2X103.F

ANALYTICAL RESULTS - GROUNDWATER MONITORING AND REMEDIATION WELLS - MARCH 2017

SITE: FORMER EXXON STATION
ADDRESS: 3055 35TH AVENUE, OAKLAND, CA

DATE: MAY 2017

REVISIONS/NOTES:

0' 80'
APPROXIMATE SCALE
BASE MAP GENERATED FROM AND GOOGLE EARTH

HISTORICAL GROUNDWATER FLOW DIRECTION
Data collected by previous consultants (1996-2008) and WHA (2011-)

HUMBOLDT AVENUE
BARTLETT STREET
SCHOOL STREET
SUTTER STREET
MANGELS AVENUE
PENNIMAN AVENUE
35TH AVENUE
HAGE

GREEN OAK BUILDERS
(FORMER TEXACO STATION)
3101 35TH AVENUE
GLOBAL ID: T0600100538

QUIK STOP
(ACTIVE GAS STATION)
3130 35TH AVENUE

UST Excavation 1991

MW-4
Elevation = 155.73'
TPH-d: 1,860 ppb
TPH-g: 6,310 ppb
B: 1,500 ppb
T: 6.7 ppb
E: 78 ppb
X: ND
MTBE: 11 ppb
TBA: 110 ppb
D.O.: 8.24 mg/L

RW-8
Elevation = 156.08'
TPH-d: 121 ppb
TPH-g: ND
B: ND
T: ND
E: ND
X: ND
MTBE: 0.59 ppb
TBA: ND
D.O.: 9.72 mg/L

RW-7
Elevation = 159.43'
TPH-d: ND
TPH-g: ND
B: ND
T: ND
E: ND
X: ND
MTBE: ND
TBA: ND
D.O.: 9.36 mg/L

RW-9
Elevation = 156.06'
TPH-d: 160 ppb
TPH-g: ND
B: ND
T: ND
E: ND
X: ND ppb
MTBE: 0.58 ppb
TBA: 5.6 ppb
D.O.: 9.4 mg/L

RW-10
Elevation = 156.42'
TPH-d: 107 ppb
TPH-g: ND
B: ND
T: ND
E: ND
X: ND
MTBE: ND
TBA: ND
D.O.: 7.86 mg/L

MW-1
Elevation = 156.34'
TPH-d: 1,240 ppb
TPH-g: 2,940 ppb
B: 1,100 ppb
T: ND
E: ND
X: ND
MTBE: 29 ppb
TBA: 210 ppb
D.O.: 8.83 mg/L

RW-14
Elevation = 157.18'
TPH-d: ND
TPH-g: ND
B: 7.7 ppb
T: ND
E: 2.9 ppb
X: ND
MTBE: ND
TBA: ND
D.O.: 7.84 mg/L

MW-6
Elevation = 158.27'
TPH-d: 332 ppb
TPH-g: 170 ppb
B: 26 ppb
T: 0.59 ppb
E: **5.0** ppb
X: **3.6** ppb
MTBE: **ND**
TBA: 6.0 ppb
D.O.: 4.65 mg/L

MW-5
Elevation = 158.79'
TPH-d: 974 ppb
TPH-g: 11,100 ppb
B: 2,300 ppb
T: 34 ppb
E: 410 ppb
X: 48 J ppb
MTBE: 100 ppb
TBA: <62 ppb
D.O.: 6.81 mg/L

MW-3
Elevation = 156.12'
TPH-d: 2,030 ppb
TPH-g: 15,600 ppb
B: 4,500 ppb
T: ND
E: 320 ppb
X: 79 ppb
MTBE: 46 ppb
TBA: 230 ppb
D.O.: 7.87 mg/L

RW-6
Elevation = 156.14'
TPH-d: 112 ppb
TPH-g: 84.2
B: 1.3 ppb
T: ND
E: ND
X: 2.1 ppb
MTBE: ND
TBA: ND
D.O.: 8.74 mg/L

RW-5
Elevation = 161.84'
TPH-d: 102 ppb
TPH-g: ND
B: ND
T: ND
E: ND
X: ND
MTBE: ND
TBA: ND
D.O.: 7.71 mg/L

RW-12
Elevation = 157.17'
TPH-d: 104 ppb
TPH-g: ND
B: ND
T: ND
E: ND
X: ND
MTBE: ND
TBA: ND
D.O.: 7.76 mg/L

RW-11
Elevation = 156.22'
TPH-d: ND
TPH-g: ND
B: ND
T: ND
E: ND
X: ND
MTBE: ND
TBA: ND
D.O.: 8.72 mg/L

MW-2
Elevation = 156.82'
TPH-d: 1,180 ppb
TPH-g: 4,130 ppb
B: 440 ppb
T: ND
E: 13 ppb
X: ND
MTBE: 11 ppb
TBA: ND
D.O.: 7.9 mg/L

RW-13
Elevation = 157.58'
TPH-d: ND
TPH-g: ND
B: ND
T: ND
E: ND
X: ND
MTBE: ND
TBA: ND
D.O.: 8.05 mg/L

EXPLANATION OF SYMBOLS

- MW-1 — Monitoring Well (sampled 3/28/2017) - WHA
- RW-5 — Remediation Well (sampled 3/29/2017) - WHA
- DP-13 — Soil Boring and Groundwater Grab Sample - (sampled 4/19/2017) - WHA
- B-13 — Soil Boring (sampled 7/13-23/2007) - CRA
- B-19 — Soil Boring (sampled 11/3-7/2008) - CRA
- SV-11 — Soil Gas Sample (12/5/2008) - CRA
- SV-1 — Soil Gas Sample (5/24/2007) - CRA
- Interpolated Benzene Plume > 30 ug/L
- Residential structure
- Commercial structure

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FIGURE 2

Project 2X103.F

GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS - APRIL 2017

SITE: FORMER EXXON STATION
ADDRESS: 3055 35TH AVENUE, OAKLAND, CA

REVISIONS/NOTES:

DATE: MAY 2017

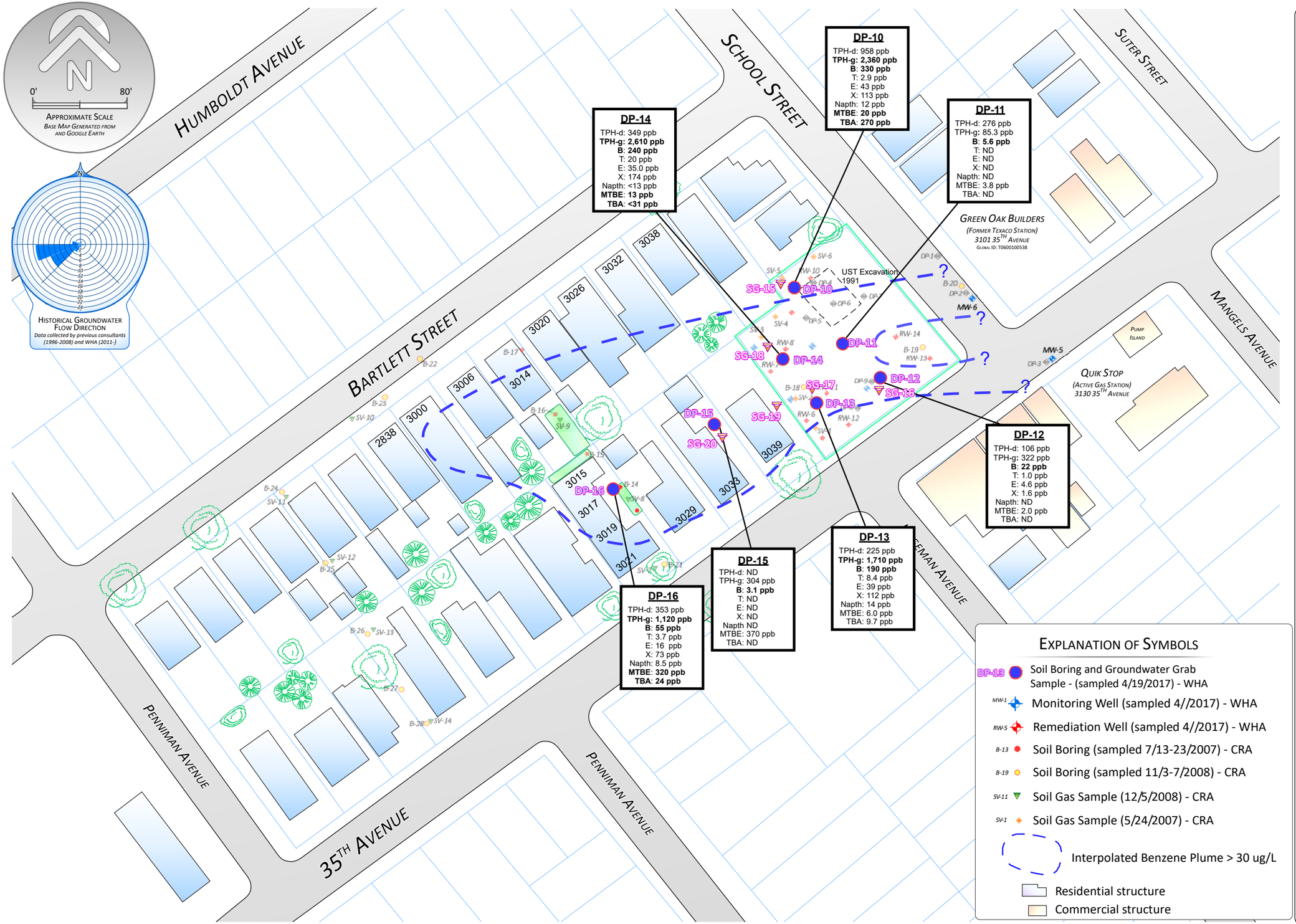

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FIGURE 3

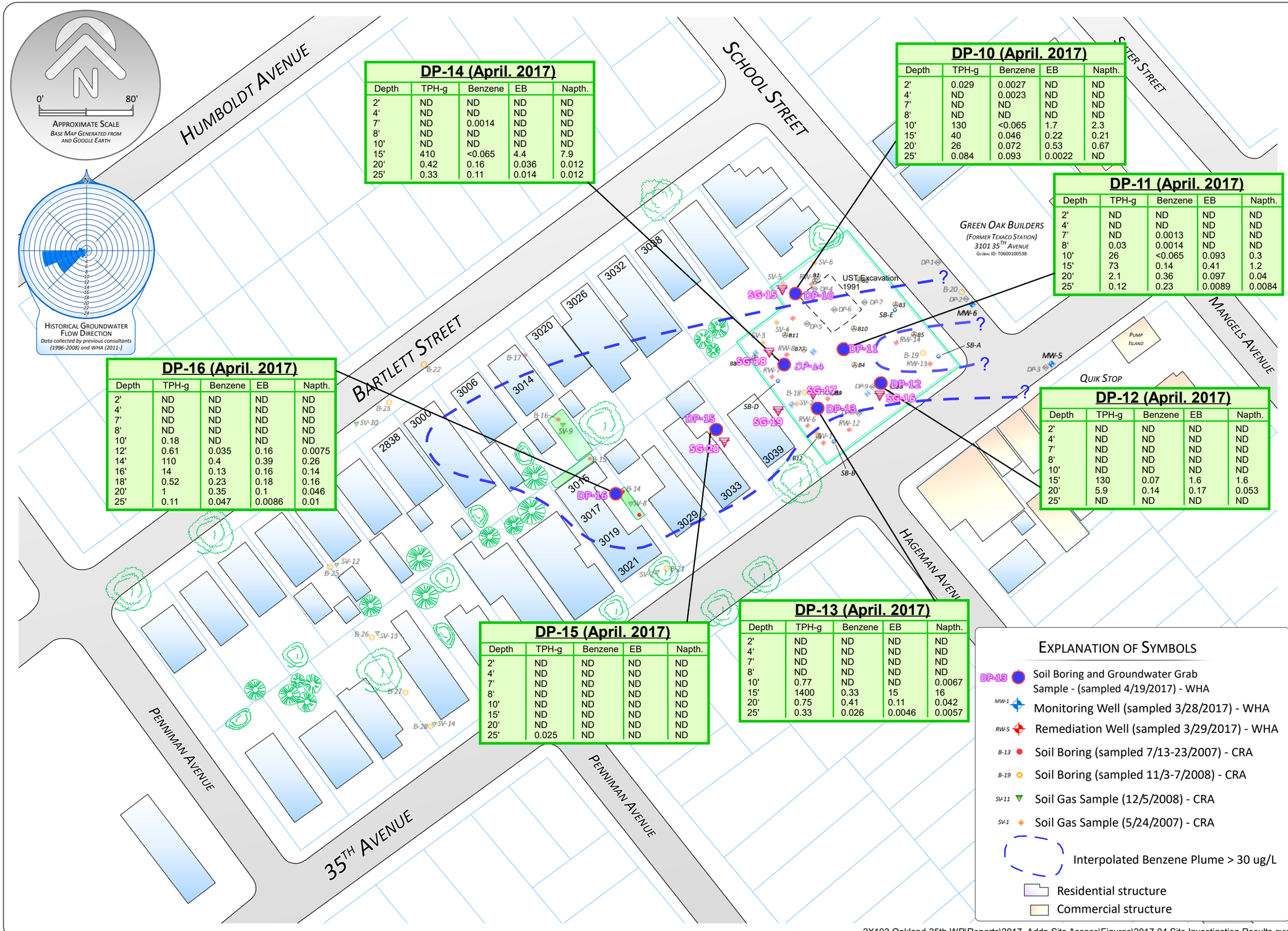
Project 2X103.F

SOIL SAMPLE ANALYTICAL RESULTS - APRIL 2017

SITE: FORMER EXXON STATION
ADDRESS: 3055 35TH AVENUE, OAKLAND, CA

REVISIONS/NOTES:

DATE: MAY 2017



DP-14 (April. 2017)

Depth	TPH-g	Benzene	EB	Napth.
2'	ND	ND	ND	ND
4'	ND	ND	ND	ND
7'	ND	0.0014	ND	ND
8'	ND	ND	ND	ND
10'	ND	ND	ND	ND
15'	410	<0.065	4.4	7.9
20'	0.42	0.16	0.036	0.012
25'	0.33	0.11	0.014	0.012

DP-10 (April. 2017)

Depth	TPH-g	Benzene	EB	Napth.
2'	0.029	0.0027	ND	ND
4'	ND	0.0023	ND	ND
7'	ND	ND	ND	ND
8'	ND	ND	ND	ND
10'	130	<0.065	1.7	2.3
15'	40	0.046	0.22	0.21
20'	26	0.072	0.53	0.67
25'	0.084	0.093	0.0022	ND

DP-11 (April. 2017)

Depth	TPH-g	Benzene	EB	Napth.
2'	ND	ND	ND	ND
4'	ND	ND	ND	ND
7'	ND	0.0013	ND	ND
8'	0.03	0.0014	ND	ND
10'	26	<0.065	0.093	0.3
15'	73	0.14	0.41	1.2
20'	2.1	0.36	0.097	0.04
25'	0.12	0.23	0.0089	0.0084

DP-16 (April. 2017)

Depth	TPH-g	Benzene	EB	Napth.
2'	ND	ND	ND	ND
4'	ND	ND	ND	ND
7'	ND	ND	ND	ND
8'	ND	ND	ND	ND
10'	0.18	ND	ND	ND
12'	0.61	0.035	0.16	0.0075
14'	110	0.4	0.39	0.26
16'	14	0.13	0.16	0.14
18'	0.52	0.23	0.18	0.16
20'	1	0.35	0.1	0.046
25'	0.11	0.047	0.0086	0.01

DP-12 (April. 2017)

Depth	TPH-g	Benzene	EB	Napth.
2'	ND	ND	ND	ND
4'	ND	ND	ND	ND
7'	ND	ND	ND	ND
8'	ND	ND	ND	ND
10'	ND	ND	ND	ND
15'	130	0.07	1.6	1.6
20'	5.9	0.14	0.17	0.053
25'	ND	ND	ND	ND

DP-15 (April. 2017)

Depth	TPH-g	Benzene	EB	Napth.
2'	ND	ND	ND	ND
4'	ND	ND	ND	ND
7'	ND	ND	ND	ND
8'	ND	ND	ND	ND
10'	ND	ND	ND	ND
15'	ND	ND	ND	ND
20'	ND	ND	ND	ND
25'	0.025	ND	ND	ND

DP-13 (April. 2017)

Depth	TPH-g	Benzene	EB	Napth.
2'	ND	ND	ND	ND
4'	ND	ND	ND	ND
7'	ND	ND	ND	ND
8'	ND	ND	ND	ND
10'	0.77	ND	ND	0.0067
15'	1400	0.33	15	16
20'	0.75	0.41	0.11	0.042
25'	0.33	0.026	0.0046	0.0057

EXPLANATION OF SYMBOLS

- DP-13 — Soil Boring and Groundwater Grab Sample - (sampled 4/19/2017) - WHA
- MW-1 — Monitoring Well (sampled 3/28/2017) - WHA
- RW-5 — Remediation Well (sampled 3/29/2017) - WHA
- B-13 — Soil Boring (sampled 7/13-23/2007) - CRA
- B-19 — Soil Boring (sampled 11/3-7/2008) - CRA
- SV-11 — Soil Gas Sample (12/5/2008) - CRA
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- Interpolated Benzene Plume > 30 ug/L
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TABLES

Table 1: 2017 Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L or ppb)

Monitoring Point Information			Date	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data								Field Measurements	
						Total Petroleum Hydrocarbons		Volatile Organic Compounds							
Well # ***Well Diameter***	**Screen Interval (feet)**	**TOC Elevation (feet)**				**Diesel**	**Gasoline**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylenes**	**MTBE**	**TBA**	**Dissolved Oxygen (mg/L)**	**Oxidation Reduction Potential (mV)**
MW-1 *4-inch*	10 - 25	167.02	3/29/2017	10.68	156.34	**1,240***	**2,940**	**1,100**	< 1.2	< 1.6	< 4.6	**29**	**210**	8.83	-263.9
MW-2 *4-inch*	10 - 25	166.14	3/28/2017	9.32	156.82	**1,180 ***	**4,130***	**440**	< 1.2	**13**	< 4.6	**11**	**< 25**	7.9	13.6
MW-3 *2-inch*	10 - 25	162.94	3/29/2017	6.82	156.12	**2,030**	**15,600***	**4,500**	< 6.0	**320**	**79**	**46**	**230**	7.87	-484
MW-4 *2-inch*	10 - 30	163.49	3/29/2017	7.76	155.73	**1,860***	**6,310***	**1,500**	**6.7**	**78**	< 4.6	**11**	**110**	8.24	-277.7
MW-5 *2-inch*	20 - 30	165.74	3/28/2017	6.95	158.79	**974***	**11,100***	**2,300**	**34**	**410**	**48.0**	**100**	**< 62**	6.81	182.1
MW-6 *2-inch*	20 - 30	164.3	3/28/2017	6.03	158.27	**332***	**170***	**26**	**0.59**	**5.0**	**3.60**	< 0.077	**6.0**	4.65	190.3
RW-5 *4-inch*	5 - 25.7	162.34	3/29/2017	0.50	161.84	**102***	< 29	**< 0.16**	< 0.14	< 0.20	< 0.54	< .077	< 2.9	7.71	-58.7
RW-6 *4-inch*	5 - 25.5	162.36	3/29/2017	6.22	156.14	**112**	**84.2***	**1.3**	< 0.14	< 0.20	**2.1**	< .077	< 2.9	8.74	-453
RW-7 *4-inch*	5 - 29.5	162.72	3/29/2017	3.29	159.43	< 37	< 29	**< 0.16**	< 0.14	< 0.20	< 0.54	< .077	< 2.9	9.36	-146.1
RW-8 *4-inch*	5 - 29.5	164.13	3/29/2017	8.05	156.08	**121***	< 29	**< 0.16**	< 0.14	< 0.20	< 0.54	**0.59**	< 2.9	9.72	-200
RW-9 *4-inch*	5 - 25	163.86	3/29/2017	7.80	156.06	160*	< 29	**< 0.16**	< 0.14	< 0.20	< 0.54	**0.58**	**5.6**	9.4	-90.2
RW-10 *4-inch*	5 - 25	163.02	3/29/2017	6.60	156.42	**107***	< 29	**< 0.16**	< 0.14	< 0.20	< 0.54	< .077	< 2.9	7.86	14
RW-11 *4-inch*	5 - 25	162.67	3/29/2017	6.45	156.22	< 37	< 29	**< 0.16**	< 0.14	< 0.20	< 0.54	< .077	< 2.9	8.72	-188.7
RW-12 *4-inch*	5 - 27	163.06	3/29/2017	5.89	157.17	**104***	< 29	**< 0.16**	< 0.14	< 0.20	< 0.54	< .077	< 2.9	7.76	105.2
RW-13 *4-inch*	5 - 25	164.34	3/28/2017	6.76	157.58	< 37	< 29	< 0.16	< 0.14	< 0.20	< 0.54	< .077	< 2.9	8.05	172.7
RW-14 *4-inch*	5 - 25	163.76	3/28/2017	6.58	157.18	< 37	< 29	**7.7**	< 0.14	**2.9**	< 0.54	< .077	< 2.9	7.84	171.6
Laboratory Detection Limit:						**100**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**0.5**	**5**	**Field Instrument**	
Water Quality Objectives (WQOs):						**1,000**		**1**	**150**	**300**	**1,750**	**13**	**12**	--	--

Notes

WQO = Water Quality Objectives: Based on Maximum Contaminant Levels (Department of Health Services, last updated 9-23-2015) or taste & odor threshold limits.

BOLD = Above WQO Threshold **TOC =** Top of Casing **-- =** Data not available. **< # =** Not detected at or above reporting limit.

* = Sample chromatographic pattern does not resemble typical diesel standard pattern; unknown organics within diesel range quantified as diesel.

** = Laboratory report indicates although TPH Gasoline compounds are present, the sample pattern does not match pattern of reference Gasoline standard. Hydrocarbons within range of C5-C12 quantified as Gasoline.

J = Laboratory indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather than quantitative.

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)		
MW-1 *4-inch*	10 - 25	167.02																			
			3/29/2017	--		10.68	156.34	**1,240***	--	**2,940**	**1,100**	< 1.2	< 1.6	< 4.6	**29**	**210**	--	--	< 1.0 - 0.60	8.83	-262.9
			7/15/2015	--		19.35	147.67	**1,400*****	--	**3,700***	**1,700**	2.0J	16	1.8J	**17**	**110**	< 4.2	< 4.2	< 4.2	0.37	-126
			1/9/2014	--		20.49	146.53	--	--	--	--	--	--	--	--	--	--	--	--	0.89	-110
			9/20/2013	--		20.51	146.51	**1,500*****	--	**2,900★**	**4,500**	9.6	150	6.8J	< 1.4	**98**	< 0.57	< 0.95	< 0.80 - 1.3	0.77	-88
			6/25/2013	--		19.58	147.44	--	--	--	--	--	--	--	--	--	--	--	--	0.74	-100
			3/13/2013	--		16.84	150.18	--	--	--	--	--	--	--	--	--	--	--	--	1.28	-79
			11/9/2012	--		18.58	148.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		20.14	146.88	**1,800*****	--	**1,600***	**3,100**	9	110	9.4J	< 1.5	**210**	< 0.59	< 0.99	< 0.84 - 1.4	0.85	-109
			3/30/2012	--		11.10	155.92	**1,400*****	--	**3,300★**	**1,200**	3.6J	82	8.7J	< 1.5	< 14	< 0.59	< 0.99	< 0.84 - 1.4	2.39	-100
			9/22/2011	--		19.22	147.80	690**	--	**6,700***	**1,900**	< 8.4	140	< 14.4	**23**	--	--	--	--	0.72	-91
			3/17/2011	--		11.65	155.37	**1,100** [e]	--	**4,700** [d]	**940**	17	5.7	55	**(34)**	--	--	--	--	0.69	Not operating
			9/10/2010	--	(Z^{TPHd})	19.99	147.03	**1,700** [e,f] **(790)** [e,f]	--	**6,800** [d]	**1,700**	17	150	150	**(28)**	--	--	--	--	0.65	Not operating
			3/14/2010	--	(Z^{TPHd})	11.08	155.94	**2,100** [e,f] **(2,000)** [e,f]	--	**7,700** [d]	**1,400**	22	10	210	**(42)**	--	--	--	--	1.64	Not operating
			9/5/2009	--	(Z^{TPHd})	19.78	147.24	**1500** [e,f,k] **(1,200)** [e,k]	--	**5,800** [d]	**1,400**	21	60	150	**(37)**	--	--	--	--	1.22	Not operating
			6/7/2009	Sheen [Field]	(Z^{TPHd})	17.17	149.85	**1,400** [e,f,m] **(690)** [e]	--	**5,100** [d]	**1,000**	9.2	35	71	**(42)**	--	--	--	--	0.95	Not operating
			3/14/2009	Sheen [Field]	(Z^{TPHd})	12.57	154.45	**2,000** [e,f,k] **(860** [e]**)**	--	**6,700** [d]	**1,100**	23	100	180	**(35)**	--	--	--	--	1.19	Not operating
			12/28/2008	Sheen [Field]	(Z^{TPHd})	16.57	150.45	**(2,800** [e]**)**	< 250	**5,700** [d]	**660**	17	110	320	**(41)**	--	--	--	--	1.06	Not operating
			9/6/2008	--	(Z^{TPHd})	20.66	146.36	(420 [e])	--	**2,400** [d]	**500**	11	30	67	< 75	--	--	--	--	1.20	Not operating
			6/14/2008	--	(Z)	18.98	148.04	(410 [e])	(< 250)	**(3,800** [d]**)**	**(690)**	(12)	(64)	(240)	(< 80)	--	--	--	--	1.95	Not operating
			3/9/2008	Sheen [Field]	(Z)	12.98	154.04	(470 [e])	(< 250)	**(4,600** [d]**)**	**(1,100)**	(23)	(82)	(140)	(< 50)	--	--	--	--	1.17	Not operating
			12/8/2007	Sheen [Field]		18.66	148.36	520 [e,f]	--	**4,500** [d]	**570**	13	57	200	< 120	--	--	--	--	1.24	Not operating
			9/6/2007	--		20.84	146.18	690 [e,f]	--	**2,800** [d]	**590**	17	35	100	< 80	--	--	--	--	0.90	Not operating
			6/15/2007	Sheen [Field]		18.07	148.95	**1,500** [e,k,f]	--	**5,600** [d]	**1,200**	29	84	190	**56**	--	--	--	--	0.74	Not operating
			3/16/2007	--		13.62	153.40	**1,800** [e,f]	--	**7,500** [d]	**1,400**	30	100	270	< 150	--	--	--	--	0.58	Not operating
			12/6/2006	Sheen [Lab]		19.92	147.10	760 [e,g]	--	**4,500** [d,g]	**440**	13	42	190	< 60	--	--	--	--	0.55	Not operating
			9/5/2006	Sheen [Lab]		19.96	147.06	**1,500** [e,f,k,g]	--	**5,500** [d,g]	**1,000**	45	81	310	< 120	--	--	--	--	0.38	Not operating
			6/30/2006	Sheen [Field]		16.33	150.69	**1,500** [m,k,l]	--	**2,100** [d,l]	**320**	6.1	< 1.0	77	< 90	--	--	--	--	0.66	Not operating
			3/22/2006	Sheen [Field]		10.52	156.50	**1,100** [e,f,k]	--	**8,300** [d]	**1,700**	100	190	660	< 150	--	--	--	--	0.84	Not operating
			12/14/2005	Sheen [Field]		17.63	149.39	**4,000** [e,f,k]	--	**6,200** [d]	**570**	32	72	420	< 110	--	--	--	--	1.08	Not operating
			9/21/2005	--		19.64	147.38	860 [e,k,f]	--	**2,900** [d]	**430**	19	46	150	< 50	< 66	< 8.6	< 12	< 14 - 17	1.14	Not operating
			6/21/2005	--		14.60	152.42	930 [e,k]	--	**6,500** [d]	**820**	26	57	110	< 250	--	--	--	--	--	Not operating
			3/7/2005	--		10.73	156.29	**1,300** [e,f,k]	--	**8,700** [d]	**1,200**	99	140	770	< 500	--	--	--	--	0.91	Not operating
		100.85	12/27/2004	--		17.04	83.81	**1,400** [e]	--	**10,000** [d]	**2,400**	**170**	170	1,500	< 120	--	--	--	--	0.41	Not operating
			9/27/2004	--		23.07	77.78	**1,700** [e]	--	**7,800** [d]	**1,800**	110	120	670	< 180	--	--	--	--	0.28	Not operating
			6/16/2004	--		19.20	81.65	**2,300** [e,f]	--	**8,100** [d]	**1,500**	69	22	1,000	< 100	--	--	--	--	--	Not operating
			3/18/2004	--		17.70	83.15	**1,100** [e,f]	--	**3,600** [d]	**650**	59	38	370	< 90	--	--	--	--	--	Operating
			12/2/2003	Sheen [Lab]		24.12	76.73	**9,300** [e,f,g]	--	**7,100** [d,g]	**1,400**	**230**	160	820	< 100	--	--	--	--	--	Operating
			9/3/2003	--		24.16	76.69	**36,000** [e,f]	--	**14,000** [d]	**300**	50	33	480	< 50	--	--	--	--	--	Operating
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs): [1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	--	--	--

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds										
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)	Dissolved Oxygen (mg/L)	
Continued			5/30/2003	--		16.65	84.20	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
MW-1			4/25/2003	--		20.90	79.95	320[e]	--	**4,200**[d]	**580**	81	59	470	< 50	--	--	--	--	--	Operating
			1/13/2003	--		14.80	86.05	**5,300**[e,f]	--	**20,000**[d]	**2,300**	**480**	**300**	**2,100**	< 500	--	--	--	--	0.33	Not operating
			11/21/2002	--		21.55	79.30	**200,000**[e,g]	--	**83,000**[d,g]	**7,100**	**1,700**	**3,000**	**13,000**	< 1,000	--	--	--	--	0.49	Operating
			9/26/2002	--		20.30	80.55	**1,300**[e,f,k]	--	**7,000**[d]	**1,300**	**190**	200	760	< 100	--	--	--	--	0.70	Operating
			6/10/2002	--		24.10	76.75	900[e,k]	--	**4,200**[d]	**830**	**170**	110	460	< 100	--	--	--	--	--	Operating
			3/11/2002	--		17.13	83.72	**1,400**[e]	--	**9,400**[d]	**2,100**	**200**	74	470	< 20	--	--	--	--	0.39	Operating
			12/7/2001	--		26.55	74.30	**1,900**[e,f]	--	**8,700**[d]	**1,300**	**160**	38	730	< 20	--	--	--	--	0.59	Operating
			8/30/2001	--		21.70	79.15	**1,400**[d]	--	**8,800**[a]	**2,100**	45	91	240	< 130	--	--	--	--	0.27	Operating
			6/6/2001	--		18.47	82.38	**4,000**	--	**19,000**	**4,500**	130	270	430	< 400	--	--	--	--	0.39	Not operating
			3/7/2001	--		16.19	84.66	**2,400**	--	**13,000**	**2,700**	43	69	300	< 100	--	--	--	--	0.49	Not operating
			12/5/2000	--		18.60	82.25	**3,400**[e]	--	**26,000**[a]	**7,900**	**150**	**580**	810	< 300	--	--	--	--	0.35	Not operating
			9/7/2000	--		19.45	81.40	**12,000**[e,g]	--	**40,000**[d,g]	**3,700**	**1,400**	**910**	**4,900**	< 50	--	--	--	--	0.17	
			3/23/2000	--		12.76	88.09	**3,300**[f]	--	**21,000**[d]	**4,700**	140	**470**	1,100	< 350	--	--	--	--	--	
			12/10/1999	--		17.02	83.83	**2,900**[e,f]	--	**25,000**[d]	**5,400**	130	**620**	1,400	< 1,000	--	--	--	--	1.03	
			9/28/1999	--		19.68	81.17	**3,600**[e,f]	--	**13,000**[d]	**3,200**	130	**320**	1,100	< 210	--	--	--	--	0.55	
			6/29/1999	--		20.77	80.08	**3,500**[e]	--	**28,000**[d]	**7,300**	**420**	**810**	1,700	< 1,300	--	--	--	--	0.10	
			3/29/1999	--		11.98	88.87	**6,800**[e]	--	**36,000**[d]	**12,000**	**750**	**1,300**	**2,400**	**950**	--	--	--	--	0.50	
			12/8/1998	--		15.62	85.23	**3,700**	--	**22,000**	**3,000**	**1,200**	**730**	**3,100**	< 900	--	--	--	--	--	
			9/30/1998	--		19.90	80.95	**3,300**	--	**37,000**	**11,000**	**950**	**1,200**	**2,800**	< 20	--	--	--	--	2.0	
			7/14/1998	--		17.34	83.51	**8,900**[e,f]	--	**41,000**[d]	**8,200**	**1,100**	**1,200**	**3,000**	< 200	--	--	--	--	1.8	
			3/18/1998	Sheen		12.34	88.51	**4,200**[e,f]	--	**30,000**[d]	**7,800**	**820**	**840**	**2,000**	< 1,100	--	--	--	--	1.3	
			12/22/1997	--		12.95	87.90	**5,800**[e]	--	**26,000**[d]	**7,900**	**370**	**920**	1,500	< 790	--	--	--	--	0.7	
			9/17/1997	--		20.12	80.73	**3,500**[e]	--	**32,000**[d]	**9,100**	**550**	**1,000**	**2,000**	< 1,000	--	--	--	--	2.1	
			6/25/1997	--		19.77	81.08	**7,400**[a]	--	**31,000**	**7,400**	**440**	**890**	**1,800**	< 400	--	--	--	--	3.7	
			3/20/1997	--		16.65	84.20	**10,000**	--	**33,000**	**6,100**	**560**	**970**	**2,200**	< 400	--	--	--	--	8.5	
			11/27/1996	Sheen		17.24	83.61	**6,100**	--	**38,000**	**9,600**	**950**	**1,600**	**3,100**	< 400	--	--	--	--	5.6	
			8/22/1996	--		22.30	78.55	**6,200**	--	**41,000**	**8,600**	**1,300**	**1,500**	**2,900**	< 200	--	--	--	--	8.0	
			5/21/1996	--		14.62	86.23	**8,500**	--	**36,000**	**8,500**	**1,400**	**1,300**	**2,800**	**1,900**	--	--	--	--	--	
			2/21/1996	--		11.69	89.16	**4,300**	--	**33,000**	**10,000**	**480**	**1,000**	**1,800**	**3,300**	--	--	--	--	--	
			11/29/1995	--		22.19	78.66	--	--	**37,000**	**9,900**	**530**	**1,600**	**2,900**	--	--	--	--	--	--	
			8/22/1995	--		20.90	79.95	--	--	**23,000**	**6,900**	**340**	**1,200**	**1,900**	--	--	--	--	--	--	
			5/23/1995	--		15.29	85.56	--	--	**22,000**	**9,900**	**990**	**790**	**2,000**	--	--	--	--	--	--	
			2/27/1995	--		15.53	85.32	--	--	**45,000**	**2,900**	**2,500**	**760**	**4,100**	--	--	--	--	--	--	
			11/11/1994	--		15.80	85.05	--	--	**57,000**	**14,000**	**4,400**	**1,400**	**6,400**	--	--	--	--	--	--	
			8/18/1994	Sheen		21.04	79.81	--	--	**925,000**	**16,500**	**6,200**	**1,000**	**9,400**	--	--	--	--	--	--	
			7/19/1994	--		20.77		--	--	--	--	--	--	--	--	--	--	--	--	--	
			5/25/1994	Sheen		16.79	84.06	**25,000**	< 50,000	**120,000**	**22,000**	**17,000**	**2,800**	**16,000**	--	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)		
MW-2 *4-inch*	10 - 25	166.14																			
			3/28/2017	--		9.32	156.82	**1,180 ***	--	**4,130***	**440**	< 1.2	**13**	< 4.6	**11**	< 25	< 0.66	--	< 1.0 - 0.60	7.90	13.6
			7/15/2015	--		18.10	148.04	**1,700*****	--	**2,900***	**700**	2.6J	33	2.7J	**16**	**46**	< 4.2	< 4.2	< 4.2	0.33	-113
			1/9/2014	--		19.37	146.77	--	--	--	--	--	--	--	--	--	--	--	--	1.17	-78
			9/20/2013	--		19.35	146.79	**2,300*****	--	**4,200★**	**1,800**	11	**300**	8.7	< 1.4	**120**	< 0.57	< 0.95	< 0.80 - 1.3	0.44	-100
			6/25/2013	--		18.47	147.67	--	--	--	--	--	--	--	--	--	--	--	--	1.56	-94
			3/13/2013	--		15.58	150.56	--	--	--	--	--	--	--	--	--	--	--	--	1.41	-82
			11/9/2012	--		17.41	148.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	Sheen [Field]		18.95	147.19	**1,500*****	--	**2,900***	**1,900**	12	270	12J	**42**	**300**	< 0.59	< 0.99	< 1.1 - 1.5	4.27	-101
			3/30/2012	--		9.84	156.30	**1,800*****	--	**4,100★**	**620**	5.0	140	8.6J	**21**	< 9.7	< 0.43	< 0.71	< 6.0 - 0.97	2.66	-104
			9/22/2011	--		17.94	148.20	690**	--	**7,100***	**1,900**	< 8.4	**350**	< 14.4	**39**	< 66	< 8.6	< 12	< 14 - 17	0.76	-106
			3/17/2011	--		10.51	155.63	**2,200** [e,f]	--	**5,500** [d]	**380**	12	1.8	15	**(35)**	--	--	--	--	0.68	Not operating
			9/10/2010	--	(Z^{TPHd})	18.84	147.30	**2,400** [e,f] **(2,200)** [e,f]	--	**11,000** [d]	**1,900**	40	**380**	110	**(81)**	--	--	--	--	0.40	Not operating
			3/14/2010	Sheen [Lab]	(Z^{TPHd})	9.82	156.32	**20,000** [e,f,k,g] **(2,900)** [e,f]	--	**8,800** [d,g]	**840**	18	67	92	**(65)**	--	--	--	--	0.81	Not operating
			9/5/2009	Sheen [Lab]	(Z^{TPHd})	19.41	146.73	**11,000** [e,f,k,g] **(4,800)** [e,f,k]	--	**12,000** [d,g]	**1,500**	30	170	220	**(77)**	--	--	--	--	0.95	Not operating
			6/7/2009	Sheen [Field & Lab]	(Z^{TPHd})	16.64	149.50	**13,000** [m,f] **(2,500)** [e]	--	**15,000** [d]	**710**	37	210	180	**(88)**	--	--	--	--	0.71	Not operating
			3/14/2009	Sheen [Field]	(Z^{TPHd})	10.52	155.62	**3,300** [e,f,k] **(2,700** [e]**)**	--	**11,000** [d]	**1,100**	23	23	250	**(120)**	--	--	--	--	0.67	Not operating
			12/28/2008	Sheen [Field]	(Z^{TPHd})	15.73	150.41	**(2,400** [e]**)**	< 250	**9,800** [d]	**690**	19	250	180	**(120)**	--	--	--	--	0.63	Not operating
			9/6/2008	Sheen [Field & Lab]	(Z^{TPHd})	19.41	146.73	**(2,500** [e,g]**)**	--	**10,000** [d,g]	**430**	17	270	370	< 180	--	--	--	--	0.81	Not operating
			6/14/2008	Sheen [Field]	(Z)	18.66	147.48	**(2,500** [e]**)**	(< 250)	**(10,000** [d]**)**	**(520)**	(18)	(200)	(370)	(< 350)	--	--	--	--	0.97	Not operating
			3/9/2008	Sheen [Field]	(Z)	12.09	154.05	**(3,100** [e]**)**	(< 250)	**(7,900** [d]**)**	**(840)**	(24)	(280)	(380)	(< 380)	--	--	--	--	0.68	Not operating
			12/8/2007	Sheen [Field & Lab]		17.72	148.42	**3,600** [e,f,g]	--	**14,000** [d,g]	**640**	13	220	520	< 300	--	--	--	--	0.80	Not operating
			9/6/2007	Sheen [Field & Lab]		19.28	146.86	**8,400** [e,f,g]	--	**17,000** [a,h]	**1,000**	53	**450**	1,100	< 700	--	--	--	--	0.72	Not operating
			6/15/2007	Sheen [Field & lab]		17.31	148.83	**21,000** [e,k,f,g]	--	**18,000** [d,g]	**700**	22	290	740	< 650	--	--	--	--	0.68	Not operating
			3/16/2007	Sheen [Field & Lab]		12.31	153.83	**49,000** [e,f,k,g]	--	**44,000** [d,g]	**1,800**	71	**670**	**2,200**	< 900	--	--	--	--	0.52	Not operating
			12/6/2006	Sheen [Field & Lab]		18.01	148.13	**31,000** [e,f,k,g]	--	**27,000** [d,g]	**1,100**	51	**420**	1,600	< 900	--	--	--	--	0.48	Not operating
			9/5/2006	Sheen [Lab]		18.96	147.18	**19,000** [e,f,k,g]	--	**15,000** [d,g]	**680**	70	260	1,400	< 1,000	--	--	--	--	0.79	Not operating
			6/30/2006	Sheen [Field & Lab]		16.78	149.36	**55,000** [e,f,k,g]	--	**18,000** [d,g]	**1,100**	71	270	1,400	**1,200**	--	--	--	--	0.84	Not operating
			3/22/2006	Sheen [Lab]		9.15	156.99	**23,000** [e,f,k,g]	--	**21,000** [d,g]	**2,300**	**200**	**550**	**2,800**	**1,200**	--	--	--	--	0.91	Not operating
			12/14/2005	Sheen [Field & Lab]		16.40	149.74	**49,000** [e,f,k,g]	--	**29,000** [d,g]	**1,700**	**260**	**600**	**3,700**	**1,000**	--	--	--	--	0.99	Not operating
			9/21/2005	Sheen [Field]		18.50	147.64	**1,100** [e,f]	--	**4,600** [d]	**370**	62	110	740	**1,100**	--	--	--	--	0.86	Not operating
			6/21/2005	Sheen [Lab]		13.42	152.72	**15,000** [e,f,g]	--	**36,000** [d,g]	**1,700**	**310**	**460**	**3,100**	**1,200**	--	--	--	--	--	Not operating
			3/7/2005	Sheen [Field & Lab]		9.31	156.83	**8,300** [e,f,k,g]	--	**20,000** [d,g]	**1,400**	**330**	**430**	**2,600**	**1,100**	--	--	--	--	0.88	Not operating
			12/27/2004	--		16.81	149.33	**3,800** [e,f]	--	**17,000** [d]	**1,300**	**370**	**540**	**3,800**	**620**	--	--	--	--	0.94	Not operating
			9/27/2004	--	**	27.55	138.59	**1,000** [e,f,k]	--	770 [d]	**20**	7.9	10	140	**1,600**	--	--	--	--	0.79	Operating
			6/16/2004	--		18.15	147.99	**9,800** [e,f]	--	**15,000** [d]	**800**	**210**	290	**1,800**	**2,000**	--	--	--	--	--	Not operating
Well box)		100.00	3/18/2004	--		15.78	84.22	870 [e,f]	--	**4,200** [d]	**730**	89	< 5.0	480	**2,300**	--	--	--	--	--	Operating
(Monument			12/2/2003	Sheen [Lab]		23.17	76.83	**3,300** [e,f,g]	--	**2,400** [d,g]	**91**	20	14	250	**890**	--	--	--	--	--	Operating
			9/3/2003	--		23.57	76.43	**2,300** [e]	--	**2,900** [d]	**240**	57	68	380	**770**	--	--	--	--	--	Operating
			5/30/2003	--		15.23	84.77	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	--	--	--

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds										
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)	Dissolved Oxygen (mg/L)	
Continued			4/25/2003	--		19.05	80.95	310[e]	--	**3,800[d]**	**460**	78	72	410	**310**	--	--	--	--	--	Operating
MW-2			1/13/2003	Sheen [Lab]		13.60	86.40	**14,000[e,f,g,k]**	--	**32,000[d,g]**	**4,500**	**1,600**	**920**	**3,600**	< 1000	--	--	--	--	0.39	Not operating
			11/21/2002	--		18.75	81.25	**350,000[e,g]**	--	**210,000[d,g]**	**14,000**	**23,000**	**4,400**	**28,000**	< 1,700	--	--	--	--	0.43	Operating
			9/26/2002	--		20.39	79.61	660[e]	--	**4,800[d]**	**770**	**200**	140	740	< 50	--	--	--	--	0.29	Operating
			6/10/2002	--		18.59	81.41	**2,000[e]**	--	**14,000[d]**	**2,600**	**710**	150	**2,000**	< 800	--	--	--	--	--	Operating
			3/11/2002	--		16.95	83.05	590[e]	--	**4,700[d]**	**1,200**	**150**	30	310	< 50	--	--	--	--	0.24	Operating
			12/7/2001	--		24.45	75.55	750[e,f]	--	**4,100[d]**	**510**	88	8.2	580	< 20	--	--	--	--	0.47	Operating
			8/30/2001	--		21.00	79.00	**15,000[d,h]**	--	**43,000[a,h]**	**3,100**	**720**	**980**	**5,500**	< 200	--	--	--	--	--	Operating
			6/6/2001	--		17.51	82.49	**48,000**	--	**110,000**	**14,000**	**9,000**	**1,900**	**12,000**	< 950	--	--	--	--	0.24	Not operating
			3/7/2001	--		15.68	84.32	**3,900**	--	**34,000**	**1,200**	**770**	**620**	**4,300**	< 200	--	--	--	--	0.44	Not operating
			12/5/2000	--		17.45	82.55	**87,000[e,f,g]**	--	**60,000[d,g]**	**5,100**	**2,200**	**1,600**	**9,000**	< 200	--	--	--	--	0.31	Not operating
			9/7/2000	--		18.25	81.75	**32,000[e,g]**	--	**62,000[d,g]**	**5,300**	**2,300**	**1,500**	**8,400**	< 100	--	--	--	--	0.39	
			3/23/2000	--		13.56	86.44	**3,100[i]**	--	**25,000[d]**	**1,900**	**1,100**	**660**	**3,700**	< 500	--	--	--	--	--	
			12/10/1999	--		16.53	83.47	**2,500[e,f]**	--	**17,000[d]**	**1,300**	**780**	**420**	**2,700**	< 40	--	--	--	--	0.17	
			9/28/1999	--		18.61	81.39	**3,400[e,f]**	--	**15,000[d]**	**1,200**	**540**	230	**2,300**	< 36	--	--	--	--	1.18	
			6/29/1999	--		19.54	80.46	**3,300[e]**	--	**28,000[d]**	**3,500**	**1,100**	**690**	**3,100**	< 1,000	--	--	--	--	0.41	
			3/29/1999	--		11.81	88.19	**7,500[e,f]**	--	**28,000[d]**	**4,400**	**1,600**	**950**	**4,100**	**410**	--	--	--	--	1.86	
			12/8/1998	--		14.80	85.20	**3,100**	--	**32,000**	**9,200**	**680**	**1,100**	**2,300**	< 2,000	--	--	--	--	--	
			9/30/1998	--		18.71	81.29	**2,400**	--	**22,000**	**3,600**	**1,300**	**720**	**3,200**	< 30	--	--	--	--	1.8	
			7/14/1998	--		16.07	83.93	**5,300[e,f]**	--	**42,000[d]**	**6,000**	**3,000**	**1,000**	**4,800**	< 200	--	--	--	--	1.5	
			3/18/1998	Sheen		10.83	89.17	**7,000[e,f]**	--	**58,000[d]**	**9,300**	**6,100**	**1,800**	**8,200**	< 1,100	--	--	--	--	1.1	
			12/22/1997	--		14.09	85.91	**6,100[e]**	--	**47,000[d]**	**8,500**	**4,600**	**1,800**	**8,400**	< 1,200	--	--	--	--	1.2	
			9/17/1997	Sheen		19.05	80.95	**8,900[e]**	--	**41,000[d]**	**5,200**	**3,400**	**1,300**	**5,900**	< 700	--	--	--	--	1.2	
			6/25/1997	--		18.62	81.38	**7,800[b]**	--	**42,000**	**7,400**	**3,800**	**1,200**	**5,700**	< 200	--	--	--	--	0.9	
			3/20/1997	--		15.39	84.61	**6,100**	--	**27,000**	**3,700**	**2,300**	**580**	**2,800**	< 400	--	--	--	--	8.1	
			11/27/1996	Sheen		16.61	83.39	**10,000**	--	**54,000**	**9,800**	**7,000**	**1,800**	**7,900**	< 2,000	--	--	--	--	3.1	
			8/22/1996	--		19.12	80.88	**5,700**	--	**37,000**	**5,100**	**3,500**	**960**	**4,500**	< 200	--	--	--	--	3.0	
			5/21/1996	--		13.47	86.53	**3,400**	--	**51,000**	**8,200**	**5,200**	**1,300**	**6,600**	**2,400**	--	--	--	--	--	
			2/21/1996	--		10.53	89.47	--	--	**59,000**	**8,000**	**6,000**	**1,800**	**8,900**	**4,500**	--	--	--	--	--	
			11/29/95	--		21.05	78.95	--	--	**46,000**	**7,100**	**5,300**	**1,300**	**6,000**	--	--	--	--	--	--	
			8/22/1995	--		19.80	80.20	--	--	**38,000**	**6,400**	**5,000**	**1,100**	**5,600**	--	--	--	--	--	--	
			5/23/1995	--		14.17	85.83	--	--	**33,000**	**8,200**	**5,600**	**900**	**6,600**	--	--	--	--	--	--	
			2/27/1995	Sheen		14.46	85.54	--	--	**44,000**	**5,100**	**5,300**	**930**	**6,400**	--	--	--	--	--	--	
			11/11/94	--		15.52	84.48	--	--	**54,000**	**5,900**	**6,700**	**1,300**	**7,500**	--	--	--	--	--	--	
			8/18/1994	--		20.37	79.63	--	--	**88,000**	**10,750**	**10,500**	**1,850**	**9,600**	--	--	--	--	--	--	
			7/19/1994	--		19.81	80.19	--	--	--	--	--	--	--	--	--	--	--	--	--	
			5/25/1994	--		15.65	84.35	**6,900**	< 5,000	**61,000**	**9,900**	**7,400**	**960**	**4,600**	--	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)		
MW-3 *2-inch*	10 - 25	162.94																			
			3/29/2017	--		6.82	156.12	**2,030**	--	**15,600***	**4,500**	< 6.0	**320**	**79**	**46**	**230**	< 3.3	< 4.6	< 5.1 - 2.7	7.87	-484.0
			7/15/2015	--		15.44	147.50	**1,900*****	--	**14,000***	**4,400**	11J	230	87J	**58**	**320**	< 21	< 21	< 21	0.83	-100
			1/9/2014	--		16.50	146.44	--	--	--	--	--	--	--	--	--	--	--	--	0.69	-85
			9/20/2013	--		16.61	146.33	**3,000*****	--	**6,200★**	**11,000**	37	**990**	118.1J	< 7.2	**350**	< 2.8	< 4.7	< 4.0 - 6.4	0.39	-79
			6/25/2013	--		15.65	147.29	--	--	--	--	--	--	--	--	--	--	--	--	0.59	-92
			3/13/2013	--		12.89	150.05	--	--	--	--	--	--	--	--	--	--	--	--	2.11	-95
			11/9/2012	--		14.69	148.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		16.22	146.72	**2,700*****	--	**6,100***	**10,000**	36	**860**	104J	**87**	**650**	< 3.0	< 5.0	< 4.2-6.8	0.75	-98
			3/30/2012	--		7.51	155.43	**2,200*****	--	**3,400▲**	**3,800**	14J	**360**	57.3	**63J**	< 68	< 3.0	< 5.0	< 4.2 - 6.8	7.23	-113
			9/22/2011	--		15.34	147.60	**1,500****	--	**14,000***	**8,400**	< 17	**790**	130	**89**	< 130	< 17	< 24	< 28 - 35	1.04	-82
			3/17/2011	--		7.90	155.04	2,400 [e]	--	**17,000** [d]	**5,600**	43	**660**	210	**(83)**	--	--	--	--	0.83	Not operating
			9/10/2010	--	(Z^{TPHd})	16.14	146.80	**2,500** [e,f] **(2,200)** [e,f]	--	**21,000** [d]	**8,100**	59	**800**	300	**(100)**	--	--	--	--	0.91	Not operating
			3/14/2010	Sheen [Lab]	(Z^{TPHd})	8.56	154.38	**19,000** [e,f,g,k] **(4,300)** [e]	--	**21,000** [d,g]	**4,300**	76	**530**	710	**(97)**	--	--	--	--	1.07	Not operating
			9/5/2009	Sheen [Lab]	(Z^{TPHd})	16.67	146.27	**31000** [e,f,k,m,g] **(11,000)** [e,f,k]	--	**32,000** [d,g]	**6,200**	120	**590**	1,000	**(80)**	--	--	--	--	0.98	Not operating
			6/7/2009	Sheen [Field & Lab]	(Z^{TPHd})	13.94	149.00	**6,900** [e,f,m] **(3,700)** [e]	--	**23,000** [d]	**4,400**	81	**710**	670	**(97)**	--	--	--	--	1.02	Not operating
			3/14/2009	Sheen [Field & lab]	(Z^{TPHd})	9.02	153.92	**8,700** [e,f,k,g] **(8,100** [e,g]**)**	--	**41,000** [d,g]	**4,900**	140	**940**	1,600	**(97)**	--	--	--	--	1.14	Not operating
			12/28/2008	Sheen [Field & Lab]	(Z^{TPHd})	12.72	150.22	**(4,100** [e,g]**)**	< 250	**24,000** [d,g]	**4,100**	91	**380**	960	**(91)**	--	--	--	--	0.91	Not operating
			9/6/2008	Sheen [Field & Lab]	(Z^{TPHd})	16.65	146.29	**(7,900** [e,f,g]**)**	--	**42,000** [d,g]	**5,800**	**190**	**1,100**	2,400	< 800	--	--	--	--	1.03	Not operating
			6/14/2008	Sheen [Field]	(Z)	15.92	147.02	**(4,900** [e]**)**	(600)	**(36,000** [d]**)**	**(4,700)**	(140)	**(830)**	(1,600)	(< 500)	--	--	--	--	1.05	Not operating
			3/9/2008	Sheen [Field]	(Z)	10.40	152.54	**(3,400** [e]**)**	(310)	**(23,000** [d]**)**	**(4,200)**	(120)	**(650)**	(1,600)	(< 250)	--	--	--	--	0.71	Not operating
			12/8/2007	Sheen [Field & Lab]		14.49	148.45	**4,000** [e,f,g]	--	**33,000** [d,g]	**4,300**	120	**370**	**2,200**	< 250	--	--	--	--	0.77	Not operating
			9/6/2007	Sheen [Field & Lab]		16.55	146.39	**14,000** [e,f,g]	--	**41,000** [d,g]	**4,400**	**180**	**1,000**	**3,800**	< 700	--	--	--	--	0.70	Not operating
			6/15/2007	Sheen [Field & Lab]		14.57	148.37	**25,000** [e,k,f,g]	--	**56,000** [d,g]	**5,100**	**200**	**1,100**	**3,200**	< 1000	--	--	--	--	0.48	Not operating
			3/16/2007	Sheen [Field & Lab]		10.25	152.69	**5,300** [e,f,k,g]	--	**72,000** [d,g]	**6,500**	**420**	**1,200**	**3,900**	< 1,000	--	--	--	--	0.61	Not operating
			12/6/2006	Sheen [Field & Lab]		15.25	147.69	**19,000** [e,f,k,g]	--	**44,000** [d,g]	**4,500**	110	**930**	**3,600**	< 500	--	--	--	--	0.70	Not operating
			9/5/2006	Sheen [Field & Lab]		16.25	146.69	**16,000**[e,f,k,g]	--	**56,000**[d,g]	**5,400**	**300**	**1,200**	**6,200**	< 500	--	--	--	--	0.55	Not operating
			6/30/2006	Sheen [Field & Lab]		14.10	148.84	**15,000**[e,f,k,g]	--	**44,000**[d,g]	**4,000**	**160**	**550**	**4,000**	< 450	--	--	--	--	0.81	Not operating
			3/22/2006	Sheen [Field & Lab]		8.10	154.84	**15,000**[e,f,k,g]	--	**45,000**[d,g]	**4,300**	**390**	**1,100**	**5,300**	< 1,000					0.88	Not operating
			12/14/2005	Sheen [Field & Lab]		13.65	149.29	**19,000**[e,f,k,g]	--	**53,000**[d,g]	**4,700**	**350**	**1,100**	**7,400**	< 1,000	--	--	--	--	0.95	Not operating
			9/21/2005	Sheen [Field & Lab]		15.73	147.21	**16,000**[e,f,k,g]	--	**41,000**[d,g]	**3,700**	**480**	**930**	**5,700**	< 500	--	--	--	--	0.90	Not operating
			6/21/2005	Sheen [Field & Lab]		10.79	152.15	**12,000**[e,g]	--	**44,000**[d,g]	**4,900**	**870**	**1,100**	**6,500**	< 1,200	--	--	--	--	--	Not operating
			3/7/2005	Sheen [Field & Lab]		6.91	156.03	**14,000**[e,f,g]	--	**50,000**[d,g]	**6,100**	**2,100**	**1,300**	**7,400**	< 500	--	--	--	--	0.62	Not operating
			12/27/2004	Sheen [Lab]		14.58	148.36	**24,000**[e,f,g,k]	--	**32,000**[d,g]	**4,400**	**2,800**	**650**	**4,800**	< 250	--	--	--	--	0.71	Not operating
			9/27/2004	--		23.65	139.29	**1,700**[e,f]	--	**5,200**[d]	**430**	**220**	100	680	**250**	--	--	--	--	0.55	Operating
		96.87	6/16/2004	--		15.40	81.47	**8,800**[e,f]	--	**23,000**[d]	**2,100**	**1,300**	**360**	**2,800**	< 1,000	--	--	--	--	--	Operating
			3/18/2004	--		16.49	80.38	**2,300**[e,f]	--	**15,000**[d]	**2,600**	**990**	260	1,700	< 300	--	--	--	--	--	Operating
			12/2/2003	Sheen [Lab]		17.70	79.17	**8,400**[e,f,g]	--	**30,000**[d,g]	**2,900**	**2,100**	**530**	**3,600**	< 500	--	--	--	--	--	Operating
			9/3/2003	--		21.65	75.22	**3,300**[e]	--	**8,100**[d]	**220**	**170**	66	560	< 50	--	--	--	--	--	Operating
			5/30/2003	--		13.30	83.57	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			4/25/2003	--		18.30	78.57	**1,200**[e]	--	**12,000**[d]	**1,800**	**850**	150	1,200	< 500	--	--	--	--	--	Operating
			1/13/2003	Sheen [Lab]		11.43	85.44	**6,300**[e,f,g,k]	--	**21,000**[d,g]	**2,400**	**2,300**	**390**	**3,000**	< 500	--	--	--	--	0.31	Not operating
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	--	--	--

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FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

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Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds										
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)	Dissolved Oxygen (mg/L)	
Continued			11/21/2002	0.05		17.85	79.02	**120,000**[e,g]	--	**37,000**[d,g]	**4,000**	**660**	**1,200**	**5,100**	< 1,700	--	--	--	--	0.28	Operating
MW-3			9/26/2002	--		18.85	78.02	**130,000**[e,g]	--	**50,000**[d,g]	**3,900**	**5,400**	**820**	**6,600**	< 500	--	--	--	--	0.19	Operating
			6/10/2002	--		22.94	73.93	990[e,k]	--	**9,000**[d]	**1,800**	**1,300**	96	1,000	< 300	--	--	--	--	--	Operating
			3/11/2002	--		14.69	82.18	**2,800**[f,e,k]	--	**30,000**[d]	**5,000**	**2,400**	190	**1,800**	< 1,300	--	--	--	--	0.30	Operating
			12/7/2001	--		24.65	72.22	**3,900**[e,f]	--	**25,000**[d]	**2,500**	**1,700**	64	**2,200**	< 200	--	--	--	--	0.19	Operating
			8/30/2001	--		12.43	84.44	**190,000**[d,h]	--	**95,000**[a,h]	**6,900**	**10,000**	**2,700**	**15,000**	< 250	--	--	--	--	0.24	Operating
			6/6/2001	--		14.88	81.99	**12,000**	--	**43,000**	**3,000**	**1,000**	**770**	**5,200**	< 400	--	--	--	--	1.71	Not operating
			3/7/2001	--		14.27	82.60	**13,000**	--	**60,000**	**7,000**	**4,600**	**900**	**7,100**	< 350	--	--	--	--	0.49	Not operating
			12/5/2000	--		14.80	82.07	**17,000**[e,g]	--	**110,000**[d,g]	**17,000**	**11,000**	**1,900**	**12,000**	< 750	--	--	--	--	0.37	Not operating
			9/7/2000	--		15.61	81.26	**19,000**[e,f,g]	--	**100,000**[d,g]	**17,000**	**12,000**	**1,600**	**11,000**	< 500	--	--	--	--	--	
			3/23/2000	--		8.98	87.89	**11,000**[g,-j]	--	**77,000**[d,g]	**10,000**	**9,400**	**1,600**	**11,000**	< 430	--	--	--	--	--	
			12/10/1999	--		13.31	83.56	**5,300**[e,f]	--	**53,000**[d]	**8,000**	**6,400**	**1,100**	**8,100**	< 200	--	--	--	--	0.48	
			9/28/1999	--		15.99	80.88	**7,800**[e]	--	**60,000**[d]	**9,400**	**9,200**	**1,000**	**9,900**	**200**	--	--	--	--	0.53	
			6/29/1999	--		16.98	79.89	**6,900**[e]	--	**71,000**[d]	**12,000**	**7,300**	**1,400**	**8,400**	< 1,700	--	--	--	--	0.19	
			3/29/1999	--		7.95	88.92	**4,600**[e]	--	**39,000**[d]	**8,900**	**4,400**	**940**	**4,500**	**810**	--	--	--	--	0.56	
			12/8/1998	--		11.20	85.67	**4,200**	--	**51,000**	**8,000**	**6,800**	**1,400**	**7,500**	< 1,100	--	--	--	--	--	
			9/30/1998	--		16.14	80.73	**9,800**	--	**91,000**	**17,000**	**13,000**	**2,100**	**12,000**	< 1300	--	--	--	--	2.0	
			7/14/1998	--		13.51	83.36	**65,000**[e,f,g]	--	**94,000**[d,g]	**18,000**	**14,000**	**1,900**	**11,000**	< 1,400	--	--	--	--	1.8	
			3/18/1998	Sheen		8.41	88.46	**20,000**[e,f]	--	**120,000**[d]	**21,000**	**19,000**	**2,600**	**15,000**	< 1,600	--	--	--	--	1.6	
			12/22/1997	Sheen		10.71	86.16	**14,000**[e]	--	**49,000**[d]	**7,300**	**5,300**	**1,400**	**7,500**	< 1,100	--	--	--	--	3.1	
			9/17/1997	Sheen		16.34	80.53	**15,000**[e]	--	**78,000**[d]	**11,000**	**9,900**	**1,800**	**10,000**	< 1,200	--	--	--	--	0.7	
			6/25/1997	--		15.98	80.89	**7,700**[b]	--	**49,000**	**9,700**	**7,100**	**1,300**	**7,000**	**220**	--	--	--	--	5.8	
			3/20/1997	--		12.86	84.01	**11,000**	--	**56,000**	**9,900**	**6,900**	**1,300**	**8,000**	**3,500**	--	--	--	--	9.0	
			11/27/1996	Sheen		13.47	83.40	**24,000**	--	**82,000**	**14,000**	**13,000**	**2,400**	**13,000**	< 1,000	--	--	--	--	2.4	
			8/22/1996	--		16.50	80.37	**16,000**	--	**94,000**	**17,000**	**15,000**	**2,100**	**12,000**	**330**	--	--	--	--	2.0	
			5/21/1996	Sheen		10.86	86.01	**13,000**	--	**69,000**	**17,000**	**9,400**	**1,700**	**9,400**	**2,600**	--	--	--	--	--	
			2/21/1996	--		7.92	88.95	--	--	**60,000**	**10,000**	**7,800**	**1,500**	**8,800**	**3,400**	--	--	--	--	--	
			11/29/1995	--		16.34	80.53	--	--	**220,000**	**25,000**	**25,000**	**3,500**	**19,000**	--	--	--	--	--	--	
			8/22/1995	--		17.10	79.77	--	--	**74,000**	**14,000**	**13,000**	**1,900**	**11,000**	--	--	--	--	--	--	
			5/23/1995	Sheen		11.60	85.27	--	--	**310,000**	**18,000**	**17,000**	**4,500**	**2,800**	--	--	--	--	--	--	
			2/27/1995	Sheen		11.86	85.01	--	--	**250,000**	**22,000**	**26,000**	**7,800**	**21,000**	--	--	--	--	--	--	
			11/11/94	--		17.80	79.07	--	--	**89,000**	**1,600**	**1,900**	**1,900**	**14,000**	--	--	--	--	--	--	
			8/18/1994	--		17.75	79.12	--	--	**116,000**	**28,300**	**26,000**	**2,400**	**15,000**	--	--	--	--	--	--	
			7/19/1994	--		17.04	79.83	--	--	--	--	--	--	--	--	--	--	--	--	--	
			5/25/1994	Sheen		13.93	82.94	**14,000**	< 50,000	**56,000**	**14,000**	**14,000**	**1,300**	**11,000**	--	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data											Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)	Dissolved Oxygen (mg/L)	
MW-4 *2-inch*	10 - 30	163.49																		
			3/29/2017	--		7.76	155.73	**1,860***	--	**6,310***	**1,500**	**6.7**	**78**	< 4.6	**11**	**110**	< 0.66	< 9.2	< 1.0 - 0.54	8.24	-277.7
			7/15/2015	--		16.23	147.26	**1,800*****	--	**6,900***	**2,300**	4.7	47	5.4J	**18**	**100**	<4.2	<4.2	< 4.2	0.83	-104
			1/9/2014	--		17.39	146.10	--	--	--	--	--	--	--	--	--	--	--	--	1.12	-31
			9/20/2013	--		17.39	146.10	**2,200*****		**4,400★**	**6,200**	24	**420**	62	< 1.4	**160**	< 0.57	< 0.95	< 0.57 - 13	0.32	-89
			6/25/2013	--		16.48	147.01	--	--	--	--	--	--	--	--	--	--	--	--	0.73	-99
			3/13/2013	--		13.85	149.64	--	--	--	--	--	--	--	--	--	--	--	--	1.98	-72
			11/9/2012	--		15.37	148.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		17.01	146.48	**2,100*****		**3,000***	**4,700**	13	200	67	**34**	**220**	< 0.59	< 0.99	< 0.84 - 1.4	0.66	-108
			3/30/2012	--		8.05	155.44	**1,900*****		**6,000★**	**3,300**	5.0J	95	28J	**40**	< 68	< 3.0	< 5.0	< 4.2 - 6.8	6.41	-101
			9/22/2011	--		16.05	147.44	**2,000*****	--	**11,000***	**4,100**	< 17	160	100	< 33	< 130	< 17	< 24	< 28 - 35	0.69	-98
			3/17/2011	--		8.55	154.94	**1,900** [e]	--	**11,000** [d]	**4,800**	17	190	110	**(59)**	--	--	--	--	0.75	Not operating
			9/10/2010	--	(Z[TPHd])	16.89	146.60	**2,200** [e,f] **(2,000)** [e,f]	--	**11,000** [d]	**3,300**	24	160	330	**(46)**	--	--	--	--	0.88	Not operating
			3/14/2010	--	(Z[TPHd])	8.25	155.24	**2,400** [e,f] **(1,800)** [e]	--	**6,800** [d]	**1,500**	21	53	120	**(33)**	--	--	--	--	1.13	Not operating
			9/5/2009	Sheen [Lab]	(Z[TPHd])	17.39	146.10	**1,200** [e,f,m] **(1,600)** [e,f]	--	**3,600** [d]	**830**	17	13	53	**(30)**	--	--	--	--	1.01	Not operating
			6/7/2009	Sheen [Field & Lab]	(Z[TPHd])	14.83	148.66	**4,200** [e,f,m] **(2,000)** [e]	--	**6,900** [d]	**1,200**	23	41	190	**(25)**	--	--	--	--	1.05	Not operating
			3/14/2009	Sheen [Field]	(Z[TPHd])	9.30	154.19	**2,800** [e,f,k] **(3,200** [e]**)**	--	**8,800** [d]	**980**	23	61	220	**(22)**	--	--	--	--	1.27	Not operating
			12/28/2008	Sheen [Field & Lab]	(Z[TPHd])	13.35	150.14	**(1,800** [e,g]**)**	< 250	**7,500** [d,g]	**630**	21	40	210	**(22)**	--	--	--	--	1.20	Not operating
			9/6/2008	Sheen [Field & Lab]	(Z[TPHd])	17.27	146.22	**(2,800** [e,g]**)**	--	**24,000** [d,g]	**1,400**	65	130	**2,300**	< 250	--	--	--	--	1.28	Not operating
			6/14/2008	Sheen [Field]	(Z)	16.68	146.81	**(4,200** [e]**)**	(< 250)	**(15,000** [d]**)**	**(1,100)**	(50)	(86)	(1,300)	(< 150)	--	--	--	--	1.2	Not operating
			3/9/2008	Sheen [Field]	(Z)	10.77	152.72	**(3,000** [e]**)**	(< 250)	**(8,100** [d]**)**	**(830)**	(7.7)	(55)	(310)	(< 50)	--	--	--	--	0.79	Not operating
			12/8/2007	Sheen [Field & Lab]		15.15	148.34	**790** [e,f,g]	--	**7,600** [d,g]	**690**	27	39	570	< 80	--	--	--	--	0.72	Not operating
			9/6/2007	Sheen [Field & Lab]		17.25	146.24	**8,400** [e,f,k,g]	--	**27,000** [d,g]	**1,500**	**150**	120	**4,500**	< 250	--	--	--	--	0.55	Not operating
			6/15/2007	Sheen [Field & Lab]		15.43	148.06	**7,200** [e,g]	--	**14,000** [d,g]	**1,200**	46	63	850	< 110	--	--	--	--	0.61	Not operating
			3/16/2007	Sheen [Field & Lab]		10.71	152.78	**2,700** [e,f,k,g]	--	**13,000** [d,g]	**1,400**	32	93	740	< 100	--	--	--	--	0.65	Not operating
			12/6/2006	Sheen [Field & Lab]		15.95	147.54	**22,000** [e,f,g]	--	**21,000** [d,g]	**920**	56	73	1,500	< 100	--	--	--	--	0.71	Not operating
			9/5/2006	Sheen [Field & Lab]		16.96	146.53	**9,400** [e,f,k,g]	--	**30,000** [d,g]	**1,400**	**180**	110	**4,300**	< 500	--	--	--	--	0.75	Not operating
			6/30/2006	Sheen [Field & Lab]		15.00	148.49	**19,000** [e,f,g]	--	**18,000** [d,g]	**1,400**	50	60	1,300	< 100	--	--	--	--	0.85	Not operating
			3/22/2006	Sheen [Field & Lab]		7.52	155.97	**9,300** [e,f,k,g]	--	**17,000** [d,g]	**2,000**	**230**	150	**1,900**	< 50	--	--	--	--	0.80	Not operating
			12/14/2005	Sheen [Field & Lab]		14.43	149.06	**9,800** [e,f,k,g]	--	**5,200** [d,g]	**710**	41	91	540	< 50	--	--	--	--	0.91	Not operating
			9/21/2005	Sheen [Field & Lab]		16.55	146.94	**15,000** [e,f,k,g]	--	**12,000** [d,g]	**540**	100	54	**1,800**	< 50	--	--	--	--	0.89	Not operating
			6/21/2005	Sheen [Field & Lab]		11.82	151.67	**12,000** [e,g]	--	**30,000** [d,g]	**3,300**	**270**	250	**2,800**	< 500	--	--	--	--	--	Not operating
			3/7/2005	Sheen [Field & Lab]		7.81	155.68	**9,300** [e,f,g]	--	**15,000** [d,g]	**1,100**	140	88	**1,900**	< 100	--	--	--	--	0.65	Not operating
			12/27/2004	Sheen [Lab]		14.79	148.70	**5,300** [e,f,g,k]	--	**10,000** [d,g]	**1,000**	99	34	1,600	< 50	--	--	--	--	0.74	Not operating
			9/27/2004	--		19.93	143.56	980 [e,f,k]	--	**1,300** [d]	**140**	10	11	81	< 50	--	--	--	--	0.68	Not operating
			6/16/2004	--		16.02	147.47	**3,400** [e,f]	--	**9,100** [d]	**940**	96	120	800	< 50	--	--	--	--	--	Not operating
		97.34	3/18/2004	--		14.92	82.42	**1,500** [e]	--	**5,300** [d]	**1,300**	55	37	440	< 180	--	--	--	--	--	Operating
			12/2/2003	--		19.17	78.17	**5,800** [e,f]	--	**13,000** [d]	**1,300**	**180**	120	**1,900**	< 250	--	--	--	--	--	Operating
			9/3/2003	--		21.65	75.69	**27,000** [e,f]	--	**29,000** [d]	**2,200**	**380**	280	**2,300**	-	--	--	--	--	--	Operating
			5/30/2003	--		13.56	83.78	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			4/25/2003	--		19.37	77.97	**2,200** [e,f]	--	**6,600** [d]	**960**	130	100	560	< 170	--	--	--	--	--	Operating
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs): [1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

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FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds										
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)	Dissolved Oxygen (mg/L)	
Continued			1/13/2003	Sheen [Lab]		11.75	85.59	**15,000**[e,f,g,k]	--	**35,000**[d,g]	**5,100**	**1,500**	**510**	**4,500**	< 800	--	--	--	--	0.28	Not operating
MW-4			11/21/2002	--		17.55	79.79	**2,400**[e,k]	--	**5,700**[d]	**1,400**	**290**	63	640	**550**	--	--	--	--	--	Operating
			9/26/2002	--		17.93	79.41	800[e]	--	**21,000**[d]	**3,300**	**1,300**	**450**	**2,900**	< 500	--	--	--	--	0.24	Operating
			6/10/2002	--		22.30	75.04	**3,400**[e]	--	**9,400**[d]	**1,400**	50	< 5.0	690	< 200	--	--	--	--	--	Operating
			3/11/2002	--		14.95	82.39	**1,600**[e,f,k]	--	**15,000**[d]	**3,700**	**500**	92	790	< 500	--	--	--	--	0.30	Operating
			12/7/2001	--		23.45	73.89	**11,000**[e,f,g]	--	**32,000**[d,g]	**4,500**	**740**	**310**	**2,300**	< 200	--	--	--	--	0.21	Operating
			8/30/2001	--		18.00	79.34	**3,200**[d]	--	**43,000**[a]	**6,400**	**630**	**510**	**2,600**	< 200	--	--	--	--	0.32	Operating
			6/6/2001	--		15.49	81.85	**5,400**	--	**75,000**	**22,000**	**1,800**	**1,900**	**6,400**	< 1,200	--	--	--	--	2.22	Not operating
			3/20/2001	--		14.03	83.31	--	--	**46,000**	**13,000**	**1,000**	**900**	**2,800**	< 350	--	--	--	--	0.39	Not operating
			12/5/2000	--		15.55	81.79	**2,600**[e,g]	--	**69,000**[d,g]	**16,000**	**1,300**	**1,300**	**3,400**	< 200	--	--	--	--	0.35	Not operating
			9/7/2000	--		16.40	80.94	**5,900**[e]	--	**43,000**[d]	**10,000**	**1,100**	**1,100**	**3,400**	< 450	--	--	--	--	1.04	
			3/23/2000	--		10.22	87.12	**3,100**[e,f]	--	**40,000**[d]	**11,000**	**1,600**	**910**	**3,100**	**690**	--	--	--	--	--	
			12/10/1999	--		13.99	83.35	**3,100**[e,f]	--	**47,000**[d]	**12,000**	**1,800**	**1,000**	**4,400**	< 100	--	--	--	--	0.62	
			9/28/1999	--		16.58	80.76	**3,200**[e,f]	--	**24,000**[d]	**7,500**	**1,200**	190	**2,200**	**210**	--	--	--	--	14.29[g]	
		*	6/29/1999	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
			3/29/1999	--		9.10	88.24	**2,400**[e,f,h]	--	**48,000**[d]	**15,000**	**3,000**	**1,300**	**5,000**	**1,300**	--	--	--	--	1.32	
			12/8/1998	--		13.45	83.89	**1,600**	--	**27,000**	**8,900**	**1,600**	**730**	**2,300**	< 1,500	--	--	--	--	--	
			9/30/1998	--		16.84	80.50	**2,100**	--	**39,000**	**12,000**	**2,700**	**1,000**	**3,400**	**510**	--	--	--	--	1.1	
			7/14/1998	--		14.15	83.19	**2,900**[e,f]	--	**73,000**[d]	**22,000**	**7,000**	**1,800**	**7,300**	< 200	--	--	--	--	1.0	
			3/18/1998	--		9.54	87.80	**5,500**[e,f]	--	**58,000**[d]	**14,000**	**4,700**	**1,400**	**5,700**	< 1,200	--	--	--	--	0.8	
			12/22/1997	--		9.21	88.13	**3,100**[e]	--	**43,000**[d]	**13,000**	**3,900**	**1,100**	**4,200**	< 960	--	--	--	--	3.7	
			9/17/1997	--		17.10	80.24	**4,400**[e]	--	**60,000**[d]	**17,000**	**4,900**	**1,500**	**5,700**	< 1,500	--	--	--	--	1.5	
			6/25/1997	--		16.15	81.19	**5,800**[b]	--	**61,000**	**16,000**	**6,100**	**1,500**	**5,900**	**780**[c]	--	--	--	--	1.4	
			3/20/1997	--		13.75	83.59	**3,100**	--	**47,000**	**11,000**	**4,500**	**1,100**	**5,200**	3,400	--	--	--	--	8.4	
MW-5 *2-inch*	20 - 30	165.74																			
			3/28/2017	--		6.95	158.79	**974***	--	**11,100***	**2,300**	**34**	**410**	**48**	**100**	< 62	< 1.7	< 2.3	< 2.5 - 1.3	6.81	182.1
			7/15/2015	--		15.95	149.79	450***	--	**8,800***	**2,200**	33	**450**	34.2J	**850**	**6,700**	<11	<11	<11	0.37	-57
			1/9/2014	--		17.12	148.62	**1,100***	--	**13,000****	**1,700**	33	**740**	32 J	**640**	**1,300**	< 1.4	< 2.4	< 2.0 - 3.2	1.21	-42
			9/20/2013	--		17.31	148.43	540***	--	**4,400★**	**2,200**	47	**1,200**	50.1J	**790**	**890**	< 1.4	< 2.4	< 2.0 - 3.2	0.50	-60
			6/25/2013	--		16.21	149.53	760^	--	**5,200★**	**2,700**	41	**860**	50.2 J	**980**	**7,800**	< 1.5	< 2.5	< 8.3	3.82	-26
			3/13/2013	--		13.89	151.85	**1,000*****	--	**18,000★**	**2,200**	54	**1,200**	116.1 J	**410**	< 34	< 1.5	< 2.5	< 8.3	2.09	11
			11/9/2012	--		15.11	150.63	340***	--	**3000***	**1,300**	16	**340**	35.2	**390**	**2,300**	< 0.30	< 0.50	< 0.68	1.7	90
MW-6 ***2-inch***	20 - 30	164.3																			
			3/28/2017	--		6.03	159.71	**332***	--	**170***	**26**	**0.59**	**5.0**	**3.6**	< 0.077	**6.0**	< .079	< .11	< 0.12 - 0.072	4.7	190.3
			7/15/2015	--		12.53	151.77	**310*****	--	**3,300***	**89**	2.1	2.1	2.85	<0.5	**19**	< 0.50	2.2	< 0.50	0.85	-60
			1/9/2014	--		16.18	148.12	190*	--	**3,700**[+]	**67**	< 0.25	3.8	1.1 J	< 0.72	< 6.5	< 0.28	< 0.47	< 0.40 - 0.64	1.24	-75
			9/20/2013	--		16.46	147.84	470***	--	**1,700★**	**130**	0.66J	4.6	< 1.74	< 1.4	< 13	< 0.57	< 0.95	< 0.80 - 1.3	0.61	-68
			6/25/2013	--		14.78	149.52	**520^**	--	**3,400★**	**250**	2.1 J	6	1.9 J	< 1.5	**88**	< 0.59	< 0.99	< 3.34	3.39	-63
			3/13/2013	--		13.05	151.25	710***	--	**1,800★**	**230**	2.5 J	15	1.6 J	< 1.5	< 14	< 0.59	< 0.99	< 1.66	6.39	20
			11/9/2012	--		14.61	149.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/2/2012	--		14.23	150.07	120[#]	--	540★	44	0.74	7.5	2.3	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	6.63	62
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	--	--	--

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)		
RW-5 *4-inch*	5 - 25.7	162.34																			
			3/29/2017	--		--	--	**102***	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	7.7	-58.7
			7/15/2015	--		14.63	147.71	**150*****	--	< 50	**1.2**	< 0.50	< 0.50	< 1.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	0.41	-44
			1/9/2014	--		15.69	146.65	--	--	--	--	--	--	--	--	--	--	--	--	1.07	-52
			9/20/2013	--		15.87	146.47	160***	--	390★	**510**	3.9	11	7.28J	< 0.72	< 6.5	< 0.28	< 0.47	< 0.40 - 0.64	0.68	-49
			6/25/2013	--		14.81	147.53	--	--	--	--	--	--	--	--	--	--	--	--	0.76	-67
			3/13/2013	--		11.93	150.41	--	--	--	--	--	--	--	--	--	--	--	--	1.24	22
			11/9/2012	--		14.46	147.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		15.49	146.85	120^	--	120[v]	**320**	1.3	0.98	1.4	0.80	5.7	< 0.5	< 0.5	< 0.5	0.73	-78
			3/30/2012	--		0.40	161.94	< 100	--	< 50	< 0.50	< 0.50	< 0.50	< 1.50	< 0.50	< 5.0	< 0.5	< 0.5	< 0.5	7.31	-3
			9/22/2011	--		14.44	147.90	120**	--	680*	**480**	< 2.1	< 1.7	16	< 4.1	< 17	< 2.1	< 3.0	< 3.5 - 4.4	0.66	-65
			3/17/2011	--		7.20	155.14	< 50	--	84 [d]	**21**	< 0.5	3.9	1.2	(< 0.5)	--	--	--	--	0.79	Not operating
			9/10/2010	--	(Z[TPHd])	15.40	146.94	270 [e] (200) [e]	--	**1,600 [d]**	**470**	5.1	19	21	(3.6)	--	--	--	--	0.54	Not operating
			3/14/2010	--	(Z[TPHd])	4.40	157.94	480 [e,f,k] (340) [e]	--	970 [d]	**210**	5.2	12.0	13.0	**(41)**	--	--	--	--	1.03	Not operating
			9/5/2009	--	(Z[TPHd])	16.00	146.34	**1,700 [f,k,m] (600) [f,m]**	--	**2,200 [n,p]**	**350**	8.5	4.6	13.0	**(50)**	--	--	--	--	1.05	Not operating
			6/7/2009	Sheen [Field]	(Z[TPHd])	13.19	149.15	720 [m,f] (210) [e]	--	**870 [d]**	**100**	4.4	1.3	2.8	**(110)**	--	--	--	--	1.13	Not operating
			3/14/2009	Sheen [Field]	(Z[TPHd])	6.82	155.52	**2,000 [f,k,m] (750 [e])**	--	**2,000 [d]**	**260**	9.8	9.5	18.0	**(38)**	--	--	--	--	1.15	Not operating
			12/28/2008	Sheen [Field]	(Z[TPHd])	10.55	151.79	(250 [m])	< 250	**1,200 [d,n]**	**110**	5.6	2.5	9.8	**(81)**	--	--	--	--	1.13	Not operating
			9/6/2008	Sheen [Field]	(Z[TPHd])	16.01	146.33	(220 [e])	--	**1,100 [d]**	**120**	2.6	2.2	13	**120**	--	--	--	--	1.42	Not operating
			6/14/2008	Sheen [Field]	(Z)	15.21	147.13	(190 [e])	(< 250)	**(1,200 [d])**	**(310)**	(5.8)	(3.5)	(25)	(< 250)	--	--	--	--	1.73	Not operating
			3/9/2008	Sheen [Field]	(Z)	8.77	153.57	(90 [e])	(< 250)	**(1,100 [d])**	**(220)**	(5.3)	(4.9)	(10)	(< 90)	--	--	--	--	0.92	Not operating
			12/8/2007	Sheen [Field]		13.99	148.35	370 [e,f]	--	**1,900 [d]**	**220**	4.0	10	38	**500**	--	--	--	--	0.74	Not operating
			9/6/2007	Sheen [Field]		15.85	146.49	**1,000 [e,f]**	--	**2,500 [d]**	**600**	12	24	92	**180**	--	--	--	--	0.68	Not operating
			6/15/2007	Sheen [Field & Lab]		13.84	148.50	**2,000 [e,k,f,g]**	--	**3,700 [d,g]**	**730**	14	36	80	< 150	--	--	--	--	0.65	Not operating
			3/16/2007	Sheen [Field & Lab]		8.81	153.53	**2,500 [e,f,k,g]**	--	**2,400 [d,g]**	**180**	3.3	7.3	10	< 17	--	--	--	--	0.62	Not operating
			12/6/2006	Sheen [Field & Lab]		14.53	147.81	**5,500 [e,f,g]**	--	**8,500 [d,g]**	**1,200**	24	91	250	< 900	--	--	--	--	0.79	Not operating
			9/5/2006	Sheen [Field & Lab]		15.55	146.79	**3,200[e,f,k,g]**	--	**5,300[d,g]**	**1,000**	31	61	230	**370**	--	--	--	--	0.81	Not operating
			6/30/2006	Sheen [Field]		13.32	149.02	**3,100[e,f,k]**	--	**3,100[d]**	**590**	15	27	88	**410**	--	--	--	--	0.89	Not operating
			3/22/2006	Sheen [Field]		2.55	159.79	**2,700[e,f,k]**	--	**7,400[d]**	**59**	76	20	120	< 50	--	--	--	--	1.10	Not operating
			12/14/2005	Sheen [Field & Lab]		12.95	149.39	**6,200[e,f,k,g]**	--	**8,900[d,g]**	**1,500**	92	180	750	**2,300**	--	--	--	--	1.03	Not operating
			9/21/2005	Sheen [Field & Lab]		15.07	147.27	**2,500[e,f,k,g]**	--	**2,000[d,g]**	**390**	16	24	170	**1,300**	--	--	--	--	0.99	Not operating
			6/21/2005	Sheen [Field]		10.02	152.32	490[e]	--	**11,000[d]**	**1,200**	67	68	690	< 500	--	--	--	--	--	Not operating
			3/7/2005	Sheen [Field]		4.42	157.92	**6,100[e,f,k]**	--	**7,000[d]**	**720**	63	97	670	< 400	--	--	--	--	0.93	Not operating
			12/27/2004	--		10.45	151.89	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		25.55	136.79	--	--	--	--	--	--	--	--	--	--	--	--	--	Operating
			6/16/2004	--		14.73	147.61	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2003	--		14.48	--	--	--	**12,000**	**2,000**	**380**	190	1,500	**830**	--	--	--	--	--	
			1/13/2003	--		10.20	--	**3,000**	--	**14,000**	**2,100**	**750**	**300**	**1,800**	**950**	--	--	--	--	0.17	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds										
Well Identification # *Casing Diameter*	**Screen Interval (feet)**	**TOC Elevation (feet)**						**Diesel**	**Fuel Oil**	**Gasoline**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylenes**	**MTBE**	**TBA**	**EDB**	**1,2-DCE**	**DIPE, ETBE, TAME (µg/L)**	**Dissolved Oxygen (mg/L)**	
RW-6 *4-inch*	5 - 25.5	162.36																			
			3/29/2017			6.22	156.14	**112**	--	**84.2***	**1.3**	< 0.14	< 0.20	**2.1**	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	8.74	-453
			7/15/2015	--		14.72	147.64	--	--	--	--	--	--	--	--	--	--	--	--	1.42	-43
			1/9/2014	--		15.84	146.52	--	--	--	--	--	--	--	--	--	--	--	--	0.55	-85
			9/20/2013	--		15.96	146.40	--	--	--	--	--	--	--	--	--	--	--	--	0.78	-79
			6/25/2013	--		14.92	147.44	--	--	--	--	--	--	--	--	--	--	--	--	0.57	-87
			3/13/2013	--		12.15	150.21	--	--	--	--	--	--	--	--	--	--	--	--	1.18	61
			11/9/2012	--		14.31	148.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		15.57	146.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		6.50	155.86	--	--	--	--	--	--	--	--	--	--	--	--	3.54	70
			9/22/2011	--		14.52	147.84	--	--	--	--	--	--	--	--	--	--	--	--	0.83	-86
			3/17/2011	--		7.18	155.18	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		15.47	146.89	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2010	--		6.45	155.91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2009	--		16.04	146.32	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/2009	--		13.21	149.15	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2009	--		7.16	155.20	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/2008	--		12.02	150.34	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2008	--		16.08	146.28	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/2008	--		15.28	147.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		8.93	153.43	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		14.21	148.15	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		15.92	146.44	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		13.90	148.46	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		8.89	153.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		14.63	147.73	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		15.63	146.73	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		13.44	148.92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		5.85	156.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		13.02	149.34	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		15.13	147.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		10.13	152.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		6.05	156.31	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/27/2004	--		9.82	152.54	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		18.46	143.90	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		14.80	147.56	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		11.47	--	--	--	**8,500**	**1,300**	**260**	71	990	**1,300**	--	--	--	--	--	
			1/13/2003	--		10.35	--	**2,900**	--	**15,000**	**2,200**	**1,200**	130	**2,200**	**440**	--	--	--	--	0.24	
			3/11/2002	--		--	--	**3,100**	--	**14,000**	**970**	**520**	170	**2,200**	< 130	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	--	--	--

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FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)		
RW-7 *4-inch*	5 - 29.5	162.72																			
			3/29/2017	--		3.29	159.43	< 37	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	9.36	-146.1
			7/15/2015	--		15.35	147.37	--	--	--	--	--	--	--	--	--	--	--	--	0.79	-173
			1/9/2014	--		16.43	146.29	--	--	--	--	--	--	--	--	--	--	--	--	1.02	-112
			9/20/2013	--		16.61	146.11	--	--	--	--	--	--	--	--	--	--	--	--	0.52	-83
			6/25/2013	--		15.54	147.18	--	--	--	--	--	--	--	--	--	--	--	--	0.64	-95
			3/13/2013	--		12.84	149.88	--	--	--	--	--	--	--	--	--	--	--	--	1.72	77
			11/9/2012	--		14.77	147.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		18.23	144.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/22/2011	--		15.15	147.57	--	--	--	--	--	--	--	--	--	--	--	--	1.16	-69
			3/17/2011	--		7.75	154.97	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		16.04	146.68	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2010	--		8.70	154.02	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2009	--		16.55	146.17	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/2009	--		13.91	148.81	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2009	--		7.94	154.78	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/2008	--		12.62	150.10	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2008	--		16.51	146.21	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/2008	--		15.80	146.92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		9.69	153.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		14.46	148.26	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		16.42	146.30	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		14.54	148.18	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		9.69	153.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		15.13	147.59	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		16.12	146.60	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		14.05	148.67	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		5.75	156.97	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		13.58	149.14	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		15.70	147.02	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		10.85	151.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		5.82	156.90	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/27/2004	--		9.85	152.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		18.98	143.74	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		15.22	147.50	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		15.33	--	--	--	250	**66**	4.8	3.2	10	< 15	--	--	--	--	--	
			1/13/2003	--		10.95	--	67	--	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	--	--	--	--	0.22	
			3/11/2002	--		--	--	< 50	--	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)		
RW-8 *4-inch*	5 - 29.5	164.13																			
			3/29/2017	--		8.05	156.08	**121***	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	**0.59**	< 2.9	< .079	< 0.11	< 0.12 - 0.064	9.72	-200
			7/15/2015	--		16.59	147.54	--	--	--	--	--	--	--	--	--	--	--	--	1.18	-33
			1/9/2014	--		17.69	146.44	--	--	--	--	--	--	--	--	--	--	--	--	1.33	-68
			9/20/2013	--		17.95	146.18	--	--	--	--	--	--	--	--	--	--	--	--	0.52	-41
			6/25/2013	--		16.88	147.25	--	--	--	--	--	--	--	--	--	--	--	--	0.91	-59
			3/13/2013	--		14.29	149.84	--	--	--	--	--	--	--	--	--	--	--	--	1.33	10
			11/9/2012	--		15.81	148.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		17.38	146.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		8.49	155.64	--	--	--	--	--	--	--	--	--	--	--	--	0.74	-45
			9/22/2011	--		16.40	147.73	--	--	--	--	--	--	--	--	--	--	--	--	1.22	-58
			3/17/2011	--		8.92	155.21	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		17.25	146.88	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		17.25	146.88	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2010	--		8.43	155.70	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2009	--		17.80	146.33	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/2009	--		15.20	148.93	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2009	--		9.25	154.88	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/2008	--		13.80	150.33	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2008	--		17.70	146.43	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/2008	--		17.07	147.06	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		11.05	153.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		15.60	148.53	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		17.63	146.50	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		15.81	148.32	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		11.04	153.09	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		16.37	147.76	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		17.38	146.75	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		15.31	148.82	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		7.88	156.25	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		14.80	149.33	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		16.90	147.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		12.15	151.98	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		8.10	156.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/27/2004	--		12.32	151.81	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		19.74	144.39	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		16.41	147.72	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		15.34	--	--	--	760	**310**	9.9	11	16	< 25	--	--	--	--	--	
			1/13/2003	--		12.80	--	56	--	390	**150**	11	4.1	4.1	**13**	--	--	--	--	0.31	
			3/11/2002	--		--	--	80	--	**1,300**	**620**	11	15	14	< 60	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data											Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)	Dissolved Oxygen (mg/L)	
RW-9 *4-inch*	5 - 25	163.86																		
			3/29/2017	--		7.80	156.06	**160***	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	**0.58**	**5.6**	< .079	< 0.11	< 0.12 - 0.064	9.40	-90.2
			7/15/2015	--		16.29	147.57	**450*****	--	**550***	**120**	3.2	< 0.50	2.2	9.3	**230**	< 0.50	< 0.50	< 0.50	0.62	-95
			1/9/2014	--		17.38	146.48	--	--	--	--	--	--	--	--	--	--	--	--	0.87	-64
			9/20/2013	--		17.39	146.47	370***	--	**5,900★**	**4,600**	40	8.4J	8.7J	< 7.2	< 65	< 2.8	< 4.7	< 4.0 - 6.4	0.49	-72
			6/25/2013	--		16.49	147.37	--	--	--	--	--	--	--	--	--	--	--	--	0.80	-89
			3/13/2013	--		13.90	149.96	--	--	--	--	--	--	--	--	--	--	--	--	2.12	37
			11/9/2012	--		15.47	148.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		17.05	146.81	230^	--	230[v]	**980**	5.6	2.2	2.5	**7.4**	**110**	< 0.5	< 0.5	< 0.5	0.37	-133
			3/30/2012	--		8.12	155.74	< 100	--	< 50	**5.1**	< 0.50	< 0.50	< 1.50	< 0.50	< 5.0	< 0.5	< 0.5	< 0.5	6.13	20
			9/22/2011	--		16.12	147.74	230**	--	**1,900***	**1,600**	8.4	12	ND	**8.3**	< 17	< 2.1	< 3.0	< 3.5 - 4.4	1.03	-123
			3/17/2011	--		8.60	155.26	< 50	--	300 [d]	**83**	1.6	< 0.5	< 0.5	(1.9)	--	--	--	--	0.88	Not operating
			9/10/2010	--	(Z[TPHd])	16.91	146.95	310 [e,f] (210) [e,f]	--	**5,700 [d]**	**2,800**	16	< 2.5	37	**(20)**	--	--	--	--	0.70	Not operating
			3/14/2010	--	(Z[TPHd])	8.15	155.71	770 [e] (700) [e]	--	**11,000 [d]**	**3,900**	80	120.0	450	**(31)**	--	--	--	--	1.10	Not operating
			9/5/2009	--	(Z[TPHd])	17.40	146.46	**3,000 [f,m] (1,100) [e,f,m]**	--	**8,300 [d]**	**3,100**	32	5.5	69	**(25)**	--	--	--	--	1.02	Not operating
			6/7/2009	Sheen [Field & Lab]	(Z[TPHd])	14.90	148.96	**4,800 [m,f] (910) [e]**	--	**12,000 [d]**	**3,500**	87	150	330	**(30)**	--	--	--	--	1.19	Not operating
			3/14/2009	Sheen [Field]	(Z[TPHd])	8.97	154.89	450 [e] (440 [e])	--	**14,000 [d]**	**3,600**	71	190	380	**(31)**	--	--	--	--	1.21	Not operating
			12/28/2008	Sheen [Field]	(Z[TPHd])	13.41	150.45	(950 [e])	< 250	**7,300 [d]**	**3,500**	24	150	200	**(30)**	--	--	--	--	1.28	Not operating
			9/6/2008	Sheen [Lab]	(Z[TPHd])	17.31	146.55	**(1,600 [e,g])**	--	**13,000 [d,g]**	**3,600**	52	170	220	< 350	--	--	--	--	1.22	Not operating
			6/14/2008	--	(Z)	16.71	147.15	(610)	(< 250)	**(8,100 [d])**	**(2,800)**	(33)	(100)	(220)	(< 210)	--	--	--	--	1.29	Not operating
			3/9/2008	--	(Z)	10.86	153.00	(570 [e])	(< 250)	**(10,000 [d])**	**(4,200)**	(71)	(180)	(380)	(< 35)	--	--	--	--	0.86	Not operating
			12/8/2007	Sheen [Field]		15.22	148.64	**1,000 [e,f]**	--	**9,300 [d]**	**2,900**	24	150	170	< 250	--	--	--	--	0.89	Not operating
			9/6/2007	Sheen [Field & Lab]		17.29	146.57	**2,200 [e,f,g]**	--	**13,000 [d,g]**	**2,700**	61	240	350	< 400	--	--	--	--	0.66	Not operating
			6/15/2007	--		15.48	148.38	670 [e]	--	**12,000 [d]**	**3,000**	44	170	220	< 250	--	--	--	--	0.68	Not operating
			3/16/2007	Sheen [Lab]		10.83	153.03	**1,200 [e]**	--	**16,000 [d,g]**	**3,700**	76	230	340	< 350	--	--	--	--	0.71	Not operating
			12/6/2006	Sheen [Lab]		16.04	147.82	660 [e,g]	--	**13,000 [d,g]**	**3,000**	29	180	260	< 250	--	--	--	--	0.74	Not operating
			9/5/2006	--		17.02	146.84	**1,100[e]**	--	**14,000[d]**	**3,900**	39	200	230	< 330	--	--	--	--	0.69	Not operating
			6/30/2006	--		15.04	148.82	**1,400[e]**	--	**14,000[d]**	**3,100**	53	130	260	< 300	--	--	--	--	0.73	Not operating
			3/22/2006	--		7.63	156.23	680[e]	--	**7,600[d]**	**2,900**	59	190	310	< 200	--	--	--	--	0.95	Not operating
			12/14/2005	--		14.52	149.34	**1,100[e,f]**	--	**6,300[d]**	**1,900**	29	150	260	< 50	--	--	--	--	0.98	Not operating
			9/21/2005	Sheen [Lab]		16.62	147.24	820[e,f,g]	--	**8,300[d,g]**	**2,500**	36	190	310	< 170	--	--	--	--	1.04	Not operating
			6/21/2005	--		11.90	151.96	630[e]	--	**9,400[d]**	**2,400**	69	210	470	< 350	--	--	--	--	--	Not operating
			3/7/2005	--		7.87	155.99	510[e]	--	**9,000[d]**	**2,600**	69	200	550	< 500	--	--	--	--	0.91	Not operating
			12/27/2004	--		24.88	138.98	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		19.83	144.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		16.03	147.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		13.69	--	--	--	**2,300**	**770**	32	15	200	< 50	--	--	--	--	--	
			1/13/2003	--		11.85	--	**2,000**	--	**23,000**	**7,700**	**610**	**310**	310	< 500	--	--	--	--	0.39	
			3/11/2002	--		--	--	**880**	--	**12,000**	**3,400**	**230**	78	1,300	< 240	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	**Screen Interval (feet)**	**TOC Elevation (feet)**						**Diesel**	**Fuel Oil**	**Gasoline**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylenes**	**MTBE**	**TBA**	**EDB**	**1,2-DCE**	**DIPE, ETBE, TAME (µg/L)**		
RW-10 *4-inch*	5 - 25	163.02																			
			3/29/2017	--		6.60	156.42	**107***	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	7.86	14.0
			7/15/2015	--		15.22	147.80	--	--	--	--	--	--	--	--	--	--	--	--	1.29	-123
			1/9/2014	--		16.33	146.69	--	--	--	--	--	--	--	--	--	--	--	--	1.01	-115
			9/20/2013	--		16.53	146.49	--	--	--	--	--	--	--	--	--	--	--	--	0.71	-102
			6/25/2013	--		15.41	147.61	--	--	--	--	--	--	--	--	--	--	--	--	0.75	-126
			3/13/2013	--		12.81	150.21	--	--	--	--	--	--	--	--	--	--	--	--	0.91	-12
			11/9/2012	--		14.52	148.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		16.01	147.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		7.02	156.00	--	--	--	--	--	--	--	--	--	--	--	--	0.79	-43
			9/22/2011	--		15.11	147.91	--	--	**1,900***	**1,600**	8.4	12	< 3.6	< 4.1	--	--	--	< 3.5 - 4.4	0.77	-104
			3/17/2011	--		7.64	155.38	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		15.87	147.15	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2010	--		6.32	156.70	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2009	--		16.36	146.66	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/2009	--		13.96	149.06	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2009	--		8.02	155.00	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/2008	--		12.42	150.60	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2008	--		16.23	146.79	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/2008	--		15.64	147.38	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		9.96	153.06	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		14.23	148.79	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		16.23	146.79	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		14.52	148.50	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		9.91	153.11	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		15.02	148.00	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		15.98	147.04	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		14.13	148.89	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		6.53	156.49	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		13.37	149.65	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		15.51	147.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		10.95	152.07	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		6.40	156.62	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/27/2004	--		19.39	143.63	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		18.35	144.67	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		15.03	147.99	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		13.13	--	--	--	**5,800**	**2,400**	11	< 10	110	< 300	--	--	--	--	--	
			1/13/2003	--		10.75	--	330	--	**4,300**	**1,500**	43	98	98	< 100	--	--	--	--	0.41	
			3/11/2002	--		--	--	740	--	**12,000**	**3,900**	**150**	110	1,100	< 270	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	**Screen Interval (feet)**	**TOC Elevation (feet)**						**Diesel**	**Fuel Oil**	**Gasoline**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylenes**	**MTBE**	**TBA**	**EDB**	**1,2-DCE**	**DIPE, ETBE, TAME (µg/L)**		
RW-11 *4-inch*	5 - 25	162.67																			
			3/29/2017	--		6.45	156.22	< 37	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	8.72	-188.7
			7/15/2015	--		14.68	147.99	--	--	--	--	--	--	--	--	--	--	--	--	1.39	-126
			1/9/2014	--		15.85	146.82	--	--	--	--	--	--	--	--	--	--	--	--	0.85	-72
			9/20/2013	--		15.89	146.78	--	--	--	--	--	--	--	--	--	--	--	--	0.90	-77
			6/25/2013	--		14.98	147.69	--	--	--	--	--	--	--	--	--	--	--	--	0.68	-85
			3/13/2013	--		12.31	150.36	--	--	--	--	--	--	--	--	--	--	--	--	2.13	-31
			11/9/2012	--		13.91	148.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		15.61	147.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		6.51	156.16	--	--	--	--	--	--	--	--	--	--	--	--	1.32	-106
			9/22/2011	--		14.50	148.17	--	--	--	--	--	--	--	--	--	--	--	--	0.94	-96
			3/17/2011	--		7.10	155.57	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		15.42	147.25	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2010	--		6.50	156.17	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2009	--		16.02	146.65	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/2009	--		13.21	149.46	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2009	--		7.14	155.53	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/2008	--		12.01	150.66	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2008	--		15.99	146.68	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/2008	--		15.26	147.41	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		8.81	153.86	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		13.83	148.84	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		15.84	146.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		13.90	148.77	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		8.85	153.82	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		14.55	148.12	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		15.56	147.11	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		13.36	149.31	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		5.70	156.97	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		12.96	149.71	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		15.09	147.58	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		9.96	152.71	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		5.95	156.72	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/27/2004	--		10.07	152.60	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		18.44	144.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		14.75	147.92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		12.45	--	--	--	**9,300**	**980**	120	180	770	**2,000**	--	--	--	--	--	
			1/13/2003	--		9.80	--	**2,700**	--	**5,300**	**490**	110	120	120	**180**	--	--	--	--	0.24	
			3/11/2002	--		--	--	< 50	--	260	**34**	5.3	8.1	48	< 5.0	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	**Screen Interval (feet)**	**TOC Elevation (feet)**						**Diesel**	**Fuel Oil**	**Gasoline**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylenes**	**MTBE**	**TBA**	**EDB**	**1,2-DCE**	**DIPE, ETBE, TAME (µg/L)**		
RW-12 *4-inch*	5 - 27	163.06	3/29/2017	--		5.89	157.17	**104***	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	7.76	105.2
			7/15/2015	--		15.27	147.79	--	--	--	--	--	--	--	--	--	--	--	--	1.15	-87
			1/9/2014	--		16.35	146.71	--	--	--	--	--	--	--	--	--	--	--	--	1.37	-81
			9/20/2013	--		16.36	146.70	--	--	--	--	--	--	--	--	--	--	--	--	0.85	-90
			6/25/2013	--		15.46	147.60	--	--	--	--	--	--	--	--	--	--	--	--	1.17	-48
			3/13/2013	--		12.83	150.23	--	--	--	--	--	--	--	--	--	--	--	--	1.96	38
			11/9/2012	--		14.98	148.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		15.94	147.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		7.06	156.00	--	--	--	--	--	--	--	--	--	--	--	--	1.09	-8
			9/22/2011	--		15.01	148.05	--	--	--	--	--	--	--	--	--	--	--	--	0.75	-77
			3/17/2011	--		7.68	155.38	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		15.93	147.13	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2010	--		6.29	156.77	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2009	--		16.59	146.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/2009	--		13.70	149.36	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2009	--		7.77	155.29	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/2008	--		12.80	150.26	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2008	--		16.58	146.48	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/2008	--		15.74	147.32	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		9.43	153.63	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		14.87	148.19	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		16.42	146.64	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		14.44	148.62	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		9.52	153.54	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		9.52	153.54	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		15.11	147.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		16.11	146.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		13.95	149.11	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		6.35	156.71	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		13.43	149.63	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		15.63	147.43	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		10.58	152.48	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		6.59	156.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/27/2004	--		10.85	152.21	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		19.09	143.97	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		15.30	147.76	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		13.63	--	--	--	**17,000**	**2,700**	**960**	230	1,500	**1,400**	--	--	--	--	--	
			1/13/2003	--		10.90	--	**1,800**	--	**4,100**	**1,000**	130	99	99	< 100	--	--	--	--	0.21	
			3/11/2002	--		--	--	900	--	**13,000**	**4,500**	130	130	270	< 5.0	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	**Screen Interval (feet)**	**TOC Elevation (feet)**						**Diesel**	**Fuel Oil**	**Gasoline**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylenes**	**MTBE**	**TBA**	**EDB**	**1,2-DCE**	**DIPE, ETBE, TAME (µg/L)**		
RW-13 *4-inch*	5 - 25	164.34																			
			3/28/2017	--		6.76	157.58	< 37	--	< 29	< 0.16	< 0.14	< 0.20	< 0.54	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	8.05	172.7
			7/15/2015	--		15.71	148.63	< 100	--	79[*]	**1.2**	< 0.5	< 0.5	< 1.5	< 0.50	**38**	< 0.50	< 0.50	< 0.50	0.35	-107
			1/9/2014	--		17.01	147.33	110*	--	440**	**43**	< 0.50	2.5	< 1.5	**5.2**	**200**	< 0.5	< 0.5	< 1.5	0.74	-67
		(Split)	1/9/2014	--		17.01	147.33	< 100	--	150**	**12**	< 0.50	< 0.50	< 1.5	**5.2**	**60**	< 0.5	< 0.5	< 1.5	0.27	-61
			9/20/2013	--		17.01	147.33	< 100	--	390★	**84**	1.1	2.1	1.1	< 0.5	**10**	< 0.5	< 0.5	< 1.5	0.18	-55
			6/25/2013	--		16.01	148.33	< 100	--	210[*]	**86**	1.7	5.3	3.1	5.9	**110**	< 0.5	< 0.5	< 1.5	0.12	-86
			3/26/2013	--		13.92	150.42	< 100	--	< 50	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 5	< 0.5	< 0.5	< 1.5	1.95	70
			3/13/2013	--		13.22	151.12	--	--	--	--	--	--	--	--	--	--	--	--	1.13	97
			11/9/2012	--		15.11	149.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		16.39	147.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		7.45	156.89	--	--	--	--	--	--	--	--	--	--	--	--	3.65	43
			9/22/2011	--		15.55	148.79	--	--	--	--	--	--	--	--	--	--	--	--	0.78	-78
			3/17/2011	--		8.19	156.15	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/2010	--		16.45	147.89	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2010	--		7.49	156.85	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2009	--		17.10	147.24	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/2009	--		14.31	150.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/2009	--		8.16	156.18	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/2008	--		13.26	151.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2008	--		17.10	147.24	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/2008	--		16.32	148.02	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		9.85	154.49	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		14.97	149.37	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		16.95	147.39	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		14.98	149.36	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		9.93	154.41	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		15.70	148.64	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		16.62	147.72	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		14.44	149.90	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		6.65	157.69	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		14.11	150.23	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		16.20	148.14	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		11.05	153.29	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		6.90	157.44	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/27/2004	--		18.12	146.22	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/27/2004	--		19.55	144.79	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		15.83	148.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		13.45	--	--	--	150	**47**	1.0	2.1	1.5	< 5.0	--	--	--	--	--	
			1/13/2003	--		11.20	--	92	--	210	**54**	2.0	2.7	2.7	< 5.0	--	--	--	--	0.35	
			3/11/2002	--		--	--	79	--	830	**190**	13	13	34	< 5.0	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds									Dissolved Oxygen (mg/L)	
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)		
RW-14 *4-inch*	5 - 25	163.76																			
			3/28/2017	--		6.53	157.23	< 37	--	< 29	**7.7**	< 0.14	**2.9**	< 0.54	< .077	< 2.9	< .079	< 0.11	< 0.12 - 0.064	7.84	171.6
			7/15/2015	--		15.39	148.37	**140*****	--	**78***	**1.2**	< 0.5	< 0.5	< 1.5	< 0.5	**31**	< 0.50	< 0.50	< 0.50	0.61	-122
			1/9/2014	--		16.53	147.23	360*	--	**1,200****	**470**	6.1	3.4	1.2	< 0.50	**98**	< 0.50	< 0.50	DIPE = 0.71	0.63	-102
		(Split)	1/9/2014	--		16.53	147.23	**1,200***	--	720**	**130**	< 0.50	1.2	2.2	< 0.50	**85**	< 0.50	< 0.50	DIPE = 0.83	0.24	-87
			9/20/2013	--		16.64	147.12	150***	--	170★	**83**	1.6	2.4	1.1	**5.5**	**34**	< 0.50	< 0.50	< 1.5	0.15	-88
			6/25/2013	--		15.64	148.12	280^	--	**560**★	**65**	0.93	2	< 1.5	< 0.50	**34**	< 0.50	< 0.50	< 1.5	0.24	-92
			3/26/2013	--		13.49	150.27	< 100	--	< 50	**1.5**	< 0.5	< 0.5	< 1.5	< 0.5	< 5	< 0.50	< 0.5	< 1.5	1.34	23
			3/13/2013	--		12.90	150.86	--	--	--	--	--	--	--	--	--	--	--	--	1.32	62
			11/9/2012	--		14.72	149.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/28/2012	--		16.12	147.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3/30/2012	--		7.11	156.65	--	--	--	--	--	--	--	--	--	--	--	--	1.43	10
			9/22/2011	--		15.22	148.54	--	--	--	--	--	--	--	--	--	--	--	--	0.80	-108
			3/17/2011	--		7.82	155.94	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/10/10	--		16.10	147.66	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/10	--		7.10	156.66	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/09	--		16.71	147.05	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/7/09	--		13.97	149.79	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/14/09	--		7.88	155.88	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/28/08	--		12.82	150.94	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/08	--		16.68	147.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/14/08	--		15.90	147.86	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/9/2008	--		9.60	154.16	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/8/2007	--		14.57	149.19	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/6/2007	--		16.54	147.22	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/15/2007	--		14.61	149.15	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/16/2007	--		9.66	154.10	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/6/2006	--		15.31	148.45	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/5/2006	--		16.21	147.55	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/30/2006	--		14.10	149.66	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/22/2006	--		6.43	157.33	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			12/14/2005	--		13.73	150.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			9/21/2005	--		15.82	147.94	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/21/2005	--		10.80	152.96	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/7/2005	--		6.61	157.15	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	**--**	**--**	**--**

Table 2: Current & Historic Groundwater Elevation and Analytical Data - Monitoring Wells

FORMER EXXON SERVICE STATION

3055 35th AVENUE, OAKLAND, CALIFORNIA

All groundwater results are micrograms per liter (ug/L, parts per billion, ppb)

Monitoring Point Information			Date	SPH (feet)	Note	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	Petroleum Hydrocarbon Concentration Data												Field Measurements	Oxidation Reduction Potential (mV)
								Total Petroleum Hydrocarbons			Volatile Organic Compounds										
Well Identification # *Casing Diameter*	Screen Interval (feet)	TOC Elevation (feet)						Diesel	Fuel Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	EDB	1,2-DCE	DIPE, ETBE, TAME (µg/L)	Dissolved Oxygen (mg/L)	
Continued			12/27/2004	--		12.62	151.14	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
RW-14			9/27/2004	--		19.20	144.56	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			6/16/2004	--		15.41	148.35	--	--	--	--	--	--	--	--	--	--	--	--	--	Not operating
			3/18/2004	--		12.81	--	--	--	220	**42**	1.4	0.99	5.2	< 5.0	--	--	--	--	--	
			1/13/2003	--		11.00	--	**6800**	--	**3700**	**230**	77	91	91	< 50	--	--	--	--	0.38	
			3/11/2002	--		--	--	82	--	270	**44**	0.99	< 0.5	4.2	< 5.0	--	--	--	--	--	
Laboratory Detection Limit:								**10**	**20**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**5**	**5**	**0.5**	**0.5**	**0.5**	**Field Instrument**	
Water Quality Objectives (WQOs):[1]								**1,000**			**1**	**150**	**300**	**1,750**	**5**	**12**	**0.05**	**0.5**	--	--	--

Notes

Tabulated data prior to September 22, 2011 was provided by Conestoga-Rovers & Associates (CRA) TOC = Top of Casing

Notes for Previously Collected Data

All site wells were re-surveyed by Virgil Chavez Land Surveying on June 2, 2004 to the CA State Coordinate System, Zone III (NAD83). Benchmark elevation = 177.397 feet (NGVD 29)

SPH = Separate-phase hydrocarbons depth measured from TOC

(Z) = Laboratory used Zemo Gravity Separation Protocol for Extractables & Purgeables

(Z^{TPHd}) = Laboratory used Zemo Gravity Separation Protocol for Extractables (TPHd)

( ) = Zero Gravity Separation Protocol Use Prior to Analysis

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C

TPHd = Total petroleum hydrocarbons as diesel by modified EPA Method SW8015C; with Dawn Zemo Separation in (parentheses)

TPHmo = Total petroleum hydrocarbons as motor oil by modified EPA Method SW8015C

Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method SW8021B

MTBE = Methyl tertiary butyl ether by EPA Method SW8021B, or by SW8260B (designated by parentheses)

Sheen = A sheen was observed on the water's surface.

Field = Observed in field

Lab = Observed in analytical laboratory

Notes:

a = Result has an atypical pattern for diesel analysis

b = Result appears to be a lighter hydrocarbon than diesel

-- = Flooded w/ storm water

Notes:

c = There is a >40% difference between primary and confirmation analysis

d = Unmodified or weakly modified gasoline is significant

e = Gasoline range compounds are significant

f = Diesel range compounds are significant; no recognizable pattern

g = Lighter than water immiscible sheen/product is present

h = One to a few isolated peaks present

i = Medium boiling point pattern does not match diesel (stoddard solvent)

j = Aged diesel is significant

k = Oil range compounds are significant

l = Liquid sample that contains greater than ~1 vol. % sediment

m = Stoddard solvent/mineral spirit

n = Strongly aged gasoline or diesel range compounds are significant in the TPHg chromatogram.

o = MTBE by EPA Method SW8260B

p = No recognizable pattern

* = Well inaccessible during site visit

** = No water in well due to system operating in well, value reflects total well depth.

= abnormally high reading due to added hydrogen peroxide

-- = Not sampled; not analyzed ; not applicable; or no SPH measured or observed

Weber, Hayes and Associates Notes:

Newly installed wells MW-5 and MW-6 were professionally surveyed and tied into the existing well network by Mid-Coast Engineers on November 2, 2012.

1 = Water Quality Objectives: Based on Maximum Contaminant Levels (Department of Health Services) or taste & odor threshold limits.

2 = "Split" sample was collected by traditional purging and sampling technique (i.e., submersible pump purging at 1 gpm; sample upon sufficient well recovery) rather than low-flow sampling technique in order to compare/contrast analytical results as a function of sample technique.

TAME (Tert-amyl-methyl ether), TBA (tert-Butyl alcohol), EDB (1,2-Dibromoethane) , 1,2-DCE (1,2-Dichloroethene), DIPE, (Diisopropyl ether), ETBE (Ethyl Tert-Butyl Ether).

Bold Font = Detected concentration exceeds Water Quality Objectives

*** =** Laboratory report indicates that although TPH-gas results are present, sample chromatogram does not resemble pattern of reference Gasoline standard (possibly aged gasoline)

**** =** Laboratory reports that result not typical of Diesel #2 standard pattern (possibly aged diesel or other fuel within the diesel quantification range such as diesel #4 or fuel oil).

***** =** Laboratory report indicates that the sample chromatographic pattern does not resemble typical diesel standard pattern; unknown fuel pattern lighter than diesel possibly a type of naptha or weathered gasoline.

^ = Sample chromatographic pattern does not resemble typical diesel standard pattern; unknown organics within diesel range quantified as diesel.

∇ = Not typical of Gasoline standard pattern. Result due to discrete peak (Benzene).

J = Laboratory indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative.

★ = Laboratory report indicates although TPH Gasoline compounds are present, the sample pattern does not match pattern of reference Gasoline standard. Hydrocarbons within range of C5-C12 quantified as Gasoline.

▲ = Laboratory reports result does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as Gasoline.

 # = Diesel result due to discrete unknown peaks within quantified range

+ = Does not match pattern of reference Gasoline standard. Reported value is the result of extractable hydrocarbons overlap.

✠ = Wells RW-5 and RW-7 exhibited anomalously high water levels on March 30, 2012; analytical results from well RW-5 are likely not representative.

Table 3: Current and Historical Grab Groundwater Analytical Results

Former Exxon Station, 3055 35th Avenue, Oakland, CA

All groundwater sample results are in micrograms per liter (ug/L, parts per billion, ppb)

Groundwater Sampling Information				*Laboratory Analytical Results*									
Consultant & Investigation Date	*Sample ID #*	** Depth to Groundwater (feet, TOC)*	*Temporary Screen Interval (feet, bgs)*	*Total Petroleum Hydrocarbons*		*Volatile Organic Compounds (VOC's by EPA 8260)*							*Notes*
				Diesel	*Gasoline*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Xylenes*	*MTBE*	*Naphthalene*	*TBA*	
Weber, Hayes & Associates Additional Site Assessment (April 19 and 20, 2017)	*DP-10*	**25.5**	**25-30'**	958*	**2,360****	**330**	2.9	43	113	**20**	12	**270**	--
	DP-11	**27'**	**25-30'**	276*	85.3**	**5.6**	<0.14	< 0.20	<0.39	3.8	<1.2	<2.9	--
	DP-12	**27'**	**25-30'**	106*	322**	**22**	1.0	4.6	1.6	2.0	<1.2	<2.9	--
	DP-13	**27.5'**	**25-30'**	255*	**1,710****	**190**	8.4	39.0	112	**6.0**	14	10	--
	DP-14	**27.5'**	**25-30'**	349*	**2,610**	**240**	20	35.0	174	**13**	<13	**<31**	--
	DP-15	**27.5**	**25-30'**	<37	304**	3.1	<0.14	< 0.20	<0.39	**370**	<1.2	<2.9	--
	DP-16	**27'**	**24-30**	353*	**1,120****	**55**	3.7	16	73	**320**	8.5	**24**	--
Weber, Hayes & Associates (May 9, 2012)	*DP-1*	**18.2'**	**19 - 29'**	< 100	< 50	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	--	< 5.0	--
	DP-2	**17.5'**	**19 - 29'**	310	**3,800**[A]	**72**	24	130	145.9	< 0.50	--	< 5.0	--
	DP-3	**12.3'**	**22 - 32'**	ND	**1,400**[T]	**92**	1.7	63	21	**97**	**--**	**55**	--
Laboratory Reporting Limit (RLs):				*100*	*50*	*0.5*	*0.5*	*0.5*	*1.5*	*0.5*	*2.0*	*10.0*	--
Water Quality Objectives (WQOs):				***1,000***		***1***	***150***	***300***	***1,750***	***5***	***17***	***12***	--

Table 3: Current and Historical Grab Groundwater Analytical Results

Former Exxon Station, 3055 35th Avenue, Oakland, CA

All groundwater sample results are in micrograms per liter (ug/L, parts per billion, ppb)

Groundwater Sampling Information				*Laboratory Analytical Results*									
Consultant & Investigation Date	*Sample ID #*	** Depth to Groundwater (feet, TOC)*	*Temporary Screen Interval (feet, bgs)*	*Total Petroleum Hydrocarbons*		*Volatile Organic Compounds (VOC's by EPA 8260)*							*Notes*
				Diesel	*Gasoline*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Xylenes*	*MTBE*	*Naphthalene*	*TBA*	
Conestoga-Rovers & Associates (CRA) On- and Off-site Borings (October 31, 2008)	***B-18A***	**30'**	**@ 30'**	380	350	**23**	2.6	5.9	54	**7.0**	**--**	2.3	d1, e4
	B-21	**NM**	@ 30'	< 50	60	< 0.5	< 0.5	< 0.5	< 0.5	170	--	< 20	e2
	B-22	**NM**	@ 30'	< 50	68	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	< 2.0	e2
	B-23	**NM**	**@ 30'**	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	< 2.0	--
	B-24	**NM**	@ 30'	< 50	73	< 0.5	< 0.5	< 0.5	< 0.5	1.2	--	< 2.0	e2
	B-25	**NM**	@ 30'	< 50	330	< 0.5	< 0.5	< 0.5	< 0.5	**12**	**--**	2.2	b1, e7, e2, e6
	B-26	**NM**	**@ 30'**	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	0.54	--	< 2.0	b1
	B-27	**NM**	@ 30'	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	**150**	**--**	< 10	--
	B-28	**NM**	@ 30'	< 50	53	< 0.5	< 0.5	< 0.5	< 0.5	**29**	**--**	2.8	b1, e2
Laboratory Reporting Limit (RLs):				*100*	*50*	*0.5*	*0.5*	*0.5*	*1.5*	*0.5*	*2.0*	*10.0*	--
Water Quality Objectives (WQOs):				***1,000***		***1***	***150***	***300***	***1,750***	***5***	***17***	***12***	--

Table 3: Current and Historical Grab Groundwater Analytical Results

Former Exxon Station, 3055 35th Avenue, Oakland, CA

All groundwater sample results are in micrograms per liter (ug/L, parts per billion, ppb)

Groundwater Sampling Information				Laboratory Analytical Results									
Consultant & Investigation Date	Sample ID #	* Depth to Groundwater (feet, TOC)	Temporary Screen Interval (feet, bgs)	Total Petroleum Hydrocarbons		Volatile Organic Compounds (VOC's by EPA 8260)							Notes
				Diesel	Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	Naphthalene	TBA	
CRA Off-site Boring (July 2007)	B-13	14.61	--	**8,000**	**7,100**	**110**	390	250	990	**1,500**	--	< 500	a, b, d, g
	B-14	14.05	--	**1,100**	270	**150**	55	34	170	**3,500**	--	< 500	a, d, f
	B-16	12.50	--	**69,000**	**6,000**	**7,700**	**1,500**	**1,600**	**8,200**	**430**	--	< 250	a, d
	B-17	11.73	--	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	**12**	--	< 5	--
Laboratory Reporting Limit (RLs):				*100*	*50*	*0.5*	*0.5*	*0.5*	*1.5*	*0.5*	*2.0*	*10.0*	--
Water Quality Objectives (WQOs):				***1,000***		***1***	***150***	***300***	***1,750***	***5***	***17***	***12***	--

NOTES:

Tabulated data prior to September 22, 2011 was provided by Conestoga-Rovers & Associates (CRA).

Notes from Previous Consultant

a = unmodified or weakly modified gasoline is significant

b = diesel range compounds are significant; no recognizable pattern

d = gasoline range compounds are significant

f = one to a few isolated peaks present

g = oil range compounds are significant

b1 = aqueous sample that contains greater than ~ 1vol. % sediment

d1 = weakly modified or unmodified gasoline is significant

e2 = diesel range compounds are significant; no recognizable pattern

e4 = gasoline range compounds are significant

e6 = one to a few isolated peaks present in the TPH(d/mo) chromatogram

e7 = oil range compounds are significant

NM = Not Measured

WQO = **W**ater **Q**uality **Objective**: established by the CRWQCB Central Coast Region based on Maximum Contaminant Limits (Department of Health Services) or taste & odor threshold limits. **BOLD results indicate detected concentrations are above WQG's Threshold limits.**

ND = Not detected at or above the lab's reporting limit.

bgs = below ground surface.

*** =** Depth to groundwater encountered just prior to sample collection; not necessarily stabilized groundwater.

MTBE = Methyl-tert-Butyl-Ether

TBA = tert-Butanol

*** =** Sample chromatographic pattern does not resemble typical diesel standard pattern; unknown organics within diesel range quantified as diesel.

**** =** Laboratory report indicates although TPH Gasoline compounds are present, the sample pattern does not match pattern of reference Gasoline standard. Hydrocarbons within range of C5-C12 quantified as Gasoline.

Table 4: Summary of Soil Sample Analytical Results

Former Exxon Station, 3055 35th Avenue, Oakland, CA

All soil sample analytical results are in milligrams per kilogram (mg/kg, parts per million, ppm)

Soil Sampling Information			Laboratory Analytical Results									
			Total Petroleum Hydrocarbons			Volatile Organic Compounds (VOC's by EPA 8260)						
Sample Location	Sample Date	Sample Depth (feet, bgs)	Diesel	Gasoline	TPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Naphthalene
DP-10 (On-Site)	4/19/2017	2'	32	0.029	32	0.0027	0.0049	< 0.0015	0.0036	< 0.00050	< 0.017	< 0.0014
		4'	< 1.2	< 0.020	< 1.2	0.0023	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		7'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		8'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		10'	--	130	--	< 0.065	< 0.060	1.7	3	< 0.025	< 0.85	2.3
		15'	--	40	--	0.046	< 0.0012	0.22	0.3	< 0.00050	< 0.017	0.21
		20'	--	26	--	0.072	< 0.060	0.53	1.4	< 0.025	< 0.85	0.67
		25'	--	0.084	--	0.093	< 0.0012	0.0022	< 0.0034	0.0028	0.091	< 0.0014
DP-11 (On-Site)	4/19/2017	2'	6.9	< 0.020	6.9	< 0.0013	< 0.0012	< 0.0015	< 0.0034	0.0005	< 0.017	< 0.0014
		4'	3.3	< 0.020	3.3	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		7'	--	< 0.020	--	0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		8'	--	0.03	--	0.0014	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		10'	--	26	--	< 0.065	< 0.060	0.093	< 0.17	< 0.025	< 0.85	0.3
		15'	--	73	--	0.14	< 0.060	0.41	< 0.17	< 0.025	< 0.85	1.2
		20'	--	2.1	--	0.36	0.0079	0.097	0.15	0.0062	< 0.017	0.04
		25'	--	0.12	--	0.23	< 0.0012	0.0089	0.0035	0.016	< 0.017	0.0084
DP-12 (On-Site)	4/19/2017	2'	10	< 0.020	10	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		4'	5.7	< 0.020	5.7	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		7'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		8'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		10'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		15'	--	130	--	0.07	< 0.060	1.6	2.3	< 0.025	1.6	1.6
		20'	--	5.9	--	0.14	0.0065	0.17	0.1	< 0.00050	0.062	0.053
		25'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	0.00056	< 0.017	< 0.0014
DP-13 (On-Site)	4/19/2017	2'	4.2	< 0.020	4.2	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		4'	8.5	< 0.020	8.5	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		7'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		8'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		10'	--	0.77	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	0.03	0.0067
		15'	--	1400	--	0.33	0.068	15	170	< 0.025	< 0.85	16
		20'	--	0.75	--	0.41	0.026	0.11	0.29	< 0.00050	0.086	0.042
		25'	--	0.33	--	0.026	< 0.0012	0.0046	0.0073	< 0.00050	< 0.017	0.0057
DP-14 (On-Site)	4/19/2017	2'	19	< 0.020	19	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		4'	11	< 0.020	11	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		7'	--	< 0.020	--	0.0014	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		8'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		10'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		15'	--	410	--	< 0.065	< 0.060	4.4	9.4	< 0.025	3	7.9
		20'	--	0.42	--	0.16	< 0.0012	0.036	0.026	0.0018	< 0.017	0.012
		25'	--	0.33	--	0.11	0.0034	0.014	0.025	0.0061	0.082	0.012
Soil Screening Levels CA Low-Threat Closure Policy (0-5 ft bgs) [1] (Residential/Commercial-Industrial/Utility Worker)			--	--	*100*	*1.9* /*8.2*/ *14*	--	21/89/314	--	--	--	*9.7* /*45*/ *219*
Soil Screening Levels CA Low-Threat Closure Policy (5-10 ft bgs) [1] (Residential/Commercial-Industrial/Utility Worker)			--	--	--	*2.8* /*12*/ *14*	--	32/134/314	--	--	--	*9.7* /*45*/ *219*
Residential / Commercial Environmental Screening Levels (ESLs)[2]:			***230***	***100***	--	***0.044***	***2.9***	***1.4***	***2.3***	***0.023***	***0.075***	***0.033***

Table 4: Summary of Soil Sample Analytical Results
Former Exxon Station, 3055 35th Avenue, Oakland, CA
All soil sample analytical results are in milligrams per kilogram (mg/kg, parts per million, ppm)

Soil Sampling Information			Laboratory Analytical Results									
			Total Petroleum Hydrocarbons			Volatile Organic Compounds (VOC's by EPA 8260)						
Sample Location	Sample Date	Sample Depth (feet, bgs)	Diesel	Gasoline	TPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Naphthalene
DP-15 (Off-Site)	4/19/2017	2'	5	< 0.020	5	< 0.0013	< 0.0012	< 0.0015	< 0.0034	0.001	< 0.017	< 0.0014
		4'	4	< 0.020	4	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		7'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		8'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		10'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		15'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		20'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		25'	--	0.025	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	0.012	< 0.017	< 0.0014
DP-16 (Off-Site)	4/19/2017	2'	< 1.2	< 0.020	< 1.2	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		4'	< 1.2	< 0.020	< 1.2	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		7'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		8'	--	< 0.020	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		10'	--	0.18	--	< 0.0013	< 0.0012	< 0.0015	< 0.0034	< 0.00050	< 0.017	< 0.0014
		12'	--	0.61	--	0.035	< 0.0012	0.16	0.029	< 0.00050	< 0.017	0.0075
		14'	--	110	--	0.4	0.028	0.39	4.3	< 0.00050	< 0.017	0.26
		16'	--	14	--	0.13	0.031	0.16	0.75	< 0.00050	< 0.017	0.14
		18'	--	0.52	--	0.23	0.033	0.18	0.84	< 0.00050	< 0.017	0.16
		20'	--	1	--	0.35	0.04	0.1	0.4	< 0.00050	0.041	0.046
		25'	--	0.11	--	0.047	0.0025	0.0086	0.033	0.006	< 0.017	0.01
DP-1 (Off-site)	5/9/2012	8'	--	<0.10	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	< 0.010
		14'	< 2.0	8.4*	< 2.0	< 0.0075	< 0.0049	< 0.0043	< 0.0126	< 0.013	< 0.10	< 0.050
		17'	--	<100	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	< 0.010
		A17B'	--	0.80**	--	<0.010	<0.010	0.064	<0.015	<0.010	<0.050	< 0.010
DP-3 (Off-site)	5/9/2012	8'	--	<0.10	--	<0.010	<0.010	<0.010	<0.15	<0.010	<0.050	< 0.010
		11'	--	0.33**	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	<0.010
		14'	--	10**	--	< 0.0075	< 0.0049	0.30	< 0.0126	< 0.013	< 0.10	0.024[J]
		20'	--	6.4	--	0.060	< 0.0049	0.22	0.17	< 0.013	< 0.10	0.094
		23'	--	0.93C	--	0.17	< 0.0025	0.046	< 0.038	0.0080[J]	< 0.052	< 0.025
DP-4 (On-site)	5/9/2012	12'	--	<0.10	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	< 0.010
		18'	12[E]	96*	--	0.22	< 0.0049	0.91	1.446	< 0.13	< 0.10	1.6
		24'	--	0.83C	--	0.30	< 0.0098	0.025J	< 0.0256	< 0.026	< 0.21	< 0.100
DP- 5 (On-site)	5/8/2012	8'	--	<0.10	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	< 0.010
		11'	--	**130***	--	< 0.15	< 0.098	1.8	3.1	< 0.26	< 2.1	1.2
		17'	--	**1,000***	--	**6.2**	2.1[J]	**37**	197	< 1.0	< 8.3	**16**
		23'	--	1.5C	--	0.55	0.015[J]	0.14	0.5	< 0.013	< 0.10	0.17
DP-6 (On-site)	5/9/2012	12'	--	13*	--	0.010[J]	0.020[J]	0.67	1.33	< 0.013	< 0.10	0.55
		21'	--	**4,600***	--	**36**	37	81	450	< 5.2	< 42	**25**
		23'	--	1.3C	--	0.47	0.064	0.096	0.246	< 0.013	< 0.10	0.12
Soil Screening Levels CA Low-Threat Closure Policy (0-5 ft bgs) [1] (Residential/Commercial-Industrial/Utility Worker)			--	--	*100*	***1.9*/8.2/*14***	--	**21/89/314**	--	--	--	***9.7*/45/*219***
Soil Screening Levels CA Low-Threat Closure Policy (5-10 ft bgs) [1] (Residential/Commercial-Industrial/Utility Worker)			--	--	--	***2.8*/12/*14***	--	**32/134/314**	--	--	--	***9.7*/45/*219***
Residential / Commercial Environmental Screening Levels (ESLs)[2]:			***230***	***100***	--	***0.044***	***2.9***	***1.4***	***2.3***	***0.023***	***0.075***	***0.033***

Table 4: Summary of Soil Sample Analytical Results
Former Exxon Station, 3055 35th Avenue, Oakland, CA

All soil sample analytical results are in milligrams per kilogram (mg/kg, parts per million, ppm)

Soil Sampling Information			Laboratory Analytical Results									
			Total Petroleum Hydrocarbons			Volatile Organic Compounds (VOC's by EPA 8260)						
Sample Location	Sample Date	Sample Depth (feet, bgs)	Diesel	Gasoline	TPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Naphthalene
DP-7 (On-site)	5/9/2012	4'	--	< 0.10	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	<0.010
		8'	--	0.23**	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	<0.010
		11'	5.8^{E}	2.8**	8.6	0.11	<0.010	<0.010	<0.015	<0.010	<0.050	<0.010
		17'	--	15*	--	0.024^{J}	0.043^{J}	0.89	1.568	< 0.013	< 0.10	1.1
		23'	--	1.2C	--	0.069	< 0.0020	0.042	0.0039J	< 0.0052	< 0.042	0.032
DP-8 (On-site)	5/8/2012	8'	--	< 0.10	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	<0.010
		17'	--	**970***	--	2.6	0.63^{J}	21	63	< 0.26	< 2.1	11
		20'	--	69*	--	0.81^{J}	< 0.098	1.4	5.5	< 0.26	< 2.1	1.4
		23'	--	<0.10	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	<0.010
DP-9 (On-site)	5/9/2012	4'	--	<0.10	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.050	<0.010
		18'	4.8^{E}	5.8*	--	0.22	0.013^{J}	0.42	0.111^{J}	< 0.0065	< 0.052	0.22
		20'	--	1.7C	--	0.16	< 0.0020	0.065	0.0437^{J}	< 0.0052	< 0.042	0.069
Soil Screening Levels CA Low-Threat Closure Policy (0-5 ft bgs) [1] (Residential/Commercial-Industrial/Utility Worker)			--	--	*100*	***1.9*** **/8.2/** ***14***	--	**21/89/314**	--	--	--	***9.7*** **/45/** ***219***
Soil Screening Levels CA Low-Threat Closure Policy (5-10 ft bgs) [1] (Residential/Commercial-Industrial/Utility Worker)			--	--	--	***2.8*** **/12/** ***14***	--	**32/134/314**	--	--	--	***9.7*** **/45/** ***219***
Residential / Commercial Environmental Screening Levels (ESLs)[2]:			***230***	***100***	--	***0.044***	***2.9***	***1.4***	***2.3***	***0.023***	***0.075***	***0.033***

Notes:

1 = *Low-Threat UST Case Closure Policy* , California State Water Resources Control Board, August 17, 2012 - from Table 1 - Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health

2 = *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final, November 2007, Revised December 2013*), San Francisco Bay Regional Water Quality Control Board

TPH = Total TPH (TPH-g + TPH-d) for evaluation of bio-attenuation zone in the top five feet per Low-Threat UST Case Closure Policy

Bold Font = Concentration exceeds LTCP Screening Level: Commercial On-Site or Residential Off-Site

< # = Not detected at or above the laboratory's Practical Quantitation Limit, #

-- = Sample not analyzed for this compound(s), data not available, or no screening level for this chemical/compound

*** =** Laboratory reports sample does not match pattern of reference Gasoline standard. Reported TPH value includes contribution from heavy end hydrocarbons (possibly aged gasoline)

**** =** Laboratory reports sample does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline

C = Laboratory reports result does not match pattern of reference gasoline standard. Reported value is the result of discrete peak and contribution from non-fuel hydrocarbon to range of C5-C12 quantified as Gasoline

J = Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather than quantitative

A = DP-1 17B ft is a duplicate sample

E = Laboratory reports result not typical of TPH as Diesel standard pattern (lighter than diesel). Hydrocarbons with TPH as Diesel range are quantified as Diesel

DP-1 @14', DP-4 @ 18', DP-7 @ 11', and DP-9 @ 20' prepared with Silica Gel Cleanup before analysis by TPH-d (extractable)

APPENDIX A

Laboratory Analytical Reports - Groundwater Samples

Weber, Hayes & Associates
120 Westgate Dr
Watsonville, CA 95076
Tel: 831-722-3580
Fax: 831-662-3100

RE: Former Exxon Station / 2X103.Q

Work Order No.: 1703246

Dear Jered Chaney:

Torrent Laboratory, Inc. received 16 sample(s) on March 29, 2017 for the analyses presented in the following Report.

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

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

Kathie Evans
Project Manager

April 05, 2017
Date

Date: 4/5/2017

Client: Weber, Hayes & Associates

Project: Former Exxon Station / 2X103.Q

Work Order: 1703246

CASE NARRATIVE

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

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

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

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

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date Received: 03/29/17
Date Reported: 04/05/17

MW-1 1703246-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	8.4	250	420	2940	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	1.24	mg/L
MTBE	SW8260B	8.4	0.65	4.2	29	ug/L
tert-Butanol	SW8260B	8.4	25	42	210	ug/L
Benzene	SW8260B	8.4	1.3	4.2	1100	ug/L

MW-2 1703246-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	8.4	250	420	4130	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	1.18	mg/L
MTBE	SW8260B	8.4	0.65	4.2	11	ug/L
Benzene	SW8260B	8.4	1.3	4.2	440	ug/L
Ethyl Benzene	SW8260B	8.4	1.6	4.2	13	ug/L

MW-3 1703246-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	42	1200	2100	15600	ug/L
TPH as Diesel	SW8015B	2	0.00	0.20	2.03	mg/L
MTBE	SW8260B	42	3.2	21	46	ug/L
tert-Butanol	SW8260B	42	120	210	230	ug/L
Benzene	SW8260B	42	6.6	21	4500	ug/L
Ethyl Benzene	SW8260B	42	8.2	21	320	ug/L
m,p-Xylene	SW8260B	42	17	42	79	ug/L

MW-4 1703246-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	8.4	250	420	6310	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	1.86	mg/L
Benzene	SW8260B	42	6.6	21	1500	ug/L
MTBE	SW8260B	8.4	0.65	4.2	11	ug/L
tert-Butanol	SW8260B	8.4	25	42	110	ug/L
Toluene	SW8260B	8.4	1.2	4.2	6.7	ug/L
Ethyl Benzene	SW8260B	8.4	1.6	4.2	78	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date Received: 03/29/17
Date Reported: 04/05/17

MW-5 1703246-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	21	610	1100	11100	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.974	mg/L
MTBE	SW8260B	21	1.6	11	100	ug/L
Benzene	SW8260B	21	3.3	11	2300	ug/L
Toluene	SW8260B	21	3.0	11	34	ug/L
Ethyl Benzene	SW8260B	21	4.1	11	410	ug/L
m,p-Xylene	SW8260B	21	8.3	21	48	ug/L

MW-6 1703246-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	29	50	170	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.332	mg/L
tert-Butanol	SW8260B	1	2.9	5.0	6.0	ug/L
Benzene	SW8260B	1	0.16	0.50	26	ug/L
Toluene	SW8260B	1	0.14	0.50	0.59	ug/L
Ethyl Benzene	SW8260B	1	0.20	0.50	5.0	ug/L
m,p-Xylene	SW8260B	1	0.39	1.0	1.1	ug/L
o-Xylene	SW8260B	1	0.15	0.50	2.5	ug/L

RW-5 1703246-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B	1	0.037	0.10	0.102	mg/L

RW-6 1703246-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	29	50	84.2	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.112	mg/L
Benzene	SW8260B	1	0.16	0.50	1.3	ug/L
o-Xylene	SW8260B	1	0.15	0.50	2.1	ug/L

RW-7 1703246-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

RW-8 1703246-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B	1	0.037	0.10	0.121	mg/L
MTBE	SW8260B	1	0.077	0.50	0.59	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date Received: 03/29/17
Date Reported: 04/05/17

RW-9 1703246-011

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B	1	0.037	0.10	0.160	mg/L
MTBE	SW8260B	1	0.077	0.50	0.58	ug/L
tert-Butanol	SW8260B	1	2.9	5.0	5.6	ug/L

RW-10 1703246-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B	1	0.037	0.10	0.107	mg/L

RW-11 1703246-013

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

RW-12 1703246-014

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel	SW8015B	1	0.037	0.10	0.104	mg/L

RW-13 1703246-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

RW-14 1703246-016

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	1	0.16	0.50	7.7	ug/L
Ethyl Benzene	SW8260B	1	0.20	0.50	2.9	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-1	**Lab Sample ID:**	1703246-001A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5991 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	8.4	250	420	**2940**	x	ug/L	03/30/17	14:18	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**79.6**		%	03/30/17	14:18	BP	423412

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5979 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	8.4	0.65	4.2	**29**		ug/L	03/30/17	14:18	BP	423412
tert-Butanol	SW8260B	8.4	25	42	**210**		ug/L	03/30/17	14:18	BP	423412
Diisopropyl ether (DIPE)	SW8260B	8.4	1.0	4.2	ND		ug/L	03/30/17	14:18	BP	423412
ETBE	SW8260B	8.4	0.54	4.2	ND		ug/L	03/30/17	14:18	BP	423412
Benzene	SW8260B	8.4	1.3	4.2	**1100**		ug/L	03/30/17	14:18	BP	423412
TAME	SW8260B	8.4	0.60	4.2	ND		ug/L	03/30/17	14:18	BP	423412
Toluene	SW8260B	8.4	1.2	4.2	ND		ug/L	03/30/17	14:18	BP	423412
Ethyl Benzene	SW8260B	8.4	1.6	4.2	ND		ug/L	03/30/17	14:18	BP	423412
m,p-Xylene	SW8260B	8.4	3.3	8.4	ND		ug/L	03/30/17	14:18	BP	423412
o-Xylene	SW8260B	8.4	1.3	4.2	ND		ug/L	03/30/17	14:18	BP	423412
1,2-Dichloroethane	SW8260B	8.4	0.92	4.2	ND		ug/L	03/30/17	14:18	BP	423412
1,2-Dibromoethane	SW8260B	8.4	0.66	4.2	ND		ug/L	03/30/17	14:18	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	03/30/17	14:18	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**96**		%	03/30/17	14:18	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**91**		%	03/30/17	14:18	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-1	**Lab Sample ID:**	1703246-001B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**1.24**	x	mg/L	04/04/17	19:51	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**116**		%	04/04/17	19:51	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-2	**Lab Sample ID:**	1703246-002A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5991 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	8.4	250	420	**4130**	x	ug/L	03/30/17	15:22	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**99.9**		%	03/30/17	15:22	BP	423412

NOTE: x – Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5979 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	8.4	0.65	4.2	**11**		ug/L	03/30/17	15:22	BP	423412
tert-Butanol	SW8260B	8.4	25	42	ND		ug/L	03/30/17	15:22	BP	423412
Diisopropyl ether (DIPE)	SW8260B	8.4	1.0	4.2	ND		ug/L	03/30/17	15:22	BP	423412
ETBE	SW8260B	8.4	0.54	4.2	ND		ug/L	03/30/17	15:22	BP	423412
Benzene	SW8260B	8.4	1.3	4.2	**440**		ug/L	03/30/17	15:22	BP	423412
TAME	SW8260B	8.4	0.60	4.2	ND		ug/L	03/30/17	15:22	BP	423412
Toluene	SW8260B	8.4	1.2	4.2	ND		ug/L	03/30/17	15:22	BP	423412
Ethyl Benzene	SW8260B	8.4	1.6	4.2	**13**		ug/L	03/30/17	15:22	BP	423412
m,p-Xylene	SW8260B	8.4	3.3	8.4	ND		ug/L	03/30/17	15:22	BP	423412
o-Xylene	SW8260B	8.4	1.3	4.2	ND		ug/L	03/30/17	15:22	BP	423412
1,2-Dichloroethane	SW8260B	8.4	0.92	4.2	ND		ug/L	03/30/17	15:22	BP	423412
1,2-Dibromoethane	SW8260B	8.4	0.66	4.2	ND		ug/L	03/30/17	15:22	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**98**		%	03/30/17	15:22	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**98**		%	03/30/17	15:22	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**93**		%	03/30/17	15:22	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-2	**Lab Sample ID:**	1703246-002B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**1.18**	x	mg/L	04/04/17	20:13	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**114**		%	04/04/17	20:13	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-3	**Lab Sample ID:**	1703246-003A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5991 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	42	1200	2100	**15600**	x	ug/L	03/30/17	16:17	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**105**		%	03/30/17	16:17	BP	423412

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5979 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	42	3.2	21	**46**		ug/L	03/30/17	16:17	BP	423412
tert-Butanol	SW8260B	42	120	210	**230**		ug/L	03/30/17	16:17	BP	423412
Diisopropyl ether (DIPE)	SW8260B	42	5.1	21	ND		ug/L	03/30/17	16:17	BP	423412
ETBE	SW8260B	42	2.7	21	ND		ug/L	03/30/17	16:17	BP	423412
Benzene	SW8260B	42	6.6	21	**4500**		ug/L	03/30/17	16:17	BP	423412
TAME	SW8260B	42	3.0	21	ND		ug/L	03/30/17	16:17	BP	423412
Toluene	SW8260B	42	6.0	21	ND		ug/L	03/30/17	16:17	BP	423412
Ethyl Benzene	SW8260B	42	8.2	21	**320**		ug/L	03/30/17	16:17	BP	423412
m,p-Xylene	SW8260B	42	17	42	**79**		ug/L	03/30/17	16:17	BP	423412
o-Xylene	SW8260B	42	6.5	21	ND		ug/L	03/30/17	16:17	BP	423412
1,2-Dichloroethane	SW8260B	42	4.6	21	ND		ug/L	03/30/17	16:17	BP	423412
1,2-Dibromoethane	SW8260B	42	3.3	21	ND		ug/L	03/30/17	16:17	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	03/30/17	16:17	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**97**		%	03/30/17	16:17	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**92**		%	03/30/17	16:17	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-3	**Lab Sample ID:**	1703246-003B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	2	0.00	0.20	**2.03**	x	mg/L	04/04/17	13:09	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**77.5**		%	04/04/17	13:09	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-4	**Lab Sample ID:**	1703246-004A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5991 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	8.4	250	420	**6310**	x	ug/L	03/30/17	17:13	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**78.3**		%	03/30/17	17:13	BP	423412

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5979 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	8.4	0.65	4.2	**11**		ug/L	03/30/17	17:13	BP	423412
tert-Butanol	SW8260B	8.4	25	42	**110**		ug/L	03/30/17	17:13	BP	423412
Diisopropyl ether (DIPE)	SW8260B	8.4	1.0	4.2	ND		ug/L	03/30/17	17:13	BP	423412
ETBE	SW8260B	8.4	0.54	4.2	ND		ug/L	03/30/17	17:13	BP	423412
TAME	SW8260B	8.4	0.60	4.2	ND		ug/L	03/30/17	17:13	BP	423412
Toluene	SW8260B	8.4	1.2	4.2	**6.7**		ug/L	03/30/17	17:13	BP	423412
Ethyl Benzene	SW8260B	8.4	1.6	4.2	**78**		ug/L	03/30/17	17:13	BP	423412
m,p-Xylene	SW8260B	8.4	3.3	8.4	ND		ug/L	03/30/17	17:13	BP	423412
o-Xylene	SW8260B	8.4	1.3	4.2	ND		ug/L	03/30/17	17:13	BP	423412
1,2-Dichloroethane	SW8260B	8.4	0.92	4.2	ND		ug/L	03/30/17	17:13	BP	423412
1,2-Dibromoethane	SW8260B	8.4	0.66	4.2	ND		ug/L	03/30/17	17:13	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**99**		%	03/30/17	17:13	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**95**		%	03/30/17	17:13	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**88**		%	03/30/17	17:13	BP	423412

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5979 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Benzene	SW8260B	42	6.6	21	**1500**		ug/L	03/30/17	17:41	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	03/30/17	17:41	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**95**		%	03/30/17	17:41	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**85**		%	03/30/17	17:41	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-4	**Lab Sample ID:**	1703246-004B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17 11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**1.86**	x	mg/L	04/04/17	20:58	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**114**		%	04/04/17	20:58	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-5	**Lab Sample ID:**	1703246-005A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5991 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	21	610	1100	**11100**	x	ug/L	03/30/17	18:11	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**115**		%	03/30/17	18:11	BP	423412

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5979 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	21	1.6	11	**100**		ug/L	03/30/17	18:11	BP	423412
tert-Butanol	SW8260B	21	62	110	ND		ug/L	03/30/17	18:11	BP	423412
Diisopropyl ether (DIPE)	SW8260B	21	2.5	11	ND		ug/L	03/30/17	18:11	BP	423412
ETBE	SW8260B	21	1.3	11	ND		ug/L	03/30/17	18:11	BP	423412
Benzene	SW8260B	21	3.3	11	**2300**		ug/L	03/30/17	18:11	BP	423412
TAME	SW8260B	21	1.5	11	ND		ug/L	03/30/17	18:11	BP	423412
Toluene	SW8260B	21	3.0	11	**34**		ug/L	03/30/17	18:11	BP	423412
Ethyl Benzene	SW8260B	21	4.1	11	**410**		ug/L	03/30/17	18:11	BP	423412
m,p-Xylene	SW8260B	21	8.3	21	**48**		ug/L	03/30/17	18:11	BP	423412
o-Xylene	SW8260B	21	3.2	11	ND		ug/L	03/30/17	18:11	BP	423412
1,2-Dichloroethane	SW8260B	21	2.3	11	ND		ug/L	03/30/17	18:11	BP	423412
1,2-Dibromoethane	SW8260B	21	1.7	11	ND		ug/L	03/30/17	18:11	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	03/30/17	18:11	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	03/30/17	18:11	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**90**		%	03/30/17	18:11	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-5	**Lab Sample ID:**	1703246-005B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.974**	x	mg/L	04/04/17	21:20	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**122**		%	04/04/17	21:20	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-6	**Lab Sample ID:**	1703246-006A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/4/17 9:59:00AM
Prep Batch ID: 5996 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	**170**	x	ug/L	04/04/17	16:02	BP	423420
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**91.1**		%	04/04/17	16:02	BP	423420

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/4/17 9:57:00AM
Prep Batch ID: 5995 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/04/17	16:02	BP	423420
tert-Butanol	SW8260B	1	2.9	5.0	**6.0**		ug/L	04/04/17	16:02	BP	423420
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/04/17	16:02	BP	423420
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/04/17	16:02	BP	423420
Benzene	SW8260B	1	0.16	0.50	**26**		ug/L	04/04/17	16:02	BP	423420
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/04/17	16:02	BP	423420
Toluene	SW8260B	1	0.14	0.50	**0.59**		ug/L	04/04/17	16:02	BP	423420
Ethyl Benzene	SW8260B	1	0.20	0.50	**5.0**		ug/L	04/04/17	16:02	BP	423420
m,p-Xylene	SW8260B	1	0.39	1.0	**1.1**		ug/L	04/04/17	16:02	BP	423420
o-Xylene	SW8260B	1	0.15	0.50	**2.5**		ug/L	04/04/17	16:02	BP	423420
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/04/17	16:02	BP	423420
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/04/17	16:02	BP	423420
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**88**		%	04/04/17	16:02	BP	423420
(S) Toluene-d8	SW8260B		75.1 - 127		**84**		%	04/04/17	16:02	BP	423420
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**78**		%	04/04/17	16:02	BP	423420

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	MW-6	**Lab Sample ID:**	1703246-006B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.332**	x	mg/L	04/04/17	21:43	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**123**		%	04/04/17	21:43	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-5	**Lab Sample ID:**	1703246-007A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO
Prep Batch ID: 5991
Prep Batch Date/Time: 3/30/17 9:59:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	03/30/17	19:08	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**95.3**		%	03/30/17	19:08	BP	423412

Prep Method: 5030VOC
Prep Batch ID: 5979
Prep Batch Date/Time: 3/30/17 9:59:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/30/17	19:08	BP	423412
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/30/17	19:08	BP	423412
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	03/30/17	19:08	BP	423412
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/30/17	19:08	BP	423412
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	03/30/17	19:08	BP	423412
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/30/17	19:08	BP	423412
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/30/17	19:08	BP	423412
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	03/30/17	19:08	BP	423412
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/30/17	19:08	BP	423412
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/30/17	19:08	BP	423412
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/30/17	19:08	BP	423412
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/30/17	19:08	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	03/30/17	19:08	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**97**		%	03/30/17	19:08	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**89**		%	03/30/17	19:08	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-5	**Lab Sample ID:**	1703246-007B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17 11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.102**	x	mg/L	04/04/17	22:05	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**109**		%	04/04/17	22:05	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-6	**Lab Sample ID:**	1703246-008A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/4/17 9:59:00AM
Prep Batch ID: 5996 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	**84.2**	x	ug/L	04/04/17	16:31	BP	423420
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**94.1**		%	04/04/17	16:31	BP	423420

NOTE: x – Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/4/17 9:57:00AM
Prep Batch ID: 5995 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/04/17	16:31	BP	423420
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/04/17	16:31	BP	423420
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/04/17	16:31	BP	423420
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/04/17	16:31	BP	423420
Benzene	SW8260B	1	0.16	0.50	**1.3**		ug/L	04/04/17	16:31	BP	423420
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/04/17	16:31	BP	423420
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/04/17	16:31	BP	423420
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/04/17	16:31	BP	423420
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/04/17	16:31	BP	423420
o-Xylene	SW8260B	1	0.15	0.50	**2.1**		ug/L	04/04/17	16:31	BP	423420
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/04/17	16:31	BP	423420
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/04/17	16:31	BP	423420
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**98**		%	04/04/17	16:31	BP	423420
(S) Toluene-d8	SW8260B		75.1 - 127		**94**		%	04/04/17	16:31	BP	423420
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**87**		%	04/04/17	16:31	BP	423420

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-6	**Lab Sample ID:**	1703246-008B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.112**		mg/L	04/04/17	22:28	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**110**		%	04/04/17	22:28	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-7	**Lab Sample ID:**	1703246-009A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO
Prep Batch ID: 5991
Prep Batch Date/Time: 3/30/17 9:59:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	03/30/17	20:32	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**99.0**		%	03/30/17	20:32	BP	423412

Prep Method: 5030VOC
Prep Batch ID: 5979
Prep Batch Date/Time: 3/30/17 9:59:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/30/17	20:32	BP	423412
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/30/17	20:32	BP	423412
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	03/30/17	20:32	BP	423412
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/30/17	20:32	BP	423412
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	03/30/17	20:32	BP	423412
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/30/17	20:32	BP	423412
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/30/17	20:32	BP	423412
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	03/30/17	20:32	BP	423412
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/30/17	20:32	BP	423412
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/30/17	20:32	BP	423412
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/30/17	20:32	BP	423412
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/30/17	20:32	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	03/30/17	20:32	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	03/30/17	20:32	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**90**		%	03/30/17	20:32	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-7	**Lab Sample ID:**	1703246-009B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17 11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	04/05/17	1:50	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**87.9**		%	04/05/17	1:50	MK	423399

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-8	**Lab Sample ID:**	1703246-010A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO
Prep Batch ID: 5991
Prep Batch Date/Time: 3/30/17 9:59:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	03/30/17	21:00	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**93.2**		%	03/30/17	21:00	BP	423412

Prep Method: 5030VOC
Prep Batch ID: 5979
Prep Batch Date/Time: 3/30/17 9:59:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	**0.59**		ug/L	03/30/17	21:00	BP	423412
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/30/17	21:00	BP	423412
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	03/30/17	21:00	BP	423412
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/30/17	21:00	BP	423412
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	03/30/17	21:00	BP	423412
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/30/17	21:00	BP	423412
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/30/17	21:00	BP	423412
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	03/30/17	21:00	BP	423412
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/30/17	21:00	BP	423412
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/30/17	21:00	BP	423412
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/30/17	21:00	BP	423412
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/30/17	21:00	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	03/30/17	21:00	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**95**		%	03/30/17	21:00	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**89**		%	03/30/17	21:00	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-8	**Lab Sample ID:**	1703246-010B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.121**	x	mg/L	04/05/17	2:12	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**106**		%	04/05/17	2:12	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-9	**Lab Sample ID:**	1703246-011A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5991 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	03/30/17	21:28	BP	423412
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**101**		%	03/30/17	21:28	BP	423412

Prep Method: 5030VOC **Prep Batch Date/Time:** 3/30/17 9:59:00AM
Prep Batch ID: 5979 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	**0.58**		ug/L	03/30/17	21:28	BP	423412
tert-Butanol	SW8260B	1	2.9	5.0	**5.6**		ug/L	03/30/17	21:28	BP	423412
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	03/30/17	21:28	BP	423412
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/30/17	21:28	BP	423412
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	03/30/17	21:28	BP	423412
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/30/17	21:28	BP	423412
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/30/17	21:28	BP	423412
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	03/30/17	21:28	BP	423412
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/30/17	21:28	BP	423412
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/30/17	21:28	BP	423412
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/30/17	21:28	BP	423412
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/30/17	21:28	BP	423412
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	03/30/17	21:28	BP	423412
(S) Toluene-d8	SW8260B		75.1 - 127		**98**		%	03/30/17	21:28	BP	423412
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**89**		%	03/30/17	21:28	BP	423412

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-9	**Lab Sample ID:**	1703246-011B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.160**	x	mg/L	04/05/17	2:35	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**116**		%	04/05/17	2:35	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-10	**Lab Sample ID:**	1703246-012A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/4/17 9:59:00AM
Prep Batch ID: 5996 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	04/04/17	16:59	BP	423420
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**100**		%	04/04/17	16:59	BP	423420

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/4/17 9:57:00AM
Prep Batch ID: 5995 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/04/17	16:59	BP	423420
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/04/17	16:59	BP	423420
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/04/17	16:59	BP	423420
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/04/17	16:59	BP	423420
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	04/04/17	16:59	BP	423420
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/04/17	16:59	BP	423420
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/04/17	16:59	BP	423420
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/04/17	16:59	BP	423420
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/04/17	16:59	BP	423420
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/04/17	16:59	BP	423420
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/04/17	16:59	BP	423420
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/04/17	16:59	BP	423420
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	04/04/17	16:59	BP	423420
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	04/04/17	16:59	BP	423420
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**88**		%	04/04/17	16:59	BP	423420

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-10	**Lab Sample ID:**	1703246-012B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.107**	x	mg/L	04/05/17	2:57	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**106**		%	04/05/17	2:57	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-11	**Lab Sample ID:**	1703246-013A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/4/17 9:59:00AM
Prep Batch ID: 5996 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	04/04/17	17:26	BP	423420
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**83.4**		%	04/04/17	17:26	BP	423420

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/4/17 9:57:00AM
Prep Batch ID: 5995 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/04/17	17:26	BP	423420
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/04/17	17:26	BP	423420
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/04/17	17:26	BP	423420
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/04/17	17:26	BP	423420
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	04/04/17	17:26	BP	423420
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/04/17	17:26	BP	423420
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/04/17	17:26	BP	423420
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/04/17	17:26	BP	423420
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/04/17	17:26	BP	423420
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/04/17	17:26	BP	423420
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/04/17	17:26	BP	423420
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/04/17	17:26	BP	423420
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	04/04/17	17:26	BP	423420
(S) Toluene-d8	SW8260B		75.1 - 127		**94**		%	04/04/17	17:26	BP	423420
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**87**		%	04/04/17	17:26	BP	423420

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-11	**Lab Sample ID:**	1703246-013B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17 11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	04/05/17	3:20	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**102**		%	04/05/17	3:20	MK	423399

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-12	**Lab Sample ID:**	1703246-014A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/4/17 9:59:00AM
Prep Batch ID: 5996 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	04/04/17	17:54	BP	423420
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**112**		%	04/04/17	17:54	BP	423420

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/4/17 9:57:00AM
Prep Batch ID: 5995 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/04/17	17:54	BP	423420
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/04/17	17:54	BP	423420
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/04/17	17:54	BP	423420
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/04/17	17:54	BP	423420
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	04/04/17	17:54	BP	423420
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/04/17	17:54	BP	423420
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/04/17	17:54	BP	423420
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/04/17	17:54	BP	423420
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/04/17	17:54	BP	423420
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/04/17	17:54	BP	423420
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/04/17	17:54	BP	423420
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/04/17	17:54	BP	423420
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	04/04/17	17:54	BP	423420
(S) Toluene-d8	SW8260B		75.1 - 127		**95**		%	04/04/17	17:54	BP	423420
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**90**		%	04/04/17	17:54	BP	423420

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-12	**Lab Sample ID:**	1703246-014B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/29/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.104**	x	mg/L	04/05/17	3:42	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**95.3**		%	04/05/17	3:42	MK	423399

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-13	**Lab Sample ID:**	1703246-015A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/4/17 9:59:00AM
Prep Batch ID: 5996 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	04/04/17	18:22	BP	423420
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**99.4**		%	04/04/17	18:22	BP	423420

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/4/17 9:57:00AM
Prep Batch ID: 5995 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/04/17	18:22	BP	423420
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/04/17	18:22	BP	423420
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/04/17	18:22	BP	423420
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/04/17	18:22	BP	423420
Benzene	SW8260B	1	0.16	0.50	ND		ug/L	04/04/17	18:22	BP	423420
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/04/17	18:22	BP	423420
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/04/17	18:22	BP	423420
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/04/17	18:22	BP	423420
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/04/17	18:22	BP	423420
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/04/17	18:22	BP	423420
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/04/17	18:22	BP	423420
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/04/17	18:22	BP	423420
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	04/04/17	18:22	BP	423420
(S) Toluene-d8	SW8260B		75.1 - 127		**95**		%	04/04/17	18:22	BP	423420
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**87**		%	04/04/17	18:22	BP	423420

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-13	**Lab Sample ID:**	1703246-015B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17 11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	04/05/17	4:04	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**92.1**		%	04/05/17	4:04	MK	423399

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-14	**Lab Sample ID:**	1703246-016A
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/4/17 9:59:00AM
Prep Batch ID: 5996 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	04/04/17	18:50	BP	423420
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**112**		%	04/04/17	18:50	BP	423420

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/4/17 9:57:00AM
Prep Batch ID: 5995 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/04/17	18:50	BP	423420
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/04/17	18:50	BP	423420
Diisopropyl ether (DIPE)	SW8260B	1	0.12	0.50	ND		ug/L	04/04/17	18:50	BP	423420
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/04/17	18:50	BP	423420
Benzene	SW8260B	1	0.16	0.50	**7.7**		ug/L	04/04/17	18:50	BP	423420
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/04/17	18:50	BP	423420
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/04/17	18:50	BP	423420
Ethyl Benzene	SW8260B	1	0.20	0.50	**2.9**		ug/L	04/04/17	18:50	BP	423420
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/04/17	18:50	BP	423420
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/04/17	18:50	BP	423420
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/04/17	18:50	BP	423420
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/04/17	18:50	BP	423420
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	04/04/17	18:50	BP	423420
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	04/04/17	18:50	BP	423420
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**89**		%	04/04/17	18:50	BP	423420

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 03/29/17, 5:15 pm
Date Reported: 04/05/17

Client Sample ID:	RW-14	**Lab Sample ID:**	1703246-016B
Project Name/Location:	Former Exxon Station / 2X103.Q	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	03/28/17 /		
SDG:			
Tag Number:	Former Exxon Station		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/3/17	11:32:00AM
Prep Batch ID:	5965	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	04/05/17	4:27	MK	423399
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**120**		%	04/05/17	4:27	MK	423399

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1703246	**Prep Method:**	3510_TPH	**Prep Date:**	04/03/17	**Prep Batch:**	5965
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/3/2017	**Analytical Batch:**	423399
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.037	0.10	ND	
TPH as Motor Oil	0.11	0.40	ND	
Pentacosane (S)			119	

Work Order:	1703246	**Prep Method:**	5030VOC	**Prep Date:**	03/30/17	**Prep Batch:**	5979
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/30/2017	**Analytical Batch:**	423412
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	0.47	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	0.50	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	7.4	10	ND	
Diisopropyl ether (DIPE)	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.16	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1703246	**Prep Method:**	5030VOC	**Prep Date:**	03/30/17	**Prep Batch:**	5979
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/30/2017	**Analytical Batch:**	423412
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethyl Benzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	1.4	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			106	
(S) Toluene-d8			95.9	
(S) 4-Bromofluorobenzene			91.6	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1703246	**Prep Method:**	5030GRO	**Prep Date:**	03/30/17	**Prep Batch:**	5991
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/30/2017	**Analytical Batch:**	423412
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	29	50	ND		
(S) 4-Bromofluorobenzene			101		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1703246	**Prep Method:**	5030VOC	**Prep Date:**	04/04/17	**Prep Batch:**	5995
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/4/2017	**Analytical Batch:**	423420
Units:	ug/L						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1703246	**Prep Method:**	5030VOC	**Prep Date:**	04/04/17	**Prep Batch:**	5995
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/4/2017	**Analytical Batch:**	423420
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	1.3	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			108	
(S) Toluene-d8			95.3	
(S) 4-Bromofluorobenzene			95.2	

Work Order:	1703246	**Prep Method:**	5030GRO	**Prep Date:**	04/04/17	**Prep Batch:**	5996
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/4/2017	**Analytical Batch:**	423420
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	29	50	ND	
(S) 4-Bromofluorobenzene			109	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1703246	**Prep Method:**	3510_TPH	**Prep Date:**	04/03/17	**Prep Batch:**	5965
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/3/2017	**Analytical Batch:**	423399
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	0.037	0.10	ND	1.0	101	103	1.96	52 - 115	30	
Pentacosane (S)				200	113	123		59 - 129		

Work Order:	1703246	**Prep Method:**	5030VOC	**Prep Date:**	03/30/17	**Prep Batch:**	5979
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/30/2017	**Analytical Batch:**	423412
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	93.2	99.1	5.81	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	96.6	104	6.70	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	86.4	90.3	4.44	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	99.3	99.1	0.000	76.6 - 123	30	
Chlorobenzene	0.16	0.50	0.47	17.9	100	102	2.21	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	103	117		61.2 - 131		
(S) Toluene-d8				17.9	104	103		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	92.8	96.5		64.1 - 120		

Work Order:	1703246	**Prep Method:**	5030GRO	**Prep Date:**	03/30/17	**Prep Batch:**	5991
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/30/2017	**Analytical Batch:**	423412
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	87.0	82.0	5.97	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	77.1	102		41.5 - 125		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1703246	**Prep Method:**	5030VOC	**Prep Date:**	04/04/17	**Prep Batch:**	5995
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/4/2017	**Analytical Batch:**	423420
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	81.6	78.2	4.20	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	93.2	86.4	8.10	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	81.9	82.6	1.36	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	92.6	89.5	3.08	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	96.9	92.5	4.73	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	99.7	99.0		61.2 - 131		
(S) Toluene-d8				17.9	94.4	91.9		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	92.9	83.7		64.1 - 120		

Work Order:	1703246	**Prep Method:**	5030GRO	**Prep Date:**	04/04/17	**Prep Batch:**	5996
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/4/2017	**Analytical Batch:**	423420
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	84.2	88.8	5.35	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	89.6	97.8		41.5 - 125		

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: Weber, Hayes & Associates

Project Name: Former Exxon Station / 2X103.Q

Work Order No.: 1703246

Date and Time Received: 3/29/2017 5:15:00PM

Received By: Navin Ghodasara

Physically Logged By: Navin Ghodasara

Checklist Completed By:

Carrier Name: Client Drop Off

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?	No
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?	No			
Container/Temp Blank temperature in compliance?	No	Temperature:	10.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: na

pH Adjusted by: na

Comments:

Received two samples with same ID--RW-11 and. Sample with ID -RW-9 not received. Based on client communication, the bottle that had more volume of sample in it was designated as RW-11, the other as RW-9

Login Summary Report

Client ID: TL5105 Weber, Hayes & Associates
Project Name: Former Exxon Station / 2X103.Q
Project # :
Report Due Date: 4/5/2017
QC Level: II
TAT Requested: 5+ day:5
Date Received: 3/29/2017
Time Received: 5:15 pm

Comments:

Work Order # : ***1703246***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1703246-001A	MW-1	03/29/17	Water	05/13/17			EDF VOC_W_GRO VOC_W_Pet	
Sample Note:	Please use MDL for any diluted sample. TPHg, BTEX, 5-Oxygenates, Lead Scavengers.							
1703246-001B	MW-1	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
Sample Note:	Please use MDL for any diluted sample. TPHd.							
1703246-002A	MW-2	03/28/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-002B	MW-2	03/28/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-003A	MW-3	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-003B	MW-3	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-004A	MW-4	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-004B	MW-4	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-005A	MW-5	03/28/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-005B	MW-5	03/28/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-006A	MW-6	03/28/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-006B	MW-6	03/28/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-007A	RW-5	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-007B	RW-5	03/29/17	Water	05/13/17				

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5105 Weber, Hayes & Associates
Project Name: Former Exxon Station / 2X103.Q
Project # :
Report Due Date: 4/5/2017
Comments:
Work Order # : ***1703246***

QC Level: II
TAT Requested: 5+ day:5
Date Received: 3/29/2017
Time Received: 5:15 pm

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1703246-008A	RW-6	03/29/17	Water	05/13/17			TPHDO_W_8015B(M) VOC_W_Pet VOC_W_GRO	
1703246-008B	RW-6	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-009A	RW-7	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-009B	RW-7	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-010A	RW-8	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-010B	RW-8	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-011A	RW-9	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-011B	RW-9	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-012A	RW-10	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-012B	RW-10	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-013A	RW-11	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-013B	RW-11	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-014A	RW-12	03/29/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-014B	RW-12	03/29/17	Water	05/13/17			TPHDO_W_8015B(M)	
1703246-015A	RW-13	03/28/17	Water	05/13/17			VOC_W_Pet	

Login Summary Report

Client ID: TL5105 Weber, Hayes & Associates

Project Name: Former Exxon Station / 2X103.Q

Project # :

Report Due Date: 4/5/2017

QC Level: II

TAT Requested: 5+ day:5

Date Received: 3/29/2017

Time Received: 5:15 pm

Comments:

Work Order # : ***1703246***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1703246-015B	RW-13	03/28/17	Water	05/13/17			VOC_W_GRO TPHDO_W_8015B(M)	
1703246-016A	RW-14	03/28/17	Water	05/13/17			VOC_W_Pet VOC_W_GRO	
1703246-016B	RW-14	03/28/17	Water	05/13/17			TPHDO_W_8015B(M)	

Torrent LABORATORY, INC.

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN -OF-CUSTODY RECORD

1703246 1 OF 2

PROJECT NAME AND JOB #: Former Exxon Station/ 2X103.Q
SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney
ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO
Sampler: ~~Dan Kocher~~ Sean Abbey
Date: 3/28/2017 3/29/17

LABORATORY: Torrent
TURNAROUND TIME: Standard 48hr Rush
GLOBAL I.D.: T0600100538

	Field Point Name (Geo Tracker)	Sample Identification	Date Sampled	Matrix	SAMPLE CONTAINERS 40 mL VOAs (preserved)	50 mL plastic (preserved)	1 Liter Amber	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: TPH-diesel w/ silica gel cleanup EPA Method# 8015M	TPH-D EPA Method 8015	TPH-Gas by EPA Method 8260	VOCs: BTEX by EPA Method 8260B	TBA by EPA Method 8260	Low-Level Semi-VOCs by EPA Method 8270 SIM	Additional Analysis: Fuel Oxygenates EPA Method # 8260	Lead Scavengers EPA Method # 8260
001A/B	MW-1	MW-1	~~3/28/2017~~ 3/29/17	Aq	3		1			x	x	x			x	x
002A/B	MW-2	MW-2	3/29/17													
003A/B	MW-3	MW-3	3/29/17													
004A/B	MW-4	MW-4	3/29/17													
005A/B	MW-5	MW-5	3/28/17													
006A/B	MW-6	MW-6	3/28/17													
007A/B	RW-5	RW-5	3/29/17													
008A/B	RW-6	RW-6														
009A/B	RW-7	RW-7														
010A/B	RW-8	RW-8														
011A/B	RW-9	RW-9														
012A/B	RW-10	RW-10														
013A/B	RW-11	RW-11														
014A/B	RW-12	RW-12														
015A/B	RW-13	RW-13	3/28/17													

	RELEASED BY:	Date & Time		RECEIVED BY:	Date & Time
1.)	Sally	3-29-17 1715	→	NAVING	3.29.17 17:15
2.)			→		
3.)			→		
4.)			→		
5.)			→		

SAMPLE CONDITION: (circle 1)

Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:
[X] Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS
- Fuel Oxygenates should only include DIPE, TAME, EtBE, MtBE, & TBA
- Please produce and email an EDF of these results to lab@weber-hayes.com

Temp. 10.1°C #2 chilling begun

D/aff

JC\Fieldlog\COC-GW VOCs - COC 1 of 1 Weber, Hayes and Associates

Torrent LABORATORY, INC.

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN -OF-CUSTODY RECORD

1703246 2 OF 2

PROJECT NAME AND JOB #: Former Exxon Station/ 2X103.Q
SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney
ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO
Sampler: ~~Dan Kocher~~ Sean Abbey
Date: ~~3/28/2017~~ 3/29/17

LABORATORY: Torrent
TURNAROUND TIME: Standard 48hr Rush
GLOBAL I.D.: T0600100538

	Field Point Name (Geo Tracker)	Sample Identification	Date Sampled	Matrix	SAMPLE CONTAINERS 40 mL VOAs (preserved)	50 mL plastic (preserved)	1 Liter Amber	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons TPH-diesel w/ silica gel cleanup EPA Method# 8015M	TPH-D EPA Method 8015	TPH-Gas by EPA Method 8260	VOCs BTEX by EPA Method 8260B	TBA by EPA Method 8260	Low-Level Semi-VOCs by EPA Method 8270 SIM	Additional Analysis: Fuel Oxygenates EPA Method # 8260	Lead Scavengers EPA Method # 8260
C16A/B	RW-14	RW-14	3/28/17	Aq	3		1			x	x	x			x	x

	RELEASED BY:	Date & Time		RECEIVED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.)	Sean Abbey	3-29-17 1715	→	~~Dan Kocher~~ NAVING	3-29-17, 17:15	Ambient	(Refrigerated)	Frozen
2.)			→			Ambient	Refrigerated	Frozen
3.)			→			Ambient	Refrigerated	Frozen
4.)			→			Ambient	Refrigerated	Frozen
5.)			→			Ambient	Refrigerated	Frozen

NOTES:

[X] Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

- Fuel Oxygenates should only include DIPE, TAME, EtBE, MtBE, & TBA
- Please produce and email an EDF of these results to lab@weber-hayes.com

Temp 10.1°C #2 Chilling began

D/off

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

Weber, Hayes & Associates
120 Westgate Dr
Watsonville, CA 95076
Tel: 831-722-3580
Fax: 831-662-3100

RE: Former Oakland Exxon / 2X103.G

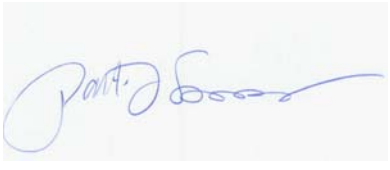
Work Order No.: 1704108

Dear Jered Chaney:

Torrent Laboratory, Inc. received 6 sample(s) on April 19, 2017 for the analyses presented in the following Report.

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

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



Patti L Sandrock
QA Officer

April 26, 2017
Date

Date: 4/26/2017

Client: Weber, Hayes & Associates

Project: Former Oakland Exxon / 2X103.G

Work Order: 1704108

CASE NARRATIVE

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

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

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

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

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date Received: 04/19/17
Date Reported: 04/26/17

DP-10 1704108-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	4.2	120	210	2360	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.958	mg/L
MTBE	SW8260B	4.2	0.32	2.1	20	ug/L
tert-Butanol	SW8260B	4.2	12	21	270	ug/L
Benzene	SW8260B	4.2	0.66	2.1	330	ug/L
Toluene	SW8260B	4.2	0.60	2.1	2.9	ug/L
Ethyl Benzene	SW8260B	4.2	0.82	2.1	43	ug/L
m,p-Xylene	SW8260B	4.2	1.7	4.2	98	ug/L
o-Xylene	SW8260B	4.2	0.65	2.1	15	ug/L
Naphthalene	SW8260B	4.2	5.1	8.4	12	ug/L

DP-11 1704108-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	29	50	85.3	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.276	mg/L
MTBE	SW8260B	1	0.077	0.50	3.8	ug/L
Benzene	SW8260B	1	0.16	0.50	5.6	ug/L

DP-12 1704108-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	29	50	322	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.106	mg/L
MTBE	SW8260B	1	0.077	0.50	2.0	ug/L
Benzene	SW8260B	1	0.16	0.50	22	ug/L
Toluene	SW8260B	1	0.14	0.50	1.0	ug/L
Ethyl Benzene	SW8260B	1	0.20	0.50	4.6	ug/L
m,p-Xylene	SW8260B	1	0.39	1.0	8.6	ug/L
o-Xylene	SW8260B	1	0.15	0.50	1.6	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date Received: 04/19/17
Date Reported: 04/26/17

DP-13 1704108-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	29	50	1710	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.255	mg/L
MTBE	SW8260B	1	0.077	0.50	6.0	ug/L
tert-Butanol	SW8260B	1	2.9	5.0	9.7	ug/L
Toluene	SW8260B	1	0.14	0.50	8.4	ug/L
Ethyl Benzene	SW8260B	1	0.20	0.50	39	ug/L
m,p-Xylene	SW8260B	1	0.39	1.0	81	ug/L
o-Xylene	SW8260B	1	0.15	0.50	31	ug/L
Naphthalene	SW8260B	1	1.2	2.0	14	ug/L
Benzene	SW8260B	4.2	0.66	2.1	190	ug/L

DP-14 1704108-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	10.5	310	530	2610	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.349	mg/L
MTBE	SW8260B	10.5	0.81	5.3	13	ug/L
Benzene	SW8260B	10.5	1.6	5.3	240	ug/L
Toluene	SW8260B	10.5	1.5	5.3	20	ug/L
Ethyl Benzene	SW8260B	10.5	2.0	5.3	35	ug/L
m,p-Xylene	SW8260B	10.5	4.1	11	130	ug/L
o-Xylene	SW8260B	10.5	1.6	5.3	44	ug/L

DP-15 1704108-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	29	50	304	ug/L
Benzene	SW8260B	1	0.16	0.50	3.1	ug/L
MTBE	SW8260B	4.2	0.32	2.1	370	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-10	**Lab Sample ID:**	1704108-001A
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6375 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	4.2	120	210	**2360**	x	ug/L	04/20/17	21:50	BP	423711
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**102**		%	04/20/17	21:50	BP	423711

NOTE: x - Although TPH as Gasoline constituents are present, sample chromatogram does not resemble pattern of reference Gasoline standard.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6308 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	4.2	0.32	2.1	**20**		ug/L	04/20/17	21:50	BP	423711
tert-Butanol	SW8260B	4.2	12	21	**270**		ug/L	04/20/17	21:50	BP	423711
Benzene	SW8260B	4.2	0.66	2.1	**330**		ug/L	04/20/17	21:50	BP	423711
Toluene	SW8260B	4.2	0.60	2.1	**2.9**		ug/L	04/20/17	21:50	BP	423711
Ethyl Benzene	SW8260B	4.2	0.82	2.1	**43**		ug/L	04/20/17	21:50	BP	423711
m,p-Xylene	SW8260B	4.2	1.7	4.2	**98**		ug/L	04/20/17	21:50	BP	423711
o-Xylene	SW8260B	4.2	0.65	2.1	**15**		ug/L	04/20/17	21:50	BP	423711
Naphthalene	SW8260B	4.2	5.1	8.4	**12**		ug/L	04/20/17	21:50	BP	423711
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	04/20/17	21:50	BP	423711
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	04/20/17	21:50	BP	423711
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**90**		%	04/20/17	21:50	BP	423711

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-10	**Lab Sample ID:**	1704108-001B
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/21/17	9:49:00AM
Prep Batch ID:	6309	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.958**	x	mg/L	04/23/17	14:55	MK	423719
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**105**		%	04/23/17	14:55	MK	423719

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-11	**Lab Sample ID:**	1704108-002A
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6375 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	**85.3**	x	ug/L	04/20/17	19:54	BP	423711
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**97.2**		%	04/20/17	19:54	BP	423711

NOTE: x – Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6308 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	**3.8**		ug/L	04/20/17	19:54	BP	423711
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/20/17	19:54	BP	423711
Benzene	SW8260B	1	0.16	0.50	**5.6**		ug/L	04/20/17	19:54	BP	423711
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/20/17	19:54	BP	423711
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/20/17	19:54	BP	423711
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/20/17	19:54	BP	423711
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/20/17	19:54	BP	423711
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	04/20/17	19:54	BP	423711
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	04/20/17	19:54	BP	423711
(S) Toluene-d8	SW8260B		75.1 - 127		**91**		%	04/20/17	19:54	BP	423711
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**87**		%	04/20/17	19:54	BP	423711

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-11	**Lab Sample ID:**	1704108-002B
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/21/17	9:49:00AM
Prep Batch ID:	6309	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.276**	x	mg/L	04/23/17	15:17	MK	423719
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**103**		%	04/23/17	15:17	MK	423719

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-12	**Lab Sample ID:**	1704108-003A
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/18/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6375 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	**322**	x	ug/L	04/20/17	21:22	BP	423711
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**89.4**		%	04/20/17	21:22	BP	423711

NOTE: x - Although TPH as Gasoline constituents are present, sample chromatogram does not resemble pattern of reference Gasoline standard.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/21/17 10:12:00AM
Prep Batch ID: 6376 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	**2.0**		ug/L	04/21/17	16:19	BP	423784
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/21/17	16:19	BP	423784
Benzene	SW8260B	1	0.16	0.50	**22**		ug/L	04/21/17	16:19	BP	423784
Toluene	SW8260B	1	0.14	0.50	**1.0**		ug/L	04/21/17	16:19	BP	423784
Ethyl Benzene	SW8260B	1	0.20	0.50	**4.6**		ug/L	04/21/17	16:19	BP	423784
m,p-Xylene	SW8260B	1	0.39	1.0	**8.6**		ug/L	04/21/17	16:19	BP	423784
o-Xylene	SW8260B	1	0.15	0.50	**1.6**		ug/L	04/21/17	16:19	BP	423784
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	04/21/17	16:19	BP	423784
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**92**		%	04/21/17	16:19	BP	423784
(S) Toluene-d8	SW8260B		75.1 - 127		**92**		%	04/21/17	16:19	BP	423784
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**86**		%	04/21/17	16:19	BP	423784

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-12	**Lab Sample ID:**	1704108-003B
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/18/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/21/17	9:49:00AM
Prep Batch ID:	6309	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.106**	x	mg/L	04/23/17	15:40	MK	423719
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**84.1**		%	04/23/17	15:40	MK	423719

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-13	**Lab Sample ID:**	1704108-004A
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/18/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6375 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	**1710**	x	ug/L	04/20/17	20:23	BP	423711
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**111**		%	04/20/17	20:23	BP	423711

NOTE: x - Although TPH as Gasoline constituents are present, sample chromatogram does not resemble pattern of reference Gasoline standard.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6308 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	1	0.077	0.50	**6.0**		ug/L	04/20/17	20:23	BP	423711
tert-Butanol	SW8260B	1	2.9	5.0	**9.7**		ug/L	04/20/17	20:23	BP	423711
Toluene	SW8260B	1	0.14	0.50	**8.4**		ug/L	04/20/17	20:23	BP	423711
Ethyl Benzene	SW8260B	1	0.20	0.50	**39**		ug/L	04/20/17	20:23	BP	423711
m,p-Xylene	SW8260B	1	0.39	1.0	**81**		ug/L	04/20/17	20:23	BP	423711
o-Xylene	SW8260B	1	0.15	0.50	**31**		ug/L	04/20/17	20:23	BP	423711
Naphthalene	SW8260B	1	1.2	2.0	**14**		ug/L	04/20/17	20:23	BP	423711
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	04/20/17	20:23	BP	423711
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	04/20/17	20:23	BP	423711
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**90**		%	04/20/17	20:23	BP	423711

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/21/17 10:12:00AM
Prep Batch ID: 6376 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Benzene	SW8260B	4.2	0.66	2.1	**190**		ug/L	04/21/17	16:47	BP	423784
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**120**		%	04/21/17	16:47	BP	423784
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	04/21/17	16:47	BP	423784
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**93**		%	04/21/17	16:47	BP	423784

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-13	**Lab Sample ID:**	1704108-004B
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/18/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/21/17	9:49:00AM
Prep Batch ID:	6309	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.255**	x	mg/L	04/23/17	16:03	MK	423719
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**115**		%	04/23/17	16:03	MK	423719

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-14	**Lab Sample ID:**	1704108-005A
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6375 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	10.5	310	530	**2610**		ug/L	04/20/17	22:18	BP	423711
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**106**		%	04/20/17	22:18	BP	423711

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6308 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	10.5	0.81	5.3	**13**		ug/L	04/20/17	22:18	BP	423711
tert-Butanol	SW8260B	10.5	31	53	ND		ug/L	04/20/17	22:18	BP	423711
Benzene	SW8260B	10.5	1.6	5.3	**240**		ug/L	04/20/17	22:18	BP	423711
Toluene	SW8260B	10.5	1.5	5.3	**20**		ug/L	04/20/17	22:18	BP	423711
Ethyl Benzene	SW8260B	10.5	2.0	5.3	**35**		ug/L	04/20/17	22:18	BP	423711
m,p-Xylene	SW8260B	10.5	4.1	11	**130**		ug/L	04/20/17	22:18	BP	423711
o-Xylene	SW8260B	10.5	1.6	5.3	**44**		ug/L	04/20/17	22:18	BP	423711
Naphthalene	SW8260B	10.5	13	21	ND		ug/L	04/20/17	22:18	BP	423711
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**100**		%	04/20/17	22:18	BP	423711
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	04/20/17	22:18	BP	423711
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**91**		%	04/20/17	22:18	BP	423711

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-14	**Lab Sample ID:**	1704108-005B
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/21/17	9:49:00AM
Prep Batch ID:	6309	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.349**	x	mg/L	04/23/17	16:26	MK	423719
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**111**		%	04/23/17	16:26	MK	423719

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-15	**Lab Sample ID:**	1704108-006A
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6375 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	**304**	x	ug/L	04/20/17	20:53	BP	423711
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**102**		%	04/20/17	20:53	BP	423711

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peak within range of C5-C12 quantified as gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/20/17 9:35:00AM
Prep Batch ID: 6308 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/20/17	20:53	BP	423711
Benzene	SW8260B	1	0.16	0.50	**3.1**		ug/L	04/20/17	20:53	BP	423711
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/20/17	20:53	BP	423711
Ethyl Benzene	SW8260B	1	0.20	0.50	ND		ug/L	04/20/17	20:53	BP	423711
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/20/17	20:53	BP	423711
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/20/17	20:53	BP	423711
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	04/20/17	20:53	BP	423711
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**110**		%	04/20/17	20:53	BP	423711
(S) Toluene-d8	SW8260B		75.1 - 127		**93**		%	04/20/17	20:53	BP	423711
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**89**		%	04/20/17	20:53	BP	423711

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/21/17 10:12:00AM
Prep Batch ID: 6376 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	4.2	0.32	2.1	**370**		ug/L	04/21/17	17:16	BP	423784

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/19/17, 2:30 pm
Date Reported: 04/26/17

Client Sample ID:	DP-15	**Lab Sample ID:**	1704108-006B
Project Name/Location:	Former Oakland Exxon / 2X103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/19/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/21/17	9:49:00AM
Prep Batch ID:	6309	**Prep Analyst:**	MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	04/23/17	16:48	MK	423719
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**113**		%	04/23/17	16:48	MK	423719

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704108	**Prep Method:**	5030VOC	**Prep Date:**	04/20/17	**Prep Batch:**	6308
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/20/2017	**Analytical Batch:**	423711
Units:	ug/L						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704108	**Prep Method:**	5030VOC	**Prep Date:**	04/20/17	**Prep Batch:**	6308
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/20/2017	**Analytical Batch:**	423711
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			113	
(S) Toluene-d8			90.2	
(S) 4-Bromofluorobenzene			88.5	

Work Order:	1704108	**Prep Method:**	3510_TPH	**Prep Date:**	04/21/17	**Prep Batch:**	6309
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423718
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.037	0.10	ND	
TPH as Motor Oil	0.11	0.40	ND	
Pentacosane (S)			108	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704108	**Prep Method:**	5030GRO	**Prep Date:**	04/20/17	**Prep Batch:**	6375
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/20/2017	**Analytical Batch:**	423711
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	29	50	47		
(S) 4-Bromofluorobenzene			74.8		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704108	**Prep Method:**	5030VOC	**Prep Date:**	04/21/17	**Prep Batch:**	6376
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423784
Units:	ug/L						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704108	**Prep Method:**	5030VOC	**Prep Date:**	04/21/17	**Prep Batch:**	6376
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423784
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			124	
(S) Toluene-d8			90.6	
(S) 4-Bromofluorobenzene			87.7	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1704108	**Prep Method:**	5030VOC	**Prep Date:**	04/20/17	**Prep Batch:**	6308
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/20/2017	**Analytical Batch:**	423711
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	124	113	8.98	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	132	124	6.56	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	113	112	1.50	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	117	110	6.42	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	118	111	5.38	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	129	122		61.2 - 131		
(S) Toluene-d8				17.9	115	109		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	115	109		64.1 - 120		

Work Order:	1704108	**Prep Method:**	3510_TPH	**Prep Date:**	04/21/17	**Prep Batch:**	6309
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423718
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	ND	1.0	74.5	85.0	13.2	52 - 115	30	
Pentacosane (S)				200	112	113		59 - 129		

Work Order:	1704108	**Prep Method:**	5030GRO	**Prep Date:**	04/20/17	**Prep Batch:**	6375
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423711
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	47	238	80.5	75.3	7.01	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	73.8	58.0		41.5 - 125		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1704108	**Prep Method:**	5030VOC	**Prep Date:**	04/21/17	**Prep Batch:**	6376
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423784
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	102	107	5.35	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	108	122	11.2	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	101	105	4.35	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	104	111	6.75	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	100	110	9.07	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	104	125		61.2 - 131		
(S) Toluene-d8				17.9	100	117		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	97.8	115		64.1 - 120		

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: Weber, Hayes & Associates

Project Name: Former Oakland Exxon / 2X103.G

Work Order No.: 1704108

Date and Time Received: 4/19/2017 2:30:00PM

Received By: ldi

Physically Logged By: Navin Ghodasara

Checklist Completed By:

Carrier Name: Client Drop Off

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?	Yes	Temperature:	5.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: na

pH Adjusted by: na

Comments:

Login Summary Report

Client ID: TL5105 Weber, Hayes & Associates
Project Name: Former Oakland Exxon / 2X103.G
Project # :
Report Due Date: 4/26/2017
Comments:
Work Order # : ***1704108***

QC Level: II
TAT Requested: 5+ day:5
Date Received: 4/19/2017
Time Received: 2:30 pm

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1704108-001A	DP-10	04/19/17	Water	06/03/17			EDF VOC_W_GRO VOC_W_PetE/PCE+	
Sample Note:	Please use MDL for any diluted samples. TPHg, MTBE, BTEX, Napthalene, TBA.							
1704108-001B	DP-10	04/19/17	Water	06/03/17			TPHDO_W_8015B(M)	
Sample Note:	Please use MDL for any diluted samples. TPHd.							
1704108-002A	DP-11	04/19/17	Water	06/03/17			VOC_W_PetE/PCE+ VOC_W_GRO	
1704108-002B	DP-11	04/19/17	Water	06/03/17			TPHDO_W_8015B(M)	
1704108-003A	DP-12	04/18/17	Water	06/03/17			VOC_W_PetE/PCE+ VOC_W_GRO	
1704108-003B	DP-12	04/18/17	Water	06/03/17			TPHDO_W_8015B(M)	
1704108-004A	DP-13	04/18/17	Water	06/03/17			VOC_W_PetE/PCE+ VOC_W_GRO	
1704108-004B	DP-13	04/18/17	Water	06/03/17			TPHDO_W_8015B(M)	
1704108-005A	DP-14	04/19/17	Water	06/03/17			VOC_W_PetE/PCE+ VOC_W_GRO	
1704108-005B	DP-14	04/19/17	Water	06/03/17			TPHDO_W_8015B(M)	
1704108-006A	DP-15	04/19/17	Water	06/03/17			VOC_W_PetE/PCE+ VOC_W_GRO	
1704108-006B	DP-15	04/19/17	Water	06/03/17			TPHDO_W_8015B(M)	

Torrent LABORATORY, INC.

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN -OF-CUSTODY RECORD

1704108 1 OF 1

PROJECT NAME AND JOB #: Former Oakland Exxon / 2X103.G
SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney
ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

LABORATORY: Torrent Labs
TURNAROUND TIME: Standard 48hr Rush
GLOBAL I.D.: T0600100538

Sampler: Jered Chaney
Date: 4/18 + 19 /2017

	Field Point Name (GeoTracker)	Sample I.D.	Date Sampled	Matrix	SAMPLE CONTAINERS 40 mL VOAs (preserved)	1 L Amber Jar	500 mL plastic	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: TPH-diesel & motor oil w/ silica gel cleanup EPA Method# 8015M	TPH-diesel EPA Method 8015M	TPH-Gas by EPA Method 8260B	VOCs: BTEX & MTBE by EPA Method 8260B	Napathalene by EPA Method 8260	TBA by EPA Method 8260B	Additional Analysis: Hex-Chrome by EPA Method 7199	Perchlorate by EPA Method 314.0
001A/B	DP-10	DP-10	4/19/17	Aq	3	1				X	X	X	X	X		
002A/B	DP-11	DP-11	↓	↓	3	1				↓	↓	↓	↓	↓		
003A/B	DP-12	DP-12	4/18/17		3	1										
004 A/B	DP-13	DP-13	↓		3	1										
005 A/B	DP-14	DP-14	4/19/17		3	1										
006 A/B	DP-15	DP-15	↓		3	1										

	RELEASED BY:	Date & Time		RECEIVED BY:	Date & Time
1.)	[signature]	4/19/17 1430	→	[signature]	L.D. Ibsal 1430
2.)			→		
3.)			→		
4.)			→		
5.)			→		

SAMPLE CONDITION: (circle 1)

Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:
[X] Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

D/O Temp 5°C #1

Weber, Hayes & Associates
120 Westgate Dr
Watsonville, CA 95076
Tel: 831-722-3580
Fax: 831-662-3100

RE: Former Oakland Exxon / 2x103.G

Work Order No.: 1704124

Dear Jered Chaney:

Torrent Laboratory, Inc. received 1 sample(s) on April 20, 2017 for the analyses presented in the following Report.

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

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

Belinda Vega
Vice President of Operations

April 27, 2017
Date

Date: 4/27/2017

Client: Weber, Hayes & Associates

Project: Former Oakland Exxon / 2x103.G

Work Order: 1704124

CASE NARRATIVE

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

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

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

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

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date Received: 04/20/17
Date Reported: 04/27/17

DP-16

1704124-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	29	50	1120	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.353	mg/L
tert-Butanol	SW8260B	1	2.9	5.0	24	ug/L
Benzene	SW8260B	1	0.16	0.50	55	ug/L
Toluene	SW8260B	1	0.14	0.50	3.7	ug/L
Ethyl Benzene	SW8260B	1	0.20	0.50	16	ug/L
m,p-Xylene	SW8260B	1	0.39	1.0	60	ug/L
o-Xylene	SW8260B	1	0.15	0.50	13	ug/L
Naphthalene	SW8260B	1	1.2	2.0	8.5	ug/L
MTBE	SW8260B	4.2	0.32	2.1	320	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/20/17, 12:49 pm
Date Reported: 04/27/17

Client Sample ID:	DP-16	**Lab Sample ID:**	1704124-001A
Project Name/Location:	Former Oakland Exxon / 2x103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/20/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method: 5030GRO **Prep Batch Date/Time:** 4/25/17 10:13:00AM
Prep Batch ID: 6380 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	**1120**	x	ug/L	04/25/17	19:45	BP	423785
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**101**		%	04/25/17	19:45	BP	423785

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target end hydrocarbons within range of C5-C12 quantified as gasoline.

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/25/17 10:13:00AM
Prep Batch ID: 6379 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
tert-Butanol	SW8260B	1	2.9	5.0	**24**		ug/L	04/25/17	19:45	BP	423785
Benzene	SW8260B	1	0.16	0.50	**55**		ug/L	04/25/17	19:45	BP	423785
Toluene	SW8260B	1	0.14	0.50	**3.7**		ug/L	04/25/17	19:45	BP	423785
Ethyl Benzene	SW8260B	1	0.20	0.50	**16**		ug/L	04/25/17	19:45	BP	423785
m,p-Xylene	SW8260B	1	0.39	1.0	**60**		ug/L	04/25/17	19:45	BP	423785
o-Xylene	SW8260B	1	0.15	0.50	**13**		ug/L	04/25/17	19:45	BP	423785
Naphthalene	SW8260B	1	1.2	2.0	**8.5**		ug/L	04/25/17	19:45	BP	423785
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**90**		%	04/25/17	19:45	BP	423785
(S) Toluene-d8	SW8260B		75.1 - 127		**91**		%	04/25/17	19:45	BP	423785
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**91**		%	04/25/17	19:45	BP	423785

Prep Method: 5030VOC **Prep Batch Date/Time:** 4/26/17 8:59:00AM
Prep Batch ID: 6381 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
MTBE	SW8260B	4.2	0.32	2.1	**320**		ug/L	04/26/17	18:11	BP	423786
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**88**		%	04/26/17	18:11	BP	423786
(S) Toluene-d8	SW8260B		75.1 - 127		**92**		%	04/26/17	18:11	BP	423786
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**93**		%	04/26/17	18:11	BP	423786

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jered Chaney
Weber, Hayes & Associates

Date/Time Received: 04/20/17, 12:49 pm
Date Reported: 04/27/17

Client Sample ID:	DP-16	**Lab Sample ID:**	1704124-001B
Project Name/Location:	Former Oakland Exxon / 2x103.G	**Sample Matrix:**	Aqueous
Project Number:			
Date/Time Sampled:	04/20/17 /		
SDG:			
Tag Number:	Former Oakland Exxon		

Prep Method:	3510_TPH	**Prep Batch Date/Time:**	4/21/17 9:49:00AM
Prep Batch ID:	6309	**Prep Analyst:**	MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	**0.353**	x	mg/L	04/26/17	10:59	MK	423771
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**120**		%	04/26/17	10:59	MK	423771

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

MB Summary Report

Work Order:	1704124	**Prep Method:**	3510_TPH	**Prep Date:**	04/21/17	**Prep Batch:**	6309
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423718
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.037	0.10	ND	
TPH as Motor Oil	0.11	0.40	ND	
Pentacosane (S)			108	

Work Order:	1704124	**Prep Method:**	5030VOC	**Prep Date:**	04/25/17	**Prep Batch:**	6379
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/25/2017	**Analytical Batch:**	423785
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	0.50	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	7.4	10	ND	
Diisopropyl ether (DIPE)	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	0.30	
Benzene	0.16	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704124	**Prep Method:**	5030VOC	**Prep Date:**	04/25/17	**Prep Batch:**	6379
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/25/2017	**Analytical Batch:**	423785
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethyl Benzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			95.2	
(S) Toluene-d8			86.9	
(S) 4-Bromofluorobenzene			86.9	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704124	**Prep Method:**	5030GRO	**Prep Date:**	04/25/17	**Prep Batch:**	6380
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/25/2017	**Analytical Batch:**	423785
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	29	50	ND		
(S) 4-Bromofluorobenzene			54.3		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704124	**Prep Method:**	5030VOC	**Prep Date:**	04/26/17	**Prep Batch:**	6381
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/26/2017	**Analytical Batch:**	423786
Units:	ug/L						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1704124	**Prep Method:**	5030VOC	**Prep Date:**	04/26/17	**Prep Batch:**	6381
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/26/2017	**Analytical Batch:**	423786
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.11	0.50	ND		
Bromoform	0.076	0.50	ND		
Isopropyl Benzene	0.22	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
Bromobenzene	0.15	0.50	ND		
1,1,2,2-Tetrachloroethane	0.079	0.50	ND		
2-Chlorotoluene	0.25	0.50	ND		
1,3,5-Trimethylbenzene	0.24	0.50	ND		
1,2,3-Trichloropropane	0.15	0.50	ND		
4-Chlorotoluene	0.22	0.50	ND		
tert-Butylbenzene	0.26	0.50	ND		
1,2,4-Trimethylbenzene	0.23	0.50	ND		
sec-Butyl Benzene	0.30	0.50	ND		
p-Isopropyltoluene	0.27	0.50	ND		
1,3-Dichlorobenzene	0.17	0.50	ND		
1,4-Dichlorobenzene	0.18	0.50	ND		
n-Butylbenzene	0.27	0.50	ND		
1,2-Dichlorobenzene	0.16	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND		
Hexachlorobutadiene	0.62	2.0	ND		
1,2,4-Trichlorobenzene	0.93	2.0	ND		
Naphthalene	1.2	2.0	ND		
1,2,3-Trichlorobenzene	1.2	2.0	ND		
(S) Dibromofluoromethane			112		
(S) Toluene-d8			95.7		
(S) 4-Bromofluorobenzene			96.5		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1704124	**Prep Method:**	3510_TPH	**Prep Date:**	04/21/17	**Prep Batch:**	6309
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/21/2017	**Analytical Batch:**	423718
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	ND	1.0	74.5	85.0	13.2	52 - 115	30	
Pentacosane (S)				200	112	113		59 - 129		

Work Order:	1704124	**Prep Method:**	5030VOC	**Prep Date:**	04/25/17	**Prep Batch:**	6379
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/25/2017	**Analytical Batch:**	423785
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	92.2	95.0	2.99	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	96.3	97.8	1.73	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	93.2	95.9	2.37	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	97.2	98.1	0.573	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	95.1	93.7	1.78	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	92.5	93.7		61.2 - 131		
(S) Toluene-d8				17.9	95.6	94.1		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	98.2	100		64.1 - 120		

Work Order:	1704124	**Prep Method:**	5030GRO	**Prep Date:**	04/25/17	**Prep Batch:**	6380
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/25/2017	**Analytical Batch:**	423785
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	109	109	0.385	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	97.5	97.9		41.5 - 125		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1704124	**Prep Method:**	5030VOC	**Prep Date:**	04/26/17	**Prep Batch:**	6381
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/26/2017	**Analytical Batch:**	423786
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	93.2	90.5	3.04	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	94.9	91.0	3.61	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	95.8	89.9	6.02	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	99.6	94.5	5.19	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	96.8	91.1	5.95	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	92.2	89.6		61.2 - 131		
(S) Toluene-d8				17.9	97.8	91.5		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	96.7	95.5		64.1 - 120		

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: Weber, Hayes & Associates

Project Name: Former Oakland Exxon / 2x103.G

Work Order No.: 1704124

Date and Time Received: 4/20/2017 12:49:00PM

Received By: Lorna Imbat

Physically Logged By: Lorna Imbat

Checklist Completed By:

Carrier Name: Client Drop Off

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?	No	Temperature:	14.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?				

pH Checked by: Lorna Imbat

pH Adjusted by: Lorna Imbat

Comments:

Login Summary Report

Client ID: TL5105 Weber, Hayes & Associates

Project Name: Former Oakland Exxon / 2x103.G

Project # :

Report Due Date: 4/27/2017

QC Level: II

TAT Requested: 5+ day:5

Date Received: 4/20/2017

Time Received: 12:49 pm

Comments:

Work Order # : ***1704124***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1704124-001A	DP-16	04/20/17	Water	06/04/17			EDF VOC_W_GRO VOC_W_PetE/PCE+	
Sample Note:	TPHg,BTEX,MTBE,TBA and Napthalene							
1704124-001B	DP-16	04/20/17	Water	06/04/17			TPHDO_W_8015B(M)	

Torrent LABORATORY, INC.

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN -OF-CUSTODY RECORD

1704124

1 OF 1

PROJECT NAME AND JOB #: Former Oakland Exxon / 2X103.G

SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney

ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

LABORATORY: Torrent Labs

TURNAROUND TIME: Standard 48hr Rush

GLOBAL I.D.: T0600100538

Sampler: Jered Chaney

Date: 4/20/17

Field Point Name (GeoTracker)	Sample I.D.	Date Sampled	Matrix	SAMPLE CONTAINERS				REQUESTED ANALYSIS							
								Total Petroleum Hydrocarbons			VOCs			Additional Analysis	
				40 mL VOAs (preserved)	1 L Amber Jar	500 mL plastic	Liner Acetate or Brass	TPH-diesel & motor oil w/ silica gel cleanup EPA Method# 8015M	TPH-diesel EPA Method 8015M	TPH-Gas by EPA Method 8260B	BTEX & MTBE by EPA Method 8260B	Napathalene by EPA Method 8260	TBA by EPA Method 8260B	Hex-Chrome by EPA Method 7199	Perchlorate by EPA Method 314.0
DP-16	DP-16	4/20/17	Aq	3	1				X	X	X	X	X	-001A/B	

	RELEASED BY:	Date & Time		RECEIVED BY:	Date & Time			SAMPLE CONDITION: (circle 1)	
1.)		4/20/17 1249	→	NAVIN G	4-20-17 12:49 PM	Ambient	Refrigerated	Frozen
2.)			→			Ambient	Refrigerated	Frozen
3.)			→			Ambient	Refrigerated	Frozen
4.)			→			Ambient	Refrigerated	Frozen
5.)			→			Ambient	Refrigerated	Frozen

NOTES:

[X] Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

Temp 14°C #1

D/O.

APPENDIX B

Laboratory Analytical Reports – Soil Samples

Date of Report: 04/27/2017

Jered Chaney

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Client Project:	Former Oakland Exxon / 2X103.G
BCL Project:	Misc - COELT
BCL Work Order:	1710646
Invoice ID:	B266075

Enclosed are the results of analyses for samples received by the laboratory on 4/20/2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Misty Orton
Client Service Rep

Authorized Signature

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Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN-OF-CUSTODY RECORD

1 OF 2

PROJECT NAME AND JOB #: Former Oakland Exxon / 2X103.G 17-10646

SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney

ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

LABORATORY: BC Labs

TURNAROUND TIME: (Standard) 48hr Rush

GLOBAL I.D.: T0600100538

Sampler: *Jered Chaney*

Date: 4/19/17

	Field Point Name (GeoTracker)	Sample I.D.	Date Sampled	Matrix	SAMPLE CONTAINERS: 40 mL VOAs (preserved) Smart Kits	1 L Amber Jar	500 mL plastic	Liner (Acetate or Brass)	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: TPH-diesel & motor oil w/ silica gel cleanup EPA Method# 8015M	TPH-diesel EPA Method 8015M	TPH-Gas by EPA Method 8260B	VOCs: BTEX & MTBE by EPA Method 8260B	Napathalene by EPA Method 8260	TBA by EPA Method 8260B	Additional Analysis: Hex-Chrome by EPA Method 7199	Perchlorate by EPA Method 314.0
1	DP-10	DP-10-d2	4/19/17	Soil				X 1		X	X	X	X	X		
2		DP-10-d4								X						
3		DP-10-d7														
4		DP-10-d8														
5		DP-10-d10														
6		DP-10-d15														
7		DP-10-d20														
8		DP-10-d25														
9	DP-11	DP-11-d2								X						
10		DP-11-d4								X						
11		DP-11-d7														
12		DP-11-d8														
13		DP-11-d10														
14		DP-11-d15														
15		DP-11-d20														

	RELEASED BY:	Date & Time	RECEIVED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.)		4/19/17 1501		4/19/17 1501	Ambient	(Refrigerated)	Frozen
2.)		4/19/17 1710		4.20.17 09:30	Ambient	Refrigerated	Frozen
3.)					Ambient	Refrigerated	Frozen
4.)					Ambient	Refrigerated	Frozen
5.)					Ambient	Refrigerated	Frozen

NOTES:

[X] *Please use MDL (Minimum Detection Limit) for any diluted samples.*

ADDITIONAL COMMENTS

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN -OF-CUSTODY RECORD

2 OF 2

PROJECT NAME AND JOB #: Former Oakland Exxon / 2X103.G 17-10646

SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney

ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

LABORATORY: BC Labs

TURNAROUND TIME: Standard 48hr Rush

GLOBAL I.D.: T0600100538

Sampler: *Jered Chaney*

Date: 4/19/17

Field Point Name (GeoTracker)	Sample I.D.	Date Sampled	Matrix	SAMPLE CONTAINERS: 40 mL VOAs (preserved) Smart Kits	1 L Amber Jar	500 mL plastic	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: TPH-diesel & motor oil w/ silica gel cleanup EPA Method# 8015M	TPH-diesel EPA Method 8015M	TPH-Gas by EPA Method 8260B	VOCs: BTEX & MTBE by EPA Method 8260B	Napathalene by EPA Method 8260	TBA by EPA Method 8260B	Additional Analysis: Hex-Chrome by EPA Method 7199	Perchlorate by EPA Method 314.0
16 DP-11	DP-11-d25	4/17/17	Soil				X			X	X	X	X		
17 DP-15	DP-15-d2								X						
18	DP-15-d4								X						
19	DP-15-d7														
20	DP-15-d8														
21	DP-15-d10														
22	DP-15-d15														
23	DP-15-d20														
24	DP-15-d25														

CHK BY

DISTRIBUTION

SUB-OUT

	RELEASED BY:	Date & Time	RECEIVED BY:	Date & Time
1.)		4/19/17 1501		4/19/17 1501
2.)	BCLWHDT	4/19/17 1710		4-20-17 09:30
3.)				
4.)				
5.)				

SAMPLE CONDITION: (circle 1)

Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:

[X] *Please use MDL (Minimum Detection Limit) for any diluted samples.*

ADDITIONAL COMMENTS

Chain of Custody and Cooler Receipt Form for 1710646 Page 3 of 5

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 5

Submission #: 17-10646

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☒ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .97 Container: Soil Sleeve Thermometer ID: 208 Date/Time: 4-20-17

Temperature: (A) 3.2 °C / (C) 3.5 °C Analyst Init: JD 09:30

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
oz. NITRATE / NITRITE										
T TOTAL ORGANIC CARBON										
T CHEMICAL OXYGEN DEMAND										
tA PHENOLICS										
0ml VOA VIAL TRAVEL BLANK										
0ml VOA VIAL										
T EPA 1664										
I ODOR										
ADIOLOGICAL										
ACTERIOLOGICAL										
ml VOA VIAL- 504										
I EPA 508/608/8080										
I EPA 515.1/8150										
I EPA 525										
EPA 525 TRAVEL BLANK										
nl EPA 547										
nl EPA 531.1										
EPA 548										
EPA 549										
EPA 8015M										
EPA 8270										
/ 16oz / 32oz AMBER										
/ 16oz / 32oz JAR										
L SLEEVE X02	A	A	A	A	A	A	A	A	A	A
VIAL										
STIC BAG										
LAR BAG										
ROUS IRON										
ORE										
RT KIT										
MA CANISTER										

ments:_____

ple Numbering Completed By: JDL Date/Time: 4-20-17 1117

Rev 21 05/23/2016

Chain of Custody and Cooler Receipt Form for 1710646 Page 4 of 5

BC LABORATORIES INC. JDL 42017 COOLER RECEIPT FORM Page 2 Of 3

Submission #: 1710646

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☒ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 97 Container: Soil Sleeve Thermometer ID: 208 Date/Time 4.20.17

Temperature: (A) 3.2 °C / (C) 3.5 °C Analyst Init JD 09:30

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
2oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
2oz / 16oz / 32oz AMBER										
2oz / 16oz / 32oz JAR										
SOIL SLEEVE X02	A	A	A	A	A	A	A	A	A	A
VOA VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: JDL 4-20-17 1117

Sample Numbering Completed By: Date/Time:

Rev 21 05/23/2016

Chain of Custody and Cooler Receipt Form for 1710646 Page 5 of 5

BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 Of 3

Submission #: 1710646

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☒ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 97 Container: Soil Sleeve Thermometer ID: 208 Date/Time: 4.20.17

Temperature: (A) 3.2 °C / (C) 3.5 °C Analyst Init: 09:30

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	NO	A	A	A	A					
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
5MART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: NO Date/Time: 4-20-17 1117 Rev 21 05/23/2016

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710646-01	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d2	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-02	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d4	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-03	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d7	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-04	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d8	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-05	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d10	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-06	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d15	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-07	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d20	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710646-08	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-10-d25	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-09	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d2	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-10	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d4	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-11	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d7	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-12	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d8	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-13	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d10	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-14	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d15	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710646-15	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d20	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-16	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-11-d25	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-17	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d2	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-18	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d4	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-19	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d7	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney/Dan Kocher of WHAW	**Sample Type:**	Soil
1710646-20	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d8	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-21	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d10	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710646-22	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d15	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710646-23	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d20	**Lab Matrix:**	Solids
	Sampled By:	WHAW	**Sample Type:**	Soil
1710646-24	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Fomer Oakland Exxon	**Sampling Date:**	04/19/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-15-d25	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-01 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d2, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.0027**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND	**J**	1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	**0.0049**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND	**J**	1
Total Xylenes	**0.0036**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND	**J**	1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.0036**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND	**J**	1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.029**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/25/17 22:12	ADC	MS-V2	1	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710646-01 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d2, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**32**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**A52**	1
Tetracosane (Surrogate)	95.2	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/27/17 15:59	RSM	GC-5	0.993	B[D2183

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-02 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d4, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.0023**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND	**J**	1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	88.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/25/17 22:34	ADC	MS-V2	1	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710646-02 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d4, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	mg/kg	10	1.2	Luft/TPHd	ND		1
Tetracosane (Surrogate)	90.9	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 13:58	RSM	GC-5	1.007	B[D2183

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-03 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d7, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	118	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/25/17 22:57	ADC	MS-V2	1	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-04 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d8, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	124	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/26/17 03:50	ADC	MS-V2	1	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-05 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d10, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.25	0.065	EPA-8260B	ND	A01	1
Ethylbenzene	**1.7**	**mg/kg**	**0.25**	**0.075**	**EPA-8260B**	ND	**A01**	1
Methyl t-butyl ether	ND	mg/kg	0.25	0.025	EPA-8260B	ND	A01	1
Naphthalene	**2.3**	**mg/kg**	**0.25**	**0.070**	**EPA-8260B**	ND	**A01**	1
Toluene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Xylenes	**3.0**	**mg/kg**	**0.50**	**0.17**	**EPA-8260B**	ND	**A01**	1
t-Butyl alcohol	ND	mg/kg	2.5	0.85	EPA-8260B	ND	A01	1
p- & m-Xylenes	**3.0**	**mg/kg**	**0.25**	**0.11**	**EPA-8260B**	ND	**A01**	1
o-Xylene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**130**	**mg/kg**	**20**	**2.0**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	117	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	109	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.7	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/27/17 00:38	ADC	MS-V2	50	B[D2008
2	EPA-8260B	04/21/17	04/27/17 12:07	ADC	MS-V2	100	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-06 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d15, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.046**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.22**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.21**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	**0.30**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.29**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.0059**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**40**	**mg/kg**	**10**	**1.0**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	121	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	111	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	106	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.9	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/26/17 05:21	ADC	MS-V2	1	B[D2008
2	EPA-8260B	04/21/17	04/27/17 01:01	ADC	MS-V2	50	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-07 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d20, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.072**	**mg/kg**	**0.25**	**0.065**	**EPA-8260B**	ND	**J,A01**	1
Ethylbenzene	**0.53**	**mg/kg**	**0.25**	**0.075**	**EPA-8260B**	ND	**A01**	1
Methyl t-butyl ether	ND	mg/kg	0.25	0.025	EPA-8260B	ND	A01	1
Naphthalene	**0.67**	**mg/kg**	**0.25**	**0.070**	**EPA-8260B**	ND	**A01**	1
Toluene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Xylenes	**1.4**	**mg/kg**	**0.50**	**0.17**	**EPA-8260B**	ND	**A01**	1
t-Butyl alcohol	ND	mg/kg	2.5	0.85	EPA-8260B	ND	A01	1
p- & m-Xylenes	**1.1**	**mg/kg**	**0.25**	**0.11**	**EPA-8260B**	ND	**A01**	1
o-Xylene	**0.24**	**mg/kg**	**0.25**	**0.060**	**EPA-8260B**	ND	**J,A01**	1
Total Purgeable Petroleum Hydrocarbons	**26**	**mg/kg**	**10**	**1.0**	**Luft-GC/MS**	ND	**A01**	1
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/26/17 23:31	ADC	MS-V2	50	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-08 | **Client Sample Name:** Fomer Oakland Exxon, DP-10-d25, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.093**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.0022**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND	**J**	1
Methyl t-butyl ether	**0.0028**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND	**J**	1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	**0.091**	**mg/kg**	**0.050**	**0.017**	**EPA-8260B**	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.084**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	127	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/26/17 04:13	ADC	MS-V2	1	B[D2008

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-09 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d2, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	**0.00050**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND	**J**	1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	117	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	89.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/21/17	04/25/17 23:20	ADC	MS-V2	1	B[D2008

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710646-09 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d2, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**6.9**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**J,A52**	1
Tetracosane (Surrogate)	92.6	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 14:56	RSM	GC-5	0.984	B[D2183

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-10 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d4, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	118	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	89.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/24/17	04/25/17 23:42	ADC	MS-V2	1	B[D2331

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710646-10 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d4, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**3.3**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**J,A52**	1
Tetracosane (Surrogate)	63.0	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 21:04	RSM	GC-5	1.003	B[D2183

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-11 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d7, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.0013**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND	**J**	1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/24/17	04/26/17 00:05	ADC	MS-V2	1	B[D2331

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-12 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d8, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.0014**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND	**J**	1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.030**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	114	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 00:27	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-13 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d10, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.25	0.065	EPA-8260B	ND	A01	1
Ethylbenzene	**0.093**	**mg/kg**	**0.25**	**0.075**	**EPA-8260B**	ND	**J,A01**	1
Methyl t-butyl ether	ND	mg/kg	0.25	0.025	EPA-8260B	ND	A01	1
Naphthalene	**0.30**	**mg/kg**	**0.25**	**0.070**	**EPA-8260B**	ND	**A01**	1
Toluene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Xylenes	ND	mg/kg	0.50	0.17	EPA-8260B	ND	A01	1
t-Butyl alcohol	ND	mg/kg	2.5	0.85	EPA-8260B	ND	A01	1
p- & m-Xylenes	ND	mg/kg	0.25	0.11	EPA-8260B	ND	A01	1
o-Xylene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**26**	**mg/kg**	**10**	**1.0**	**Luft-GC/MS**	ND	**A01**	1
1,2-Dichloroethane-d4 (Surrogate)	97.5	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/27/17 00:15	ADC	MS-V2	50	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-14 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d15, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.14**	**mg/kg**	**0.25**	**0.065**	**EPA-8260B**	ND	**J,A01**	1
Ethylbenzene	**0.41**	**mg/kg**	**0.25**	**0.075**	**EPA-8260B**	ND	**A01**	1
Methyl t-butyl ether	ND	mg/kg	0.25	0.025	EPA-8260B	ND	A01	1
Naphthalene	**1.2**	**mg/kg**	**0.25**	**0.070**	**EPA-8260B**	ND	**A01**	1
Toluene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Xylenes	ND	mg/kg	0.50	0.17	EPA-8260B	ND	A01	1
t-Butyl alcohol	ND	mg/kg	2.5	0.85	EPA-8260B	ND	A01	1
p- & m-Xylenes	ND	mg/kg	0.25	0.11	EPA-8260B	ND	A01	1
o-Xylene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**73**	**mg/kg**	**10**	**1.0**	**Luft-GC/MS**	ND	**A01**	1
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	106	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 23:53	ADC	MS-V2	50	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-15 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d20, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.36**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.097**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	**0.0062**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND		1
Naphthalene	**0.040**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.0079**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Xylenes	**0.15**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.13**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.026**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**2.1**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	129	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	113	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	109	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 04:35	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-16 | **Client Sample Name:** Fomer Oakland Exxon, DP-11-d25, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.23**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.0089**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	**0.016**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND		1
Naphthalene	**0.0084**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	**0.0035**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND	**J**	1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.0030**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND	**J**	1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.12**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.9	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	107	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 04:58	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-17 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d2, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	**0.0010**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND	**J**	1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	122	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	111	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 00:50	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710646-17 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d2, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**5.0**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**J,A52**	1
Tetracosane (Surrogate)	98.0	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 19:54	RSM	GC-5	1.010	B[D2183

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-18 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d4, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	122	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 01:12	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710646-18 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d4, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**4.0**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**J,A52**	1
Tetracosane (Surrogate)	85.6	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 20:08	RSM	GC-5	1.014	B[D2183

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-19 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d7, 4/19/2017 12:00:00AM, Jered Chaney/Dan Kocher

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	117	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 01:35	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-20 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d8, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	120	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	112	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 01:58	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-21 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d10, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	117	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 02:20	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-22 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d15, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	122	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 02:43	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-23 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d20, 4/19/2017 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	138	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.0	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 03:05	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710646-24 | **Client Sample Name:** Fomer Oakland Exxon, DP-15-d25, 4/19/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	**0.012**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.025**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	122	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/26/17 03:28	ADC	MS-V2	1	B[D2407

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Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2008						
Benzene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2008-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[D2008-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2008-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2008-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2008-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2008-BLK1**	**96.4**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2008-BLK1**	**97.8**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2008-BLK1**	**98.3**	%	**74 - 121 (LCL - UCL)**		
QC Batch ID: B[D2331						
Benzene	B[D2331-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2331-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2331-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2331-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2331-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[D2331-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2331-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2331-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2331-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2331-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2331-BLK1**	**104**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2331-BLK1**	**99.2**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2331-BLK1**	**96.1**	%	**74 - 121 (LCL - UCL)**		
QC Batch ID: B[D2407						
Benzene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2407-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0012	

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120 Westgate Drive
Watsonville, CA 95076

Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2407						
Total Xylenes	B[D2407-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2407-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2407-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2407-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2407-BLK1**	**107**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2407-BLK1**	**105**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2407-BLK1**	**88.8**	%	**74 - 121 (LCL - UCL)**		

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[D2008										
Benzene	B[D2008-BS1	LCS	0.13098	0.12500	mg/kg	105		70 - 130		
Toluene	B[D2008-BS1	LCS	0.11327	0.12500	mg/kg	90.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2008-BS1	LCS	0.050490	0.050000	mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	B[D2008-BS1	LCS	0.048230	0.050000	mg/kg	96.5		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2008-BS1	LCS	0.046720	0.050000	mg/kg	93.4		74 - 121		
QC Batch ID: B[D2331										
Benzene	B[D2331-BS1	LCS	0.12679	0.12500	mg/kg	101		70 - 130		
Toluene	B[D2331-BS1	LCS	0.12759	0.12500	mg/kg	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2331-BS1	LCS	0.050380	0.050000	mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	B[D2331-BS1	LCS	0.048610	0.050000	mg/kg	97.2		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2331-BS1	LCS	0.045990	0.050000	mg/kg	92.0		74 - 121		
QC Batch ID: B[D2407										
Benzene	B[D2407-BS1	LCS	0.12465	0.12500	mg/kg	99.7		70 - 130		
Toluene	B[D2407-BS1	LCS	0.12810	0.12500	mg/kg	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2407-BS1	LCS	0.050260	0.050000	mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	B[D2407-BS1	LCS	0.053920	0.050000	mg/kg	108		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2407-BS1	LCS	0.048010	0.050000	mg/kg	96.0		74 - 121		

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120 Westgate Drive
Watsonville, CA 95076

Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[D2008	Used client sample: N										
Benzene	MS	1705207-65	ND	0.12184	0.12500	mg/kg		97.5		70 - 130	
	MSD	1705207-65	ND	0.11750	0.12500	mg/kg	3.6	94.0	20	70 - 130	
Toluene	MS	1705207-65	ND	0.11108	0.12500	mg/kg		88.9		70 - 130	
	MSD	1705207-65	ND	0.10904	0.12500	mg/kg	1.9	87.2	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-65	ND	0.048950	0.050000	mg/kg		97.9		70 - 121	
	MSD	1705207-65	ND	0.049410	0.050000	mg/kg	0.9	98.8		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-65	ND	0.048670	0.050000	mg/kg		97.3		81 - 117	
	MSD	1705207-65	ND	0.050330	0.050000	mg/kg	3.4	101		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-65	ND	0.048770	0.050000	mg/kg		97.5		74 - 121	
	MSD	1705207-65	ND	0.048970	0.050000	mg/kg	0.4	97.9		74 - 121	
QC Batch ID: B[D2331	Used client sample: N										
Benzene	MS	1705207-69	ND	0.12494	0.12500	mg/kg		100		70 - 130	
	MSD	1705207-69	ND	0.14053	0.12500	mg/kg	11.7	112	20	70 - 130	
Toluene	MS	1705207-69	ND	0.12739	0.12500	mg/kg		102		70 - 130	
	MSD	1705207-69	ND	0.14459	0.12500	mg/kg	12.6	116	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-69	ND	0.052780	0.050000	mg/kg		106		70 - 121	
	MSD	1705207-69	ND	0.053670	0.050000	mg/kg	1.7	107		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-69	ND	0.050490	0.050000	mg/kg		101		81 - 117	
	MSD	1705207-69	ND	0.051460	0.050000	mg/kg	1.9	103		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-69	ND	0.049800	0.050000	mg/kg		99.6		74 - 121	
	MSD	1705207-69	ND	0.045100	0.050000	mg/kg	9.9	90.2		74 - 121	
QC Batch ID: B[D2407	Used client sample: N										
Benzene	MS	1705207-70	ND	0.13742	0.12500	mg/kg		110		70 - 130	
	MSD	1705207-70	ND	0.11769	0.12500	mg/kg	15.5	94.2	20	70 - 130	
Toluene	MS	1705207-70	ND	0.13769	0.12500	mg/kg		110		70 - 130	
	MSD	1705207-70	ND	0.12450	0.12500	mg/kg	10.1	99.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-70	ND	0.050750	0.050000	mg/kg		102		70 - 121	
	MSD	1705207-70	ND	0.050250	0.050000	mg/kg	1.0	100		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-70	ND	0.050750	0.050000	mg/kg		102		81 - 117	
	MSD	1705207-70	ND	0.051780	0.050000	mg/kg	2.0	104		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-70	ND	0.050070	0.050000	mg/kg		100		74 - 121	
	MSD	1705207-70	ND	0.047170	0.050000	mg/kg	6.0	94.3		74 - 121	

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2183						
Diesel Range Organics (C12 - C24)	B[D2183-BLK1	ND	mg/kg	10	1.2	
Tetracosane (Surrogate)	**B[D2183-BLK1**	**104**	%	**40 - 130 (LCL - UCL)**		

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Watsonville, CA 95076

Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[D2183										
Diesel Range Organics (C12 - C24)	B[D2183-BS1	LCS	71.689	82.508	mg/kg	86.9		58 - 131		
Tetracosane (Surrogate)	B[D2183-BS1	LCS	3.5637	3.3003	mg/kg	108		40 - 130		

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[D2183	Used client sample: N										
Diesel Range Organics (C12 - C24)	MS	1705207-53	ND	70.141	84.746	mg/kg		82.8		54 - 119	
	MSD	1705207-53	ND	71.070	83.612	mg/kg	1.3	85.0	30	54 - 119	
Tetracosane (Surrogate)	MS	1705207-53	ND	3.5937	3.3898	mg/kg		106		40 - 130	
	MSD	1705207-53	ND	3.5261	3.3445	mg/kg	1.9	105		40 - 130	

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 04/27/2017 17:34
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A52	Chromatogram not typical of diesel.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

Date of Report: 05/01/2017

Jered Chaney

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Client Project:	Former Oakland Exxon / 2X103.G
BCL Project:	Misc - COELT
BCL Work Order:	1710647
Invoice ID:	B266341

Enclosed are the results of analyses for samples received by the laboratory on 4/20/2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Misty Orton
Client Service Rep

Authorized Signature

Table of Contents

Table of Contents

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN-OF-CUSTODY RECORD

17-10647

1 OF 2

PROJECT NAME AND JOB #: Former Oakland Exxon / 2X103.G

LABORATORY: BC Labs

SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney

TURNAROUND TIME: Standard 48hr Rush

ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

GLOBAL I.D.: T0600100538

Sampler: *Jered Chaney*

Date: 4/18/17

	Field Point Name (GeoTracker)	Sample I.D.	Date Sampled	Matrix	SAMPLE CONTAINERS: 40 mL VOAs (preserved) Smart Kits	1 L Amber Jar	500 mL plastic	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: TPH-diesel & motor oil w/ silica gel cleanup EPA Method# 8015M	TPH-diesel EPA Method 8015M	TPH-Gas by EPA Method 8260B	VOCs: BTEX & MTBE by EPA Method 8260B	Napathalene by EPA Method 8260	TBA by EPA Method 8260B	Additional Analysis: Hex-Chrome by EPA Method 7199	Perchlorate by EPA Method 314.0
1	DP-12	DP-12-d2	4/18/17	Soil				X		X	X	X	X	X		
2		DP-12-d4								X						
3		DP-12-d7														
4		DP-12-d8														
5		DP-12-d10														
6		DP-12-d15														
7		DP-12-d20														
8	↓	DP-12-d25														
9	DP-13	DP-13-d2								X						
10		DP-13-d4								X						
11		DP-13-d7														
12		DP-13-d8														
13		DP-13-d10														
14		DP-13-d15														
15	↓	DP-13-d20	↓	↓				↓			↓	↓	↓	↓		

	RELEASED BY:	Date & Time		RECEIVED BY:	Date & Time
1.)		4/18/17 1630	→	BCL	4/18/17 1630
2.)	BCL VIA 24hr	4/19/17 1710	→		4-20-17 09:30
3.)			→		
4.)			→		
5.)			→		

SAMPLE CONDITION: (circle 1)

Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:

[X] *Please use MDL (Minimum Detection Limit) for any diluted samples.*

ADDITIONAL COMMENTS

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN -OF-CUSTODY RECORD

2 OF 2

PROJECT NAME AND JOB #: Former Oakland Exxon / 2X103.G 17-10647

SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney

ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

LABORATORY: BC Labs

TURNAROUND TIME: Standard 48hr Rush

GLOBAL I.D.: T0600100538

Sampler: *Jered Chaney*

Date: 4/18/17

Field Point Name (GeoTracker)	Sample I.D.	Date Sampled	Matrix	SAMPLE CONTAINERS: 40 mL VOAs (preserved) Smart Kits	1 L Amber Jar	500 mL plastic	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: TPH-diesel & motor oil w/ silica gel cleanup EPA Method# 8015M	TPH-diesel EPA Method 8015M	TPH-Gas by EPA Method 8260B	VOCs: BTEX & MTBE by EPA Method 8260B	Napthalene by EPA Method 8260	TBA by EPA Method 8260B	Additional Analysis: Hex-Chrome by EPA Method 7199	Perchlorate by EPA Method 314.0
16 DP-13	DP-13-d25	4/18/17	Soil				x1			x	x	x	x		
17 DP-14	DP-14-d12								x						
18	DP-14-d4								x						
19	DP-14-d7														
20	DP-14-d8														
21	DP-14-d10														
22	DP-14-d15														
23	DP-14-d20														
24	DP-14-d25														

CHK BY

DISTRIBUTION

SUB-OUT

	RELEASED BY:	Date & Time		RECEIVED BY:	Date & Time
1.)		4/18/17 1638	→	BC	4/18/17 1630
2.)	BC VIA FT	4/19/17 1710	→		4.20.17 09:30
3.)			→		
4.)			→		
5.)			→		

SAMPLE CONDITION: (Circle 1)

Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:

[X] *Please use MDL (Minimum Detection Limit) for any diluted samples.*

ADDITIONAL COMMENTS

Chain of Custody and Cooler Receipt Form for 1710647 Page 3 of 5

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 3

Submission #: 17-10647

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☒ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .97 Container: Soil Sleeve Thermometer ID: 208 Date/Time: 4.20.17

Temperature: (A) 3.2 °C / (C) 3.5 °C Analyst Init: SD 09:30

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
PE UNPRES										
/ 8oz / 16oz PE UNPRES										
Cr^{+6}										
INORGANIC CHEMICAL METALS										
RGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
CYANIDE										
NITROGEN FORMS										
TOTAL SULFIDE										
NITRATE / NITRITE										
TOTAL ORGANIC CARBON										
HEMICAL OXYGEN DEMAND										
PHENOLICS										
VOA VIAL TRAVEL BLANK										
VOA VIAL										
PA 1664										
DOR										
OLOGICAL										
ERIOLOGICAL										
VOA VIAL- 504										
A 508/608/8080										
A 515.1/8150										
A 525										
A 525 TRAVEL BLANK										
PA 547										
PA 531.1										
548										
549										
8015M										
8270										
z / 32oz AMBER										
z / 32oz JAR										
EEVE XD2	A	A	A	A	A	A	A	A	A	A
AL										
C BAG										
R BAG										
JS IRON										
E										
KIT										
CANISTER										

ts: 101 4-20-17 1121

Chain of Custody and Cooler Receipt Form for 1710647 Page 4 of 5

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 3

Submission #: 17-10647

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☒ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .97 Container: Soil Sleeve Thermometer ID: 208 Date/Time: 4.20.17

Temperature: (A) 3.2 °C / (C) 3.5 °C Analyst Init: JDL 09:30

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	~~10~~
PE UNPRES										
/ 8oz / 16oz PE UNPRES										
Cr^{+6}										
INORGANIC CHEMICAL METALS										
RGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
CYANIDE										
NITROGEN FORMS										
TOTAL SULFIDE										
NITRATE / NITRITE										
TOTAL ORGANIC CARBON										
HEMICAL OXYGEN DEMAND										
PHENOLICS										
VOA VIAL TRAVEL BLANK										
VOA VIAL										
PA 1664										
DOR										
OLOGICAL										
ERIOLOGICAL										
VOA VIAL- 504										
PA 508/608/8080										
PA 515.1/8150										
PA 525										
PA 525 TRAVEL BLANK										
PA 547										
PA 531.1										
A 548										
A 549										
A 8015M										
A 8270										
oz / 32oz AMBER										
oz / 32oz JAR										
LEEVE 402	A	A	A	A	A	A	A	A	A	A
AL										
C BAG										
R BAG										
US IRON										
E										
KIT										
CANISTER										

ts: JDL 4.20.17 1121

Chain of Custody and Cooler Receipt Form for 1710647 Page 5 of 5

BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 Of 3

Submission #: 17-10647

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☒ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .97 Container: Soil Sleeve Thermometer ID: 208 Date/Time: 4.20.17

Temperature: (A) 3.2 °C / (C) 3.5 °C Analyst Init: JDL 09:30

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
4oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
4oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
1A PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
PT EPA 508/608/8080										
PT EPA 515.1/8150										
PT EPA 525										
PT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
4oz EPA 548										
PT EPA 549										
PT EPA 8015M										
PT EPA 8270										
4oz / 16oz / 32oz AMBER										
4oz / 16oz / 32oz JAR										
SOIL SLEEVE X02	A	A	A	A						
VOB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: JDL 4-20-17 1121

Sample Numbering Completed By: Date/Time:

Rev 21 05/23/2016

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710647-01	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d2	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-02	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d4	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-03	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d7	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-04	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d8	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-05	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d10	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-06	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d15	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-07	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d20	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710647-08	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-12-d25	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-09	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d2	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-10	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d4	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-11	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d7	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-12	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d8	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-13	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d10	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-14	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d15	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710647-15	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d20	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-16	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-13-d25	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-17	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d2	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-18	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d4	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-19	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d7	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-20	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d8	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-21	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d10	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710647-22	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d15	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-23	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d20	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710647-24	**COC Number:**	---	**Receive Date:**	04/20/2017 09:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/18/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-14-d25	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-01 | **Client Sample Name:** Former Oakland Exxon, DP-12-d2, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	96.2	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	88.1	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/17	04/27/17 01:46	ADC	MS-V2	1	B[D2407

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710647-01 | **Client Sample Name:** Former Oakland Exxon, DP-12-d2, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**10**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**A52**	1
Tetracosane (Surrogate)	85.3	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 19:40	RSM	GC-5	1.010	B[D2183

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-02 | **Client Sample Name:** Former Oakland Exxon, DP-12-d4, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 02:09	ADC	MS-V2	1	B[D2008

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710647-02 | **Client Sample Name:** Former Oakland Exxon, DP-12-d4, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**5.7**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**J,A52**	1
Tetracosane (Surrogate)	88.7	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 20:22	RSM	GC-5	0.984	B[D2183

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-03 | **Client Sample Name:** Former Oakland Exxon, DP-12-d7, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 02:31	ADC	MS-V2	1	B[D2008

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-04 | **Client Sample Name:** Former Oakland Exxon, DP-12-d8, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	111	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 02:54	ADC	MS-V2	1	B[D2008

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-05 | **Client Sample Name:** Former Oakland Exxon, DP-12-d10, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 03:16	ADC	MS-V2	1	B[D2579

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-06 | **Client Sample Name:** Former Oakland Exxon, DP-12-d15, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.070**	**mg/kg**	**0.25**	**0.065**	**EPA-8260B**	ND	**J,A01**	1
Ethylbenzene	**1.6**	**mg/kg**	**0.25**	**0.075**	**EPA-8260B**	ND	**A01**	1
Methyl t-butyl ether	ND	mg/kg	0.25	0.025	EPA-8260B	ND	A01	1
Naphthalene	**1.6**	**mg/kg**	**0.25**	**0.070**	**EPA-8260B**	ND	**A01**	1
Toluene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Xylenes	**2.3**	**mg/kg**	**0.50**	**0.17**	**EPA-8260B**	ND	**A01**	1
t-Butyl alcohol	**1.6**	**mg/kg**	**2.5**	**0.85**	**EPA-8260B**	ND	**J,A01**	1
p- & m-Xylenes	**1.9**	**mg/kg**	**0.25**	**0.11**	**EPA-8260B**	ND	**A01**	1
o-Xylene	**0.41**	**mg/kg**	**0.25**	**0.060**	**EPA-8260B**	ND	**A01**	1
Total Purgeable Petroleum Hydrocarbons	**130**	**mg/kg**	**20**	**2.0**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	84.5	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	95.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.3	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/28/17 00:12	ADC	MS-V2	50	B[D2579
2	EPA-8260B	04/26/17	05/01/17 13:46	ADC	MS-V2	100	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-07 | **Client Sample Name:** Former Oakland Exxon, DP-12-d20, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.14**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.17**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.053**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.0065**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Xylenes	**0.10**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	**0.062**	**mg/kg**	**0.050**	**0.017**	**EPA-8260B**	ND		1
p- & m-Xylenes	**0.10**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.0044**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND	**J**	1
Total Purgeable Petroleum Hydrocarbons	**5.9**	**mg/kg**	**5.0**	**0.50**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	89.0	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	113	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.2	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	97.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.2	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/28/17 14:27	ADC	MS-V2	1	B[D2579
2	EPA-8260B	04/26/17	04/29/17 01:40	ADC	MS-V2	25	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-08 | **Client Sample Name:** Former Oakland Exxon, DP-12-d25, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	**0.00056**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND	**J**	1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	120	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	111	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 03:39	ADC	MS-V2	1	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-09 | **Client Sample Name:** Former Oakland Exxon, DP-13-d2, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 04:01	ADC	MS-V2	1	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710647-09 | **Client Sample Name:** Former Oakland Exxon, DP-13-d2, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**4.2**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**J,A52**	1
Tetracosane (Surrogate)	89.9	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 20:36	RSM	GC-5	1.017	B[D2183

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-10 | **Client Sample Name:** Former Oakland Exxon, DP-13-d4, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.9	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 04:24	ADC	MS-V2	1	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710647-10 | **Client Sample Name:** Former Oakland Exxon, DP-13-d4, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**8.5**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**J,A52**	1
Tetracosane (Surrogate)	87.6	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 20:50	RSM	GC-5	0.993	B[D2183

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-11 | **Client Sample Name:** Former Oakland Exxon, DP-13-d7, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	121	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	95.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 04:46	ADC	MS-V2	1	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-12 | **Client Sample Name:** Former Oakland Exxon, DP-13-d8, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	124	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/26/17	04/27/17 05:09	ADC	MS-V2	1	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-13 | **Client Sample Name:** Former Oakland Exxon, DP-13-d10, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.0067**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	**0.030**	**mg/kg**	**0.050**	**0.017**	**EPA-8260B**	ND	**J**	1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.77**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	115	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	109	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/27/17 15:54	ADC	MS-V2	1	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-14 | **Client Sample Name:** Former Oakland Exxon, DP-13-d15, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.33**	**mg/kg**	**0.25**	**0.065**	**EPA-8260B**	ND	**A01**	1
Ethylbenzene	**15**	**mg/kg**	**0.25**	**0.075**	**EPA-8260B**	ND	**A01**	1
Methyl t-butyl ether	ND	mg/kg	0.25	0.025	EPA-8260B	ND	A01	1
Naphthalene	**16**	**mg/kg**	**0.25**	**0.070**	**EPA-8260B**	ND	**A01**	1
Toluene	**0.068**	**mg/kg**	**0.25**	**0.060**	**EPA-8260B**	ND	**J,A01**	1
Total Xylenes	**170**	**mg/kg**	**10**	**3.4**	**EPA-8260B**	ND	**A01**	2
t-Butyl alcohol	ND	mg/kg	2.5	0.85	EPA-8260B	ND	A01	1
p- & m-Xylenes	**140**	**mg/kg**	**5.0**	**2.2**	**EPA-8260B**	ND	**A01**	2
o-Xylene	**27**	**mg/kg**	**5.0**	**1.2**	**EPA-8260B**	ND	**A01**	2
Total Purgeable Petroleum Hydrocarbons	**1400**	**mg/kg**	**200**	**20**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	85.2	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	119	%	81 - 117 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	111	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	89.4	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/27/17 23:50	ADC	MS-V2	50	B[D2579
2	EPA-8260B	04/27/17	05/01/17 15:15	ADC	MS-V2	1000	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-15 | **Client Sample Name:** Former Oakland Exxon, DP-13-d20, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.41**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.11**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.042**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.026**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Xylenes	**0.29**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	**0.086**	**mg/kg**	**0.050**	**0.017**	**EPA-8260B**	ND		1
p- & m-Xylenes	**0.18**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.11**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.75**	**mg/kg**	**0.40**	**0.040**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	119	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	87.4	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	109	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.7	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	104	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.7	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/27/17 16:17	ADC	MS-V2	1	B[D2579
2	EPA-8260B	04/27/17	05/01/17 14:30	ADC	MS-V2	2	B[D2579

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-16 | **Client Sample Name:** Former Oakland Exxon, DP-13-d25, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.026**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.0046**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND	**J**	1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.0057**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	**0.0073**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND	**J**	1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.0056**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.0017**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND	**J**	1
Total Purgeable Petroleum Hydrocarbons	**0.33**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/27/17 15:09	ADC	MS-V2	1	B[D2579

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-17 | **Client Sample Name:** Former Oakland Exxon, DP-14-d2, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	92.7	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 14:50	ADC	MS-V2	1	B[D2579

Weber, Hayes & Associates
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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710647-17 | **Client Sample Name:** Former Oakland Exxon, DP-14-d2, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**19**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**A52**	1
Tetracosane (Surrogate)	96.9	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/27/17 16:24	RSM	GC-5	1.017	B[D2183

Weber, Hayes & Associates
120 Westgate Drive
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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-18 | **Client Sample Name:** Former Oakland Exxon, DP-14-d4, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.4	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	94.1	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	82.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 17:50	ADC	MS-V2	1	B[D2641

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710647-18 | **Client Sample Name:** Former Oakland Exxon, DP-14-d4, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**11**	**mg/kg**	**10**	**1.2**	**Luft/TPHd**	ND	**A52**	1
Tetracosane (Surrogate)	94.1	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/20/17	04/21/17 21:18	RSM	GC-5	0.987	B[D2183

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-19 | **Client Sample Name:** Former Oakland Exxon, DP-14-d7, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.0014**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND	**J**	1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/27/17 13:38	ADC	MS-V2	1	B[D2641

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-20 | **Client Sample Name:** Former Oakland Exxon, DP-14-d8, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	94.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/27/17 14:01	ADC	MS-V2	1	B[D2641

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-21 | **Client Sample Name:** Former Oakland Exxon, DP-14-d10, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	119	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	115	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/24/17	04/27/17 14:23	ADC	MS-V2	1	B[D2233

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-22 | **Client Sample Name:** Former Oakland Exxon, DP-14-d15, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.25	0.065	EPA-8260B	ND	A01	1
Ethylbenzene	**4.4**	**mg/kg**	**0.25**	**0.075**	**EPA-8260B**	ND	**A01**	1
Methyl t-butyl ether	ND	mg/kg	0.25	0.025	EPA-8260B	ND	A01	1
Naphthalene	**7.9**	**mg/kg**	**0.25**	**0.070**	**EPA-8260B**	ND	**A01**	1
Toluene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Xylenes	**9.4**	**mg/kg**	**0.50**	**0.17**	**EPA-8260B**	ND	**A01**	1
t-Butyl alcohol	**3.0**	**mg/kg**	**2.5**	**0.85**	**EPA-8260B**	ND	**A01**	1
p- & m-Xylenes	**9.4**	**mg/kg**	**0.25**	**0.11**	**EPA-8260B**	ND	**A01**	1
o-Xylene	ND	mg/kg	0.25	0.060	EPA-8260B	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**410**	**mg/kg**	**200**	**20**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	87.1	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	87.1	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/24/17	04/27/17 23:27	ADC	MS-V2	50	B[D2233
2	EPA-8260B	04/24/17	04/28/17 13:42	ADC	MS-V2	1000	B[D2233

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-23 | **Client Sample Name:** Former Oakland Exxon, DP-14-d20, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.16**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.036**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	**0.0018**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND	**J**	1
Naphthalene	**0.012**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	**0.026**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.022**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.0044**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND	**J**	1
Total Purgeable Petroleum Hydrocarbons	**0.42**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	121	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	89.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/24/17	04/27/17 14:46	ADC	MS-V2	1	B[D2233

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710647-24 | **Client Sample Name:** Former Oakland Exxon, DP-14-d25, 4/18/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.11**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.014**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	**0.0061**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND		1
Naphthalene	**0.012**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.0034**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND	**J**	1
Total Xylenes	**0.025**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	**0.082**	**mg/kg**	**0.050**	**0.017**	**EPA-8260B**	ND		1
p- & m-Xylenes	**0.019**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.0061**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.33**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/27/17 15:32	ADC	MS-V2	1	B[D2641

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2008						
Benzene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2008-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[D2008-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2008-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2008-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2008-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2008-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2008-BLK1**	**96.4**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2008-BLK1**	**97.8**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2008-BLK1**	**98.3**	%	**74 - 121 (LCL - UCL)**		
QC Batch ID: B[D2233						
Benzene	B[D2233-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2233-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2233-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2233-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2233-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[D2233-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2233-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2233-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2233-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2233-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2233-BLK1**	**105**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2233-BLK1**	**107**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2233-BLK1**	**93.1**	%	**74 - 121 (LCL - UCL)**		
QC Batch ID: B[D2407						
Benzene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2407-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0012	

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Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2407						
Total Xylenes	B[D2407-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2407-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2407-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2407-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2407-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2407-BLK1**	**107**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2407-BLK1**	**105**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2407-BLK1**	**88.8**	%	**74 - 121 (LCL - UCL)**		
QC Batch ID: B[D2579						
Benzene	B[D2579-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2579-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2579-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2579-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2579-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[D2579-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2579-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2579-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2579-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2579-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2579-BLK1**	**105**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2579-BLK1**	**107**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2579-BLK1**	**89.6**	%	**74 - 121 (LCL - UCL)**		
QC Batch ID: B[D2641						
Benzene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2641-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[D2641-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2641-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2641-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2641-BLK1	ND	mg/kg	0.20	0.020	

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2641						
1,2-Dichloroethane-d4 (Surrogate)	B[D2641-BLK1	98.7	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	B[D2641-BLK1	104	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	B[D2641-BLK1	98.6	%	74 - 121 (LCL - UCL)		

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[D2008										
Benzene	B[D2008-BS1	LCS	0.13098	0.12500	mg/kg	105		70 - 130		
Toluene	B[D2008-BS1	LCS	0.11327	0.12500	mg/kg	90.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2008-BS1	LCS	0.050490	0.050000	mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	B[D2008-BS1	LCS	0.048230	0.050000	mg/kg	96.5		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2008-BS1	LCS	0.046720	0.050000	mg/kg	93.4		74 - 121		
QC Batch ID: B[D2233										
Benzene	B[D2233-BS1	LCS	0.16245	0.12500	mg/kg	130		70 - 130		
Toluene	B[D2233-BS1	LCS	0.15484	0.12500	mg/kg	124		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2233-BS1	LCS	0.053350	0.050000	mg/kg	107		70 - 121		
Toluene-d8 (Surrogate)	B[D2233-BS1	LCS	0.050640	0.050000	mg/kg	101		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2233-BS1	LCS	0.042950	0.050000	mg/kg	85.9		74 - 121		
QC Batch ID: B[D2407										
Benzene	B[D2407-BS1	LCS	0.12465	0.12500	mg/kg	99.7		70 - 130		
Toluene	B[D2407-BS1	LCS	0.12810	0.12500	mg/kg	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2407-BS1	LCS	0.050260	0.050000	mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	B[D2407-BS1	LCS	0.053920	0.050000	mg/kg	108		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2407-BS1	LCS	0.048010	0.050000	mg/kg	96.0		74 - 121		
QC Batch ID: B[D2579										
Benzene	B[D2579-BS1	LCS	0.12694	0.12500	mg/kg	102		70 - 130		
Toluene	B[D2579-BS1	LCS	0.14798	0.12500	mg/kg	118		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2579-BS1	LCS	0.051450	0.050000	mg/kg	103		70 - 121		
Toluene-d8 (Surrogate)	B[D2579-BS1	LCS	0.055920	0.050000	mg/kg	112		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2579-BS1	LCS	0.052920	0.050000	mg/kg	106		74 - 121		
QC Batch ID: B[D2641										
Benzene	B[D2641-BS1	LCS	0.11668	0.12500	mg/kg	93.3		70 - 130		
Toluene	B[D2641-BS1	LCS	0.12904	0.12500	mg/kg	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2641-BS1	LCS	0.046580	0.050000	mg/kg	93.2		70 - 121		
Toluene-d8 (Surrogate)	B[D2641-BS1	LCS	0.052340	0.050000	mg/kg	105		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2641-BS1	LCS	0.046880	0.050000	mg/kg	93.8		74 - 121		

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120 Westgate Drive
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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[D2008	Used client sample: N										
Benzene	MS	1705207-65	ND	0.12184	0.12500	mg/kg		97.5		70 - 130	
	MSD	1705207-65	ND	0.11750	0.12500	mg/kg	3.6	94.0	20	70 - 130	
Toluene	MS	1705207-65	ND	0.11108	0.12500	mg/kg		88.9		70 - 130	
	MSD	1705207-65	ND	0.10904	0.12500	mg/kg	1.9	87.2	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-65	ND	0.048950	0.050000	mg/kg		97.9		70 - 121	
	MSD	1705207-65	ND	0.049410	0.050000	mg/kg	0.9	98.8		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-65	ND	0.048670	0.050000	mg/kg		97.3		81 - 117	
	MSD	1705207-65	ND	0.050330	0.050000	mg/kg	3.4	101		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-65	ND	0.048770	0.050000	mg/kg		97.5		74 - 121	
	MSD	1705207-65	ND	0.048970	0.050000	mg/kg	0.4	97.9		74 - 121	
QC Batch ID: B[D2233	Used client sample: N										
Benzene	MS	1705207-68	ND	0.13337	0.12500	mg/kg		107		70 - 130	
	MSD	1705207-68	ND	0.15229	0.12500	mg/kg	13.2	122	20	70 - 130	
Toluene	MS	1705207-68	ND	0.13996	0.12500	mg/kg		112		70 - 130	
	MSD	1705207-68	ND	0.13934	0.12500	mg/kg	0.4	111	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-68	ND	0.053590	0.050000	mg/kg		107		70 - 121	
	MSD	1705207-68	ND	0.059250	0.050000	mg/kg	10.0	118		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-68	ND	0.054940	0.050000	mg/kg		110		81 - 117	
	MSD	1705207-68	ND	0.049610	0.050000	mg/kg	10.2	99.2		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-68	ND	0.049430	0.050000	mg/kg		98.9		74 - 121	
	MSD	1705207-68	ND	0.051140	0.050000	mg/kg	3.4	102		74 - 121	
QC Batch ID: B[D2407	Used client sample: N										
Benzene	MS	1705207-70	ND	0.13742	0.12500	mg/kg		110		70 - 130	
	MSD	1705207-70	ND	0.11769	0.12500	mg/kg	15.5	94.2	20	70 - 130	
Toluene	MS	1705207-70	ND	0.13769	0.12500	mg/kg		110		70 - 130	
	MSD	1705207-70	ND	0.12450	0.12500	mg/kg	10.1	99.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-70	ND	0.050750	0.050000	mg/kg		102		70 - 121	
	MSD	1705207-70	ND	0.050250	0.050000	mg/kg	1.0	100		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-70	ND	0.050750	0.050000	mg/kg		102		81 - 117	
	MSD	1705207-70	ND	0.051780	0.050000	mg/kg	2.0	104		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-70	ND	0.050070	0.050000	mg/kg		100		74 - 121	
	MSD	1705207-70	ND	0.047170	0.050000	mg/kg	6.0	94.3		74 - 121	
QC Batch ID: B[D2579	Used client sample: N										
Benzene	MS	1705207-71	ND	0.14482	0.12500	mg/kg		116		70 - 130	
	MSD	1705207-71	ND	0.13656	0.12500	mg/kg	5.9	109	20	70 - 130	
Toluene	MS	1705207-71	ND	0.15695	0.12500	mg/kg		126		70 - 130	
	MSD	1705207-71	ND	0.15461	0.12500	mg/kg	1.5	124	20	70 - 130	

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[D2579	Used client sample: N										
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-71	ND	0.057710	0.050000	mg/kg		115		70 - 121	
	MSD	1705207-71	ND	0.054450	0.050000	mg/kg	5.8	109		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-71	ND	0.052700	0.050000	mg/kg		105		81 - 117	
	MSD	1705207-71	ND	0.053930	0.050000	mg/kg	2.3	108		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-71	ND	0.052750	0.050000	mg/kg		106		74 - 121	
	MSD	1705207-71	ND	0.044550	0.050000	mg/kg	16.9	89.1		74 - 121	
QC Batch ID: B[D2641	Used client sample: N										
Benzene	MS	1705207-72	ND	0.12000	0.12500	mg/kg		96.0		70 - 130	
	MSD	1705207-72	ND	0.12089	0.12500	mg/kg	0.7	96.7	20	70 - 130	
Toluene	MS	1705207-72	ND	0.12405	0.12500	mg/kg		99.2		70 - 130	
	MSD	1705207-72	ND	0.13411	0.12500	mg/kg	7.8	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-72	ND	0.046920	0.050000	mg/kg		93.8		70 - 121	
	MSD	1705207-72	ND	0.049320	0.050000	mg/kg	5.0	98.6		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-72	ND	0.051290	0.050000	mg/kg		103		81 - 117	
	MSD	1705207-72	ND	0.053490	0.050000	mg/kg	4.2	107		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-72	ND	0.043970	0.050000	mg/kg		87.9		74 - 121	
	MSD	1705207-72	ND	0.047080	0.050000	mg/kg	6.8	94.2		74 - 121	

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120 Westgate Drive
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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2183						
Diesel Range Organics (C12 - C24)	B[D2183-BLK1	ND	mg/kg	10	1.2	
Tetracosane (Surrogate)	**B[D2183-BLK1**	**104**	%	**40 - 130 (LCL - UCL)**		

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120 Westgate Drive
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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[D2183										
Diesel Range Organics (C12 - C24)	B[D2183-BS1	LCS	71.689	82.508	mg/kg	86.9		58 - 131		
Tetracosane (Surrogate)	B[D2183-BS1	LCS	3.5637	3.3003	mg/kg	108		40 - 130		

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Reported: 05/01/2017 15:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[D2183	Used client sample: N										
Diesel Range Organics (C12 - C24)	MS	1705207-53	ND	70.141	84.746	mg/kg		82.8		54 - 119	
	MSD	1705207-53	ND	71.070	83.612	mg/kg	1.3	85.0	30	54 - 119	
Tetracosane (Surrogate)	MS	1705207-53	ND	3.5937	3.3898	mg/kg		106		40 - 130	
	MSD	1705207-53	ND	3.5261	3.3445	mg/kg	1.9	105		40 - 130	

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Reported: 05/01/2017 15:58
Project: Misc - COELT
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Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A52	Chromatogram not typical of diesel.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

Date of Report: 05/02/2017

Jered Chaney

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Client Project:	Former Oakland Exxon / 2X103.G
BCL Project:	Misc - COELT
BCL Work Order:	1710873
Invoice ID:	B266376

Enclosed are the results of analyses for samples received by the laboratory on 4/21/2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Misty Orton
Client Service Rep

Authorized Signature

Table of Contents

Weber, Hayes & Associates

Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 Fax: (831) 722-1159
www.weber-hayes.com

CHAIN -OF-CUSTODY RECORD

1 OF 1

PROJECT NAME AND JOB #: Former Oakland Exxon / 2X103.G

SEND CERTIFIED RESULTS TO: Weber, Hayes & Associates - Attention: Jered Chaney

ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

LABORATORY: BC Labs

TURNAROUND TIME: Standard (circled) 48hr Rush

GLOBAL I.D.: T0600100538

Sampler: Jered Chaney

Date: 4/20/17

17-10873

Field Point Name (GeoTracker)	Sample I.D.	Date Sampled	Matrix	SAMPLE CONTAINERS: 40 mL VOAs (preserved) Smart Kits	1 L Amber Jar	500 mL plastic	Liner Acetate or Brass	REQUESTED ANALYSIS – Total Petroleum Hydrocarbons: TPH-diesel & motor oil w/ silica gel cleanup EPA Method# 8015M	TPH-diesel EPA Method 8015M	TPH-Gas by EPA Method 8260B	VOCs: BTEX & MTBE by EPA Method 8260B	Napathalene by EPA Method 8260	TBA by EPA Method 8260B	Additional Analysis: Hex-Chrome by EPA Method 7199	Perchlorate by EPA Method 314.0
DP-16 -1	DP-16-d2	4/20/17	Soil				x1		X	X	X	X	X		
-2	DP-16-d4	↓	↓						X	↓	↓	↓	↓		
-3	DP-16-d7														
-4	DP-16-d8														
-5	DP-16-d10														
-6	DP-16-d12														
-7	DP-16-d14														
-8	DP-16-d16														
-9	DP-16-d18														
-10	DP-16-d20														
-11 ↓	DP-16-d25	↓	↓							↓	↓	↓	↓		

	RELEASED BY:	Date & Time		RECEIVED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.)	[signature]	4/20/17 1340	→	[signature] BCL	4/20/17 1340	Ambient	Refrigerated (circled)	Frozen
2.)	[signature] BCL	4/21/17 1401	→	[signature] Bogan	4-21-17 1401	Ambient	Refrigerated	Frozen
3.)	[signature] Bogan	4-21-17 1730	→	[signature]	4/21/17 1745	Ambient	Refrigerated	Frozen
4.)	[signature]	4/21/17 2130	→	[signature]	4-21 2130	Ambient	Refrigerated	Frozen
5.)			→			Ambient	Refrigerated	Frozen

NOTES:

[X] *Please use MDL (Minimum Detection Limit) for any diluted samples.*

ADDITIONAL COMMENTS

CHK BY [initials] DISTRIBUTION ~~MAIB~~ | DJMSUM SUB-OUT [ ]

KG 4/24

Chain of Custody and Cooler Receipt Form for 1710873 Page 2 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 2

Submission #: 17-10873

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ (Intact? Yes ☐ No ☐) Containers ☐ (Intact? Yes ☐ No ☐) None ☒ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☐ No ☑

COC Received ☒ YES ☐ NO

Emissivity: 0.98 Container: clear glass Thermometer ID: 208 Date/Time: 4/21 2130

Temperature: (A) 3.5 °C / (C) 3.4 °C Analyst Init: GSP

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: No time on soil sleeves

Sample Numbering Completed By: KJJ Date/Time: 4-24-17 0815

Rev 21 05/23/2016

Chain of Custody and Cooler Receipt Form for 1710873 Page 3 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 2

Submission #: 17-10873

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☐ No ☑

COC Received ☒ YES ☐ NO

Emissivity: 0.98 Container clear glass Thermometer ID: 208 Date/Time 4/21 2130

Temperature: (A) 3.5 °C / (C) 3.4 °C Analyst Init GSP

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	A									
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: No time on soil sleeves.

Sample Numbering Completed By: KJB Date/Time: 4.24.17 0815

Rev 21 05/23/2016

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710873-01	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d2	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-02	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d4	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-03	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d7	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-04	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d8	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-05	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d10	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-06	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d12	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-07	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d14	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1710873-08	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d16	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-09	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d18	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-10	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d20	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil
1710873-11	**COC Number:**	---	**Receive Date:**	04/21/2017 21:30
	Project Number:	Former Oakland Exxon	**Sampling Date:**	04/20/2017 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DP-16-d25	**Lab Matrix:**	Solids
	Sampled By:	Jered Chaney of WHAW	**Sample Type:**	Soil

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-01 | **Client Sample Name:** Former Oakland Exxon, DP-16-d2, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 01:43	ADC	MS-V2	1	B[D2641

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710873-01 | **Client Sample Name:** Former Oakland Exxon, DP-16-d2, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	mg/kg	10	1.2	Luft/TPHd	ND		1
Tetracosane (Surrogate)	79.9	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/24/17	04/25/17 18:39	AS1	GC-2	0.990	B[D2414

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-02 | **Client Sample Name:** Former Oakland Exxon, DP-16-d4, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	87.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 02:06	ADC	MS-V2	1	B[D2641

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120 Westgate Drive
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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Total Petroleum Hydrocarbons

BCL Sample ID: 1710873-02 | **Client Sample Name:** Former Oakland Exxon, DP-16-d4, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	mg/kg	10	1.2	Luft/TPHd	ND		1
Tetracosane (Surrogate)	78.2	%	40 - 130 (LCL - UCL)		Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	04/24/17	04/25/17 19:02	AS1	GC-2	0.993	B[D2414

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-03 | **Client Sample Name:** Former Oakland Exxon, DP-16-d7, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	90.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 02:28	ADC	MS-V2	1	B[D2641

Weber, Hayes & Associates
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Watsonville, CA 95076

Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-04 | **Client Sample Name:** Former Oakland Exxon, DP-16-d8, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.3	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 02:51	ADC	MS-V2	1	B[D2641

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-05 | **Client Sample Name:** Former Oakland Exxon, DP-16-d10, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.18**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	98.2	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	92.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	82.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 03:14	ADC	MS-V2	1	B[D2641

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-06 | **Client Sample Name:** Former Oakland Exxon, DP-16-d12, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.035**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.16**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.0075**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	**0.029**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.028**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.61**	**mg/kg**	**0.40**	**0.040**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	109	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	96.3	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	99.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.6	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 03:36	ADC	MS-V2	1	B[D2641
2	EPA-8260B	04/27/17	05/02/17 11:48	ADC	MS-V2	2	B[D2641

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120 Westgate Drive
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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-07 | **Client Sample Name:** Former Oakland Exxon, DP-16-d14, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.40**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.39**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.26**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.028**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Xylenes	**4.3**	**mg/kg**	**2.0**	**0.68**	**EPA-8260B**	ND	**A01**	2
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**4.2**	**mg/kg**	**1.0**	**0.44**	**EPA-8260B**	ND	**A01**	2
o-Xylene	ND	mg/kg	1.0	0.24	EPA-8260B	ND	A01	2
Total Purgeable Petroleum Hydrocarbons	**110**	**mg/kg**	**40**	**4.0**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	95.5	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	123	%	81 - 117 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	107	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.8	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 03:59	ADC	MS-V2	1	B[D2641
2	EPA-8260B	04/27/17	04/28/17 23:04	ADC	MS-V2	200	B[D2641

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Reported: 05/02/2017 12:58
Project: Misc - COELT
Project Number: Former Oakland Exxon / 2X103.G
Project Manager: Jered Chaney

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-08 | **Client Sample Name:** Former Oakland Exxon, DP-16-d16, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.13**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.16**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.14**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.031**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Xylenes	**0.75**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.59**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.17**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**14**	**mg/kg**	**5.0**	**0.50**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	84.9	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	98.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.4	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 04:22	ADC	MS-V2	1	B[D2641
2	EPA-8260B	04/27/17	05/01/17 16:45	ADC	MS-V2	25	B[D2641

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Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-09 | **Client Sample Name:** Former Oakland Exxon, DP-16-d18, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.23**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.18**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.16**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.033**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Xylenes	**0.84**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.67**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.17**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.52**	**mg/kg**	**0.40**	**0.040**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	95.5	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	98.2	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	120	%	81 - 117 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	98.6	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	94.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	89.3	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 04:44	ADC	MS-V2	1	B[D2641
2	EPA-8260B	04/27/17	05/02/17 11:26	ADC	MS-V2	2	B[D2641

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Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-10 | **Client Sample Name:** Former Oakland Exxon, DP-16-d20, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.35**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.10**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	**0.046**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.040**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Xylenes	**0.40**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	**0.041**	**mg/kg**	**0.050**	**0.017**	**EPA-8260B**	ND	**J**	1
p- & m-Xylenes	**0.30**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.097**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**1.0**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	91.3	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	87.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 05:07	ADC	MS-V2	1	B[D2641

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Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1710873-11 | **Client Sample Name:** Former Oakland Exxon, DP-16-d25, 4/20/2017 12:00:00AM, Jered Chaney

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.047**	**mg/kg**	**0.0050**	**0.0013**	**EPA-8260B**	ND		1
Ethylbenzene	**0.0086**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND		1
Methyl t-butyl ether	**0.0060**	**mg/kg**	**0.0050**	**0.00050**	**EPA-8260B**	ND		1
Naphthalene	**0.010**	**mg/kg**	**0.0050**	**0.0014**	**EPA-8260B**	ND		1
Toluene	**0.0025**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND	**J**	1
Total Xylenes	**0.033**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	**0.027**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND		1
o-Xylene	**0.0059**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.11**	**mg/kg**	**0.20**	**0.020**	**Luft-GC/MS**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	89.0	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/27/17	04/28/17 05:30	ADC	MS-V2	1	B[D2641

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2641						
Benzene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0015	
Methyl t-butyl ether	B[D2641-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0014	
Toluene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[D2641-BLK1	ND	mg/kg	0.010	0.0034	
t-Butyl alcohol	B[D2641-BLK1	ND	mg/kg	0.050	0.017	
p- & m-Xylenes	B[D2641-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[D2641-BLK1	ND	mg/kg	0.0050	0.0012	
Total Purgeable Petroleum Hydrocarbons	B[D2641-BLK1	ND	mg/kg	0.20	0.020	
1,2-Dichloroethane-d4 (Surrogate)	**B[D2641-BLK1**	**98.7**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[D2641-BLK1**	**104**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[D2641-BLK1**	**98.6**	%	**74 - 121 (LCL - UCL)**		

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[D2641										
Benzene	B[D2641-BS1	LCS	0.11668	0.12500	mg/kg	93.3		70 - 130		
Toluene	B[D2641-BS1	LCS	0.12904	0.12500	mg/kg	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[D2641-BS1	LCS	0.046580	0.050000	mg/kg	93.2		70 - 121		
Toluene-d8 (Surrogate)	B[D2641-BS1	LCS	0.052340	0.050000	mg/kg	105		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[D2641-BS1	LCS	0.046880	0.050000	mg/kg	93.8		74 - 121		

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[D2641	Used client sample: N										
Benzene	MS	1705207-72	ND	0.12000	0.12500	mg/kg		96.0		70 - 130	
	MSD	1705207-72	ND	0.12089	0.12500	mg/kg	0.7	96.7	20	70 - 130	
Toluene	MS	1705207-72	ND	0.12405	0.12500	mg/kg		99.2		70 - 130	
	MSD	1705207-72	ND	0.13411	0.12500	mg/kg	7.8	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1705207-72	ND	0.046920	0.050000	mg/kg		93.8		70 - 121	
	MSD	1705207-72	ND	0.049320	0.050000	mg/kg	5.0	98.6		70 - 121	
Toluene-d8 (Surrogate)	MS	1705207-72	ND	0.051290	0.050000	mg/kg		103		81 - 117	
	MSD	1705207-72	ND	0.053490	0.050000	mg/kg	4.2	107		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1705207-72	ND	0.043970	0.050000	mg/kg		87.9		74 - 121	
	MSD	1705207-72	ND	0.047080	0.050000	mg/kg	6.8	94.2		74 - 121	

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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[D2414						
Diesel Range Organics (C12 - C24)	B[D2414-BLK1	ND	mg/kg	10	1.2	
Tetracosane (Surrogate)	**B[D2414-BLK1**	**81.3**	%	**40 - 130 (LCL - UCL)**		

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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[D2414										
Diesel Range Organics (C12 - C24)	B[D2414-BS1	LCS	72.339	83.893	mg/kg	86.2		58 - 131		
Tetracosane (Surrogate)	B[D2414-BS1	LCS	3.1025	3.3557	mg/kg	92.5		40 - 130		

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Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[D2414	Used client sample: Y - Description: DP-16-d4, 04/20/2017 00:00										
Diesel Range Organics (C12 - C24)	MS	1710873-02	ND	67.779	83.893	mg/kg		80.8		54 - 119	
	MSD	1710873-02	ND	70.595	84.459	mg/kg	4.1	83.6	30	54 - 119	
Tetracosane (Surrogate)	MS	1710873-02	ND	3.0785	3.3557	mg/kg		91.7		40 - 130	
	MSD	1710873-02	ND	3.1316	3.3784	mg/kg	1.7	92.7		40 - 130	

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Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

APPENDIX C

Boring Logs

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 19, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Juan & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-10**

Sheet 1 of 2

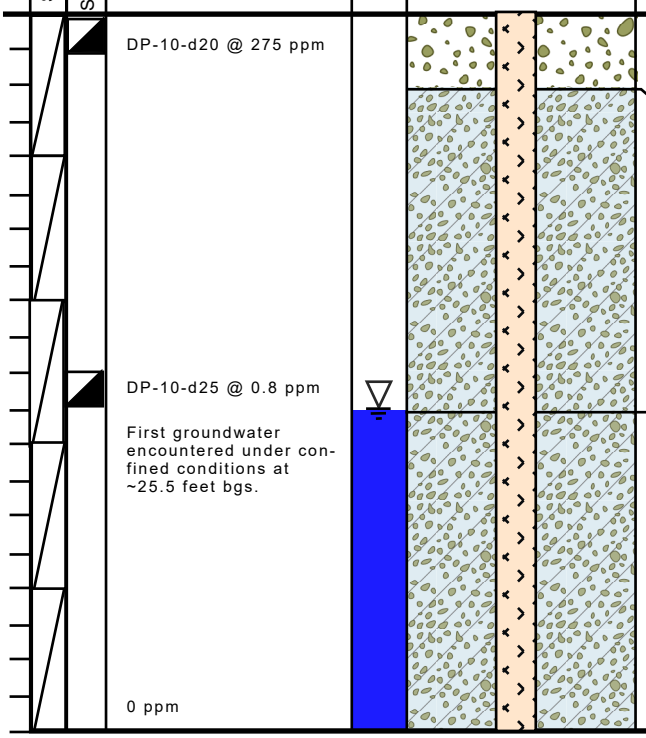
Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
0						SM	**Silty SAND w/ Gravel,** dark brown (10YR 3/3), wet, appears medium dense, 60-70% fine to medium sand, 20-30% silt fines, ~10% fine to medium gravels, no odor, no discoloration.
1							- Gradational contact.
2			DP-10-d2 @ 0 ppm			SC	**Clayey SAND,** very dark brown (10YR 2/2), dry to damp, appears medium dense, slightly plastic, 60-70% fine to medium sand, trace coarse sand, trace localized fine gravel, 30-40% clay fines, no odor, no discoloration.
3							- Gradational contact.
4			DP-10-d4 @ 0 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, trace odor, no apparent discoloration.
5							
6							
7			DP-10-d7 @ 0 ppm				- Generally same as above.
8			DP-10-d8 @ 0 ppm Depth to groundwater ~1.5 hours following boring completion measured at ~8 feet bgs.				- Gradational contact
9							
10			DP-10-d10 @ 0 ppm			SC	**Sandy CLAY w/ Gravel,** dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 25-30% fine to medium sand, some coarse sand, 10-15% fine subangular to subrounded gravels, trace to low odor below ~10 feet bgs, no discoloration.
11							
12							
13							
14							
15			DP-10-d15 @ 0 ppm				- Gradational contact.
16						SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, trace to low odor, no apparent discoloration.
17							
18							- Moderate hydrocarbon odor.
19							
20							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Jose & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-10**



USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, moderate odor, no apparent discoloration. - Gradational contact.
SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, low odor, no discoloration. - Sand content decreasing to <15-20% - Gradational contact.
SC	**Clayey SAND,** dominantly olive brown (2.5Y 4/4), very moist to slightly wet, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-30% clay/silt fines, trace fine gravels, no odor, no apparent discoloration. - Clay content decreasing to <10-15% - Formation appears to become less wet with depth.

- Terminate boring at 30 feet bgs.

- Insert 5 feet of 3/4-inch PVC 0.010-slot screen (screened interval from 25-30 feet bgs). Collect grab groundwater sample via peristaltic pump and new poly tubing.

- Seal borehole with neat cement grout following sample collection.

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 19, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Juan & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-11**

Sheet 1 of 2

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
0						SM	**Silty SAND w/ Gravel,** dark brown (10YR 3/3), very moist, appears medium dense, 60-70% fine to medium sand, 20-30% silt fines, ~10% fine to medium gravels, no odor, no discoloration.
1							- Gradational contact.
2			DP-11-d2 @ 0 ppm			SC	**Clayey SAND,** very dark brown (10YR 2/2), dry to damp, appears medium dense, slightly plastic, 60-70% fine to medium sand, trace coarse sand, trace localized fine gravel, 30-40% clay fines, no odor, no discoloration. Gradational contact.
3							
4			DP-11-d4 @ 0 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, trace odor, no apparent discoloration.
5							
6							
7			DP-11-d7 @ 0 ppm				- Generally same as above.
8			DP-11-d8 @ 0 ppm	▼			
9			Depth to groundwater ~3 hours following boring completion measured at ~8.3 feet bgs.				
10			DP-11-d10 @ 39.5 ppm				- Gradational contact
11						SC	**Sandy CLAY w/ Gravel,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 25-30% fine to medium sand, some coarse sand, 10-15% fine subangular to subrounded gravels, low odor below ~10 feet bgs, no discoloration.
12							
13							
14							- Gradational contact.
15			DP-11-d15 @ 89.2 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-5% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, low to moderate odor, no apparent discoloration.
16							- Gradational contact.
17						SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, low to moderate odor, no discoloration.
18							
19							
20							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Jose & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-11**

Sheet 2 of 2

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
20			DP-11-d20 @ 165 ppm			SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, moderate odor, no discoloration. - Gradational contact.
21							
22						SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 30-40% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 20-30% clay/silt fines, trace to low odor, no discoloration. - Gradational contact.
23							
24						SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels (locally increase sand/gravel at 23 feet), trace odor, no discoloration. - <5% sand from ~24 to 25.5 feet bgs - Gradational contact.
25			DP-11-d25 @ 6.4 ppm				
26							
27			First groundwater encountered under confined conditions at ~27 feet bgs.			SC	**Clayey SAND,** dominantly olive brown (2.5Y 4/4), very moist to wet, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-30% clay/silt fines, ~10% decreasing to trace fine gravels with depth, no odor, no apparent discoloration.
28							
29							
30			0 ppm				
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

- Terminate boring at 30 feet bgs.

- Insert 5 feet of 3/4-inch PVC 0.010-slot screen (screened interval from 25-30 feet bgs). Collect grab groundwater sample via peristaltic pump and new poly tubing.

- Seal borehole with neat cement grout following sample collection.

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Juan & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-12**

Sheet 1 of 2

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
0						SM	**Silty SAND w/ Gravel,** dark brown (10YR 3/3), wet to saturated, appears medium dense, 60-70% fine to medium sand, 20-30% silt fines, ~10% fine to medium gravels, no odor, no discoloration - Gradational contact.
2			DP-12-d2 @ 0 ppm			SC	**Clayey SAND,** very dark brown (10YR 2/2), damp, appears medium dense, slightly plastic, 60-70% fine to medium sand, trace coarse sand, trace localized fine gravel, 30-40% clay fines, no odor, no discoloration. Gradational contact.
4			DP-12-d4 @ 0 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10-15% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, trace odor, no apparent discoloration.
5			Depth to groundwater ~2 hours following boring completion measured at ~7.1 feet bgs.				
7			DP-12-d7 @ 0 ppm				- Generally same as above.
8			DP-12-d8 @ 0 ppm				
10			DP-12-d10 @ 0 ppm				- Gradational contact
11						SC	**Sandy Lean CLAY w/ Gravel,** dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 25-30% fine to medium sand, some coarse sand, 10-15% fine subangular to subrounded gravels, trace to low odor, no discoloration. - Gradational contact.
13						SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, trace to low odor, no apparent discoloration.
15			DP-12-d15 @ 0 ppm				- Gradational contact.
17						SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, trace to low odor, no discoloration.
20							

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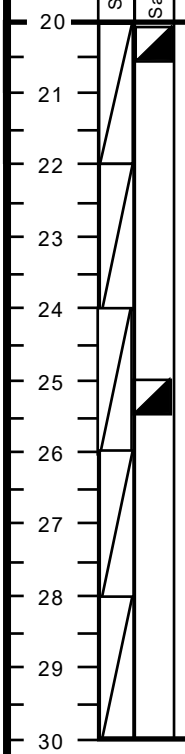
GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X620 DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Jose & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-12**
Sheet 2 of 2



Sandy CLAY, dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, low to moderate odor, no discoloration.

- Sand content decreasing with depth (~20-30%)

- Gradational contact.

Clayey SAND, dominantly olive brown (2.5Y 4/4), very moist, becoming sightly wet, appears medium dense, 60-70% fine to medium sand, up to 10% coarse sand, 20-25% clay/silt fines, trace fine gravels, no odor, no discoloration.

- Terminate boring at 30 feet bgs.

- Insert 5 feet of 3/4-inch PVC 0.010-slot screen (screened interval from 25-30 feet bgs). Collect grab groundwater sample via peristaltic pump and new poly tubing.

- Seal borehole with neat cement grout following sample collection.

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Juan & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-13**
Sheet 1 of 2

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
0						SM	**Silty SAND w/ Gravel,** dark brown (10YR 3/3), wet to saturated, appears medium dense, 60-70% fine to medium sand, 20-30% silt fines, ~10% fine to medium gravels, no odor, no discoloration.
1							- Gradational contact.
2			DP-13-d2 @ 0 ppm			SC	**Clayey SAND,** very dark brown (10YR 2/2), damp, appears medium dense, slightly plastic, 60-70% fine to medium sand, trace coarse sand, trace localized fine gravel, 30-40% clay fines, no odor, no discoloration. Gradational contact.
3						SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, no odor, no discoloration.
4			DP-13-d4 @ 0 ppm				
5							
6							
7			DP-13-d7 @ 0 ppm				- Generally same as above.
8			DP-13-d8 @ 0 ppm				
9							
10			DP-13-d10 @ 22.8 ppm				
11			Depth to groundwater ~1.5 hours following boring completion measured at ~11.5 feet bgs.	▼			- Low hydrocarbon odor.
12							- Gradational contact
13						SW	**Sandy CLAY w/ Gravel,** dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 25-30% fine to medium sand, some coarse sand, 10-15% fine subangular to subrounded gravels, low to moderate odor, no discoloration.
14							
15			DP-13-d15 @ 340 ppm				- Moderate to strong hydrocarbon odor.
16							
17							- Gradational contact.
18						SC	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, moderate odor, no apparent discoloration.
19							
20							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Jose & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-13**

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
20			DP-13-d20 @ 3.1 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, trace odor, no discoloration. Gradational contact.
21							
22						SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, low to moderate odor, no discoloration.
23							
24							
25			DP-13-d25 @ 0.9 ppm				- Coarse sand content increasing with depth; 10-15%
26							
27			First groundwater encountered under confined conditions at ~27.5 feet bgs.				- Gradational contact.
28						SW	**Clayey SAND,** dominantly olive brown (2.5Y 4/4), very moist to slightly wet, appears medium dense, 50-60% fine to medium sand, up to 10-15% coarse sand, 20-25% clay/silt fines, trace fine gravels, no odor, no apparent discoloration.
29							
30			0 ppm				
31							- Terminate boring at 30 feet bgs.
32							- Insert 5 feet of 3/4-inch PVC 0.010-slot screen (screened interval from 25-30 feet bgs). Collect grab groundwater sample via peristaltic pump and new poly tubing.
33							
34							- Seal borehole with neat cement grout following sample collection.
35							
36							
37							
38							
39							
40							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Juan & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-14**
Sheet 1 of 2

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
0						SM	**Silty SAND w/ Gravel,** dark brown (10YR 3/3), wet to saturated, appears medium dense, 60-70% fine to medium sand, 20-30% silt fines, ~10% fine to medium gravels, no odor, no discoloration - Gradational contact.
2			DP-14-d2 @ 0 ppm			SC	**Clayey SAND,** very dark brown (10YR 2/2), dry to damp, appears medium dense, slightly plastic, 60-70% fine to medium sand, trace coarse sand, trace localized fine gravel, 30-40% clay fines, no odor, no discoloration. - Gradational contact.
4			DP-14-d4 @ 0 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, no odor, no discoloration.
7			DP-14-d7 @ 0 ppm				
8			DP-13-d8 @ 0 ppm Depth to groundwater ~16.5 hours following boring completion measured at ~8.5 feet bgs.	▼			- Generally same as above.
10			DP-14-d10 @ 0 ppm				- Gradational contact
11						SC	**Sandy CLAY w/ Gravel,** dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 25-30% fine to medium sand, some coarse sand, 10-15% fine subangular to subrounded gravels, low odor below ~13 feet bgs, no discoloration. - Gradational contact.
14						SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay fines, up to 10-15% silt fines, moderate odor, no apparent discoloration.
15			DP-14-d15 @ 251 ppm				- Gradational contact.
18						SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, moderate odor, no discoloration.
20							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3055 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Jose & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-14**
Sheet 2 of 2

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
20			DP-14-d20 @ 18.5 ppm			SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, low odor, no discoloration.
21							
22							- Sand content decreasing to <15-20%
23							- Trace to no odor.
24							
25			DP-14-d25 @ 11.8 ppm				- ~20-30% coarse sand.
26							
27				▽			- Gradational contact.
28						SC	**Clayey SAND,** dominantly olive brown (2.5Y 4/4), very moist to slightly wet, appears medium dense, 50-60% fine to medium sand, up to 10-15% coarse sand, 20-25% clay/silt fines, trace fine gravels, no odor, no apparent discoloration.
29							
30			0 ppm				
31							- Terminate boring at 30 feet bgs.
32							- Insert 5 feet of 3/4-inch PVC 0.010-slot screen (screened interval from 25-30 feet bgs). Collect grab groundwater sample via peristaltic pump and new poly tubing.
33							- Seal borehole with neat cement grout following sample collection.
34							
35							
36							
37							
38							
39							
40							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 19, 2017
CLIENT: Golden Empire Properties
LOCATION: 3033 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Juan & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-15**

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
0						--	**Concrete driveway (~4 inches thick)**
1						SM	**Silty SAND**, dark brown (10YR 3/3), very moist to wet, appears medium dense, 60-70% fine to medium sand, 20-30% silt fines, no odor, no discoloration. Gradational contact.
2			DP-15-d2 @ 0 ppm			SC	**Clayey SAND**, dark yellowish brown (10YR 4/6), damp to moist, appears medium dense, slightly plastic, 60-70% fine to medium sand, trace coarse sand, trace localized fine gravel, 30-40% clay fines, no odor, no discoloration. - Gradational contact.
3							
4			DP-15-d4 @ 0 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel**, dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, trace odor, no apparent discoloration.
5							
6							
7			DP-15-d7 @ 0 ppm				- Generally same as above.
8			DP-15-d8 @ 0 ppm				
9							
10			DP-15-d10 @ 0 ppm				
11							- Gradational contact
12						SC	**Sandy CLAY w/ Gravel**, dark yellowish brown (10YR 4/4) , dry to slightly damp, very stiff to hard, dominantly clay fines, 25-30% fine to medium sand, some coarse sand, 10-15% fine subangular to subrounded gravels, no odor, no discoloration.
13			Depth to groundwater ~1 hour following boring completion measured at ~13.5 feet bgs.	▼			
14							
15			DP-15-d15 @ 0 ppm				
16							- Gradational contact.
17						SW	**Well Graded SAND w/ Silt/Clay & Gravel**, dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, no odor, no apparent discoloration. Gradational contact.
18							
19						SC	**Sandy CLAY**, dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, no odor, no discoloration.
20							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 18, 2017
CLIENT: Golden Empire Properties
LOCATION: 3033 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: Cascade (Jose & Carlos)
DRILL METHOD: Hydraulic Driven Dual Wall Probes

BORING # **DP-15**
Sheet 2 of 2

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
20			DP-15-d20 @ 0 ppm			SC	**Sandy CLAY**, dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 30-40% fine to medium sand, trace coarse sand, trace fine subrounded gravels, no odor, no discoloration. - <5% sand from ~20 to 21 feet bgs. - Locally >50% fine to coarse sand and trace fine gravel at 22 feet bgs. - Locally >50% fine to coarse sand and trace fine gravel at 24 feet bgs.
21							
22							
23							
24							
25			DP-15-d25 @ 0 ppm				
26							
27			First groundwater encountered under confined conditions at ~27.5 feet bgs.				- Gradational contact.
28						SC	**Clayey SAND**, dominantly olive brown (2.5Y 4/4), very moist to wet, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-30% clay/silt fines, localized trace fine gravels, no odor, no apparent discoloration.
29							
30			0 ppm				
31							- Terminate boring at 30 feet bgs. - Insert 5 feet of 3/4-inch PVC 0.010-slot screen (screened interval from 25-30 feet bgs). Collect grab groundwater sample via peristaltic pump and new poly tubing. - Seal borehole with neat cement grout following sample collection.
32							
33							
34							
35							
36							
37							
38							
39							
40							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 20, 2017
CLIENT: Golden Empire Properties
LOCATION: 3021 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: ECA (Brent)
DRILL METHOD: Hydraulic Driven Macro Core Probes

BORING # **DP-16**

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
0						SM	**Silty SAND**, dark brown (10YR 3/3), saturated, appears medium dense, 60-70% fine to medium sand, 20-30% silt fines, no odor, no discoloration.
1							- Gradational contact.
2			DP-16-d2 @ 0 ppm			SC	**Clayey SAND**, dark yellowish brown (10YR 4/6), dry to damp, appears medium dense, slightly plastic, 60-70% fine to medium sand, trace coarse sand, trace localized fine gravel, 30-40% clay fines, no odor, no discoloration.
3							Gradational contact.
4			DP-16-d4 @ 0 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel**, dominantly olive brown (2.5Y 4/4), dry to damp, appears medium dense, 30-40% fine to medium sand, up to 10% coarse sand, 30-40% fine to medium subangular gravels, 15-20% clay/silt fines, trace odor, no apparent discoloration.
5							
6			Depth to groundwater ~10 minutes following boring completion measured at ~6 feet bgs.	▼			
7			DP-16-d7 @ 0 ppm				
8			DP-16-d8 @ 0 ppm				- Generally same as above.
9							
10			DP-16-d10 @ 0 ppm				
11							- Gradational contact
12			DP-16-d12 @ 0 ppm			SC	**Sandy CLAY w/ Gravel**, dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 25-30% fine to medium sand, some coarse sand, 10-15% fine subangular to subrounded gravels, trace to low odor below ~10 feet bgs, no discoloration.
13							
14			DP-16-d14 @ 0 ppm				
15							
16			DP-16-d16 @ 238 ppm				- Moderate hydrocarbon odor.
17							- Gradational contact.
18			DP-16-d18 @ 307 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel**, dominantly olive brown (2.5Y 4/4), damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, moderate odor, no apparent discoloration.
19							
20							

GEOLOGIC LOG

Hydraulic Driven Geo-Probe Boring

JOB NO.: 2X103.G DATE: April 20, 2017
CLIENT: Golden Empire Properties
LOCATION: 3021 35th Avenue, Oakland, CA
LOGGED BY: J. Chaney, PG #8452
DRILLER: ECA (Brent)
DRILL METHOD: Hydraulic Driven Macro Core Probes

BORING # **DP-16**

Depth (feet)	Sample Interval	Sample Analyzed	Sample Identification & Field PID Data Calibrated for TVOC (ppm)	Groundwater Depth	Lithologic Pattern	USCS symbol	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, chemical odor.)
20			DP-16-d20 @ 49.2 ppm			SW	**Well Graded SAND w/ Silt/Clay & Gravel,** dominantly olive brown (2.5Y 4/4), damp, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-25% fine to medium subangular gravels, 15-20% clay/silt fines, lowodor, no apparent discoloration. - Gradational contact.
21							
22						SC	**Sandy CLAY,** dark yellowish brown (10YR 4/4), dry to slightly damp, very stiff to hard, dominantly clay fines, 20-30% fine to medium sand, trace coarse sand, trace fine subrounded gravels, trace odor, no discoloration.
23							
24							
25			DP-16-d25 @ 5.9 ppm				
26							- Locally >50% fine to coarse sand and trace fine gravel at 26 feet bgs. - Gradational contact.
27			First groundwater encountered under confined conditions at ~27 feet bgs.			SC	**Clayey SAND,** dominantly olive brown (2.5Y 4/4), very moist to slightly wet, appears medium dense, 40-50% fine to medium sand, up to 10% coarse sand, 20-30% clay/silt fines, localized trace fine gravels, no odor, no discoloration.
28							
29			0 ppm				
30							- Terminate boring at 29 feet bgs. - Insert 5 feet of 3/4-inch PVC 0.010-slot screen (screened interval from 24-30 feet bgs). Collect grab groundwater sample via peristaltic pump and new poly tubing. - Seal borehole with neat cement grout following sample collection.
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							