Mr. Mark Horne
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road,
Room C2050
San Ramon, CA 94583
Tel (925) 842-0973
markhorne@chevron.com

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RECEIVED
By Alameda County Environmental Health 3:33 pm, Jan 13, 2017

Re: Former Signal Oil Station No. 206145
800 Center Street
Oakland, CA

I have reviewed the *Fourth Quarter 2016 Groundwater Monitoring and Sampling Report.*

The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by GHD Services Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Mr. Mark Horne
Project Manager

Attachment: Fourth Quarter 2016 Groundwater Monitoring and Sampling Report

January 13, 2017 Reference No. 312002

Mr. Mark Detterman, P.G., C.E.G.
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Fourth Quarter 2016 Groundwater Monitoring and Sampling Report
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California
ACEH Case RO0000454

Dear Mr. Detterman:

GHD is submitting this *Fourth Quarter 2016 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Gettler Ryan, Inc. (G-R) of Dublin, California and their *Groundwater Monitoring and Sampling Data Package* is included as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1 and shown on Figure 2. Eurofins Lancaster Laboratories Environmental LLCs' *Analytical Results* report is included as Attachment B. Historical groundwater monitoring and sampling data are included as Attachment C.

GHD
10969 Trade Center Drive Suite 107 Rancho Cordova California 95670 USA
T 916 889 8900 F 916 889 8999 W www.ghd.com

Should you have any questions on the above, please do not hesitate to contact Morgan Hargrave at (916) 889-8930.

Cordially,

GHD

Morgan Hargrave

Greg Barclay PG 6260

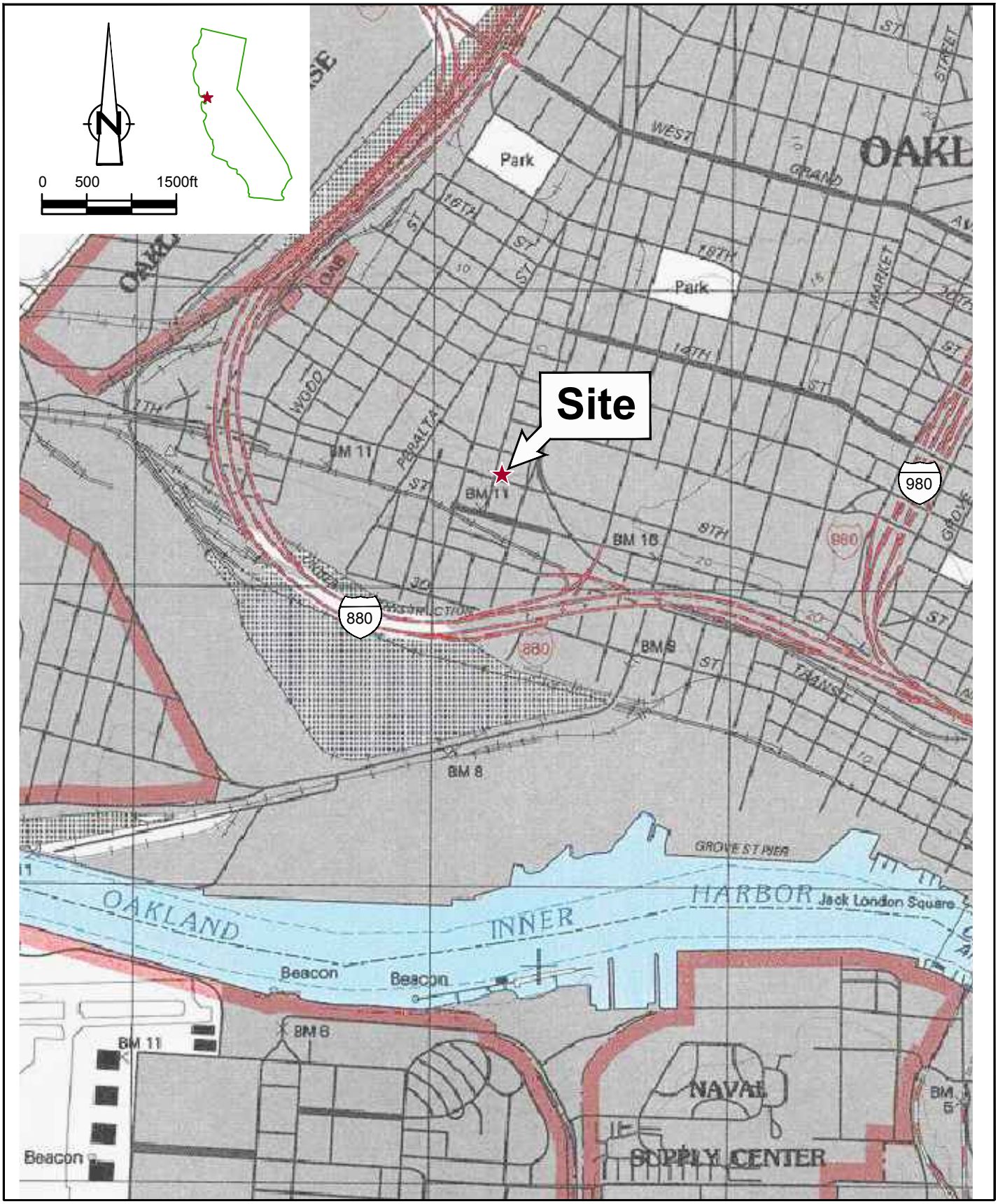
MH/tl/35

Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation Contour and Hydrocarbon Concentration Map
Table 1	Groundwater Monitoring and Sampling Data
Attachment A	Monitoring Data and Sampling Data Package
Attachment B	Laboratory Analytical Reports
Attachment C	Historical Groundwater Monitoring and Sampling Data

cc: Mr. Mark Horne, Chevron *(electronic copy)*

Figures



Source: TOPO! MAPS

FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

312002-95

Jan 6, 2017

VICINITY MAP

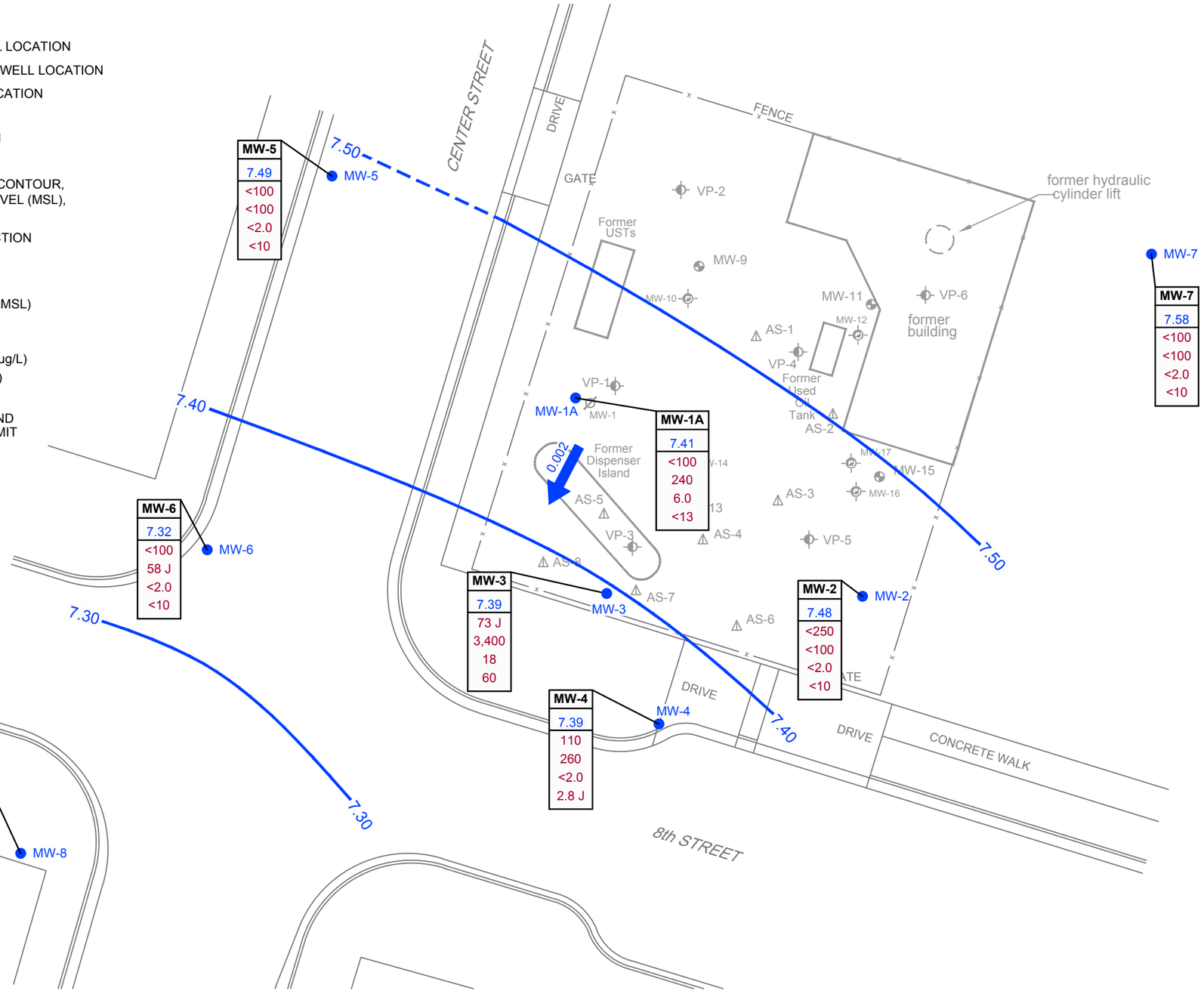
FIGURE 1

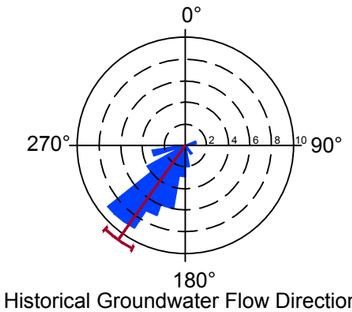
CAD File: P:\drawings\312000s\312002\312002-REPORT\312002-95(035)\312002-95(035)GN\312002-95(035)GN-WA001.DWG

LEGEND

- SHALLOW MONITORING WELL LOCATION
- INTERMEDIATE MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- VAPOR PROBE LOCATION
- DESTROYED WELL LOCATION
- AIR SPARGE WELL LOCATION
- 7.50 — GROUNDWATER ELEVATION CONTOUR, IN FEET ABOVE MEAN SEA LEVEL (MSL), DASHED WHERE INFERRED
- 0.002 — GROUNDWATER FLOW DIRECTION AND GRADIENT

MW-1A	WELL DESIGNATION
7.41	GROUNDWATER ELEVATION (MSL)
<100	TPHd CONCENTRATION (µg/L)
240	TPHg CONCENTRATION (µg/L)
6.0	BENZENE CONCENTRATION (µg/L)
<13	MTBE CONCENTRATION (µg/L)
J	ESTIMATED VALUE BETWEEN METHOD DETECTION LIMIT AND LABORATORY REPORTING LIMIT





Historical Groundwater Flow Direction
Shallow Wells (1999 - 2016)

Source: SITE PLAN ADAPTED FROM MORROW SURVEYING LAND SURVEYORS AUGUST 17 2005 MONITORING WELL EXHIBIT.

0 10 20ft

GHD

FORMER SIGNAL OIL SERVICE STATION 206145
800 CENTER STREET
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR AND HYDROCARBON CONCENTRATION MAP - NOVEMBER 9, 2016

312002-95

Jan 11, 2017

FIGURE 2

CAD File: P:\drawings\312000s\312002\312002-REPORT\312002-95(035)\312002-95(035)GN\312002-95(035)GN-WA002.DWG

Table

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1A	09/03/2010[1]	18.11	9.54	8.57	590	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	02/03/2011[1]	18.11	8.05	10.06	840	100	2.5	0.6	6.7	2.0	<2.5	-	-	-	-	-	-
MW-1A	05/04/2011[1,7]	18.11	7.16	10.95	1,500	<50	6.7	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	08/04/2011[1]	18.11	8.80	9.31	750	<50	0.9	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	02/29/2012[1, 9]	18.11	9.84	8.27	630/250	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	08/07/2012[1,9]	18.11	9.64	8.47	540/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	02/18/2013[1]	18.11	8.32	9.79	830 / 110	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	09/27/2013[1,9]	18.11	10.51	7.60	950 / 420	<50	0.3	<0.2	<0.2	<0.6	<0.3	-	-	-	-	-	-
MW-1A	01/31/2014[1,9]	18.11	11.15	6.96	9,100 / 4,400	150	2.2	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-1A	08/18/2016[1]	18.11	10.62	7.49	<100	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-
MW-1A	**11/09/2016[1,9]**	**18.11**	**10.70**	**7.41**	**<100**	**240**	**6.0**	**4.3**	**14**	**18**	**<13**	**-**	**-**	**-**	**-**	**-**	**-**
MW-2	09/03/2010[1]	18.40	9.98	8.42	130	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-2	02/03/2011[1]	18.40	8.61	9.79	430	75	<0.5	<0.5	<0.5	<1.5	8.9	-	-	-	-	-	-
MW-2	05/04/2011[1,7]	18.40	4.55	13.85	160	1,300	12	48	0.7	47	<100	-	-	-	-	-	-
MW-2	08/04/2011[1]	18.40	9.17	9.23	99	1,500	43	100	1.4	47	34	-	-	-	-	-	-
MW-2	02/29/2012[1, 9]	18.40	10.25	8.15	75/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-2	08/07/2012[1,9]	18.40	9.98	8.42	410/270	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-2	02/18/2013[1]	18.40	8.72	9.68	430 / <50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-2	09/27/2013[1,9]	18.40	10.81	7.59	150 / <50	<50	<0.2	<0.2	<0.2	<0.6	<0.3	-	-	-	-	-	-
MW-2	01/31/2014[1,9]	18.40	11.54	6.86	1,200 / 410	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-2	08/18/2016[1]	18.40	10.96	7.44	62 J	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-
MW-2	**11/09/2016[1,9]**	**18.40**	**10.92**	**7.48**	**<250**	**<100**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**<10**	**-**	**-**	**-**	**-**	**-**	**-**
MW-3	09/03/2010	-	-	-	-	-	-	-	-	-	-	160,000	390	45,900	531,000	<460	21,500
MW-3	09/03/2010[1]	18.07	9.70	8.37	4,000	32,000	65	690	3,100	4,900	380	-	-	-	-	-	-
MW-3	02/03/2011[1]	18.07	8.39	9.68	1,400	2,000	17	34	250	190	26	44,000	<250	180,000	385,000	<460	28,500
MW-3	05/04/2011[1,7]	18.07	7.30	10.77	340	57	<0.5	1.1	3.8	7.7	<2.5	20,000	<250	222,000	310,000	<460	10,500
MW-3	08/04/2011[1]	18.07	8.83	9.24	2,100	1,200	6.5	4.6	110	8.9	16	68,000	350	275,000	362,000	<460	32,500
MW-3	02/29/2012[1, 9]	18.07	9.90	8.17	1,500/510	2,000	74	2.2	6.5	<5.0	<18	-	-	-	-	-	-
MW-3	08/07/2012[1,9]	18.07	9.68	8.39	2,600/1,100	3,800	120	4.1	5.0	14	38	-	-	-	-	-	-
MW-3	02/18/2013[1]	18.07	8.45	9.62	1,700 / 580	1,700	11	2.6	3.8	19	27	-	-	-	-	-	-
MW-3	09/27/2013[1,9]	18.07	10.52	7.55	1,800 / 1,100	3,100	30	2.4	3.1	16	66	-	-	-	-	-	-
MW-3	01/31/2014[1,9]	18.07	11.15	6.92	4,100 / 1,400	3,300	33	2.0	3.6	5.9	66	-	-	-	-	-	-
MW-3	08/18/2016[1]	18.07	10.64	7.43	780	4,100	21	2.8	2.4	10	<10	-	-	-	-	-	-
MW-3	**11/09/2016[1,9]**	**18.07**	**10.68**	**7.39**	**73 J**	**3,400**	**18**	**<10**	**<10**	**<25**	**60**	**-**	**-**	**-**	**-**	**-**	**-**
MW-4	09/03/2010	-	-	-	-	-	-	-	-	-	-	210,000	<250	2,000	400,000	<460	7,500
MW-4	09/03/2010[1]	16.98	8.63	8.35	400	310	<5.0	<0.5	1.2	<1.5	<2.5	-	-	-	-	-	-
MW-4	02/03/2011[1]	16.98	7.43	9.55	160	55	1.6	<0.5	<0.5	<1.5	<2.5	75,000	<250	52,600	309,000	<460	4,100
MW-4	05/04/2011[1,7]	16.98	6.32	10.66	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	76,000	<250	16,700	183,000	<460	2,600
MW-4	08/04/2011[1]	16.98	7.90	9.08	940	590	110	9.0	10	4.6	4.4	130,000	<250	68,900	361,000	<460	4,200

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Former Signal Oil Service Station 206145
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					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	02/29/2012[1, 9]	16.98	8.34	8.64	270/<50	130	<0.5	<0.5	0.6	<1.5	<2.5	-	-	-	-	-	-
MW-4	08/07/2012[1,9]	16.98	8.67	8.31	700/54	400	20	<0.5	3.1	<1.5	5.3	-	-	-	-	-	-
MW-4	02/18/2013[1]	16.98	7.52	9.46	600 / <50	100	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-4	09/27/2013[1,9]	16.98	9.57	7.41	650 / <50	370	0.8	0.3	0.7	<3.0	<0.3	-	-	-	-	-	-
MW-4	01/31/2014[1,9]	16.98	10.11	6.87	6,600 / 3,200	90	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-4	08/18/2016[1]	16.98	9.63	7.35	1,100	170	3.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-
MW-4	**11/09/2016[1,9]**	**16.98**	**9.59**	**7.39**	**110**	**260**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**2.8 J**	**-**	**-**	**-**	**-**	**-**	**-**
MW-5	09/03/2010[1]	17.68	9.28	8.40	62	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	02/03/2011[1]	17.68	7.83	9.85	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	05/04/2011[1]	17.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/04/2011[1]	17.68	8.38	9.30	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	02/29/2012[1, 9]	17.68	9.42	8.26	<50/53	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	08/07/2012[1,9]	17.68	9.18	8.50	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	02/18/2013[1]	17.68	7.91	9.77	<50 / <50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	09/27/2013[1,9]	17.68	10.08	7.60	<50 / <50	<50	<0.2	<0.2	<0.2	<0.6	<0.3	-	-	-	-	-	-
MW-5	01/31/2014[1,9]	17.68	11.32	6.36	<50 / <50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-5	08/18/2016[1]	17.68	10.10	7.58	<100	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-
MW-5	**11/09/2016[1,9]**	**17.68**	**10.19**	**7.49**	**<100**	**<100**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**<10**	**-**	**-**	**-**	**-**	**-**	**-**
MW-6	09/03/2010[1]	17.33	9.13	8.20	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-

Table 1

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Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-6	02/03/2011[1]	17.33	7.65	9.68	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	05/04/2011[1]	17.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/04/2011[1]	17.33	8.30	9.03	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	02/29/2012[1, 9]	17.33	9.30	8.03	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	08/07/2012[1,9]	17.33	9.06	8.27	74/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	02/18/2013[1]	17.33	7.83	9.50	<50 / <50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	09/27/2013[1,9]	17.33	9.88	7.45	<50 / <50	<50	<0.2	<0.2	<0.2	<0.6	<0.3	-	-	-	-	-	-
MW-6	01/31/2014[1,9]	17.33	10.51	6.82	<160 / <160	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-6	08/18/2016[1]	17.33	9.95	7.38	<110	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-
MW-6	**11/09/2016[1,9]**	**17.33**	**10.01**	**7.32**	**<100**	**58 J**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**<10**	**-**	**-**	**-**	**-**	**-**	**-**
MW-7	09/03/2010[1]	19.26	10.74	8.52	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	02/03/2011[1]	19.26	9.20	10.06	220	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	05/04/2011[1]	19.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	08/04/2011[1]	19.26	9.91	9.35	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	02/29/2012[1, 9]	19.26	10.90	8.36	350/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	08/07/2012[1,9]	19.26	10.67	8.59	96/63	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	02/18/2013[1]	19.26	9.31	9.95	520 / 130	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	09/27/2013[1,9]	19.26	11.57	7.69	1,200 / 880	<50	<0.2	<0.2	<0.2	<0.6	<0.3	-	-	-	-	-	-
MW-7	01/31/2014[1,9]	19.26	12.15	7.11	2,900 / 1,100	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-7	08/18/2016[1]	19.26	11.75	7.51	<110	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	**11/09/2016[1,9]**	**19.26**	**11.68**	**7.58**	**<100**	**<100**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**<10**	**-**	**-**	**-**	**-**	**-**	**-**
MW-8	09/03/2010[1]	17.79	9.75	8.04	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	02/03/2011[1]	17.79	8.46	9.33	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	05/04/2011[1]	17.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	08/04/2011[1]	17.79	8.98	8.81	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	02/29/2012[1, 9]	17.79	9.90	7.89	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	08/07/2012[1,9]	17.79	9.71	8.08	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	02/18/2013[1]	17.79	8.58	9.21	<50 / <50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
MW-8	09/27/2013[1,9]	17.79	10.48	7.31	88 / <50	<50	<0.2	<0.2	<0.2	<0.6	<0.3	-	-	-	-	-	-
MW-8	01/31/2014[1,10]	17.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	08/18/2016[1]	17.79	10.54	7.25	<100	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-
MW-8	**11/09/2016[1,9]**	**17.79**	**10.54**	**7.25**	**<110**	**<100**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**<10**	**-**	**-**	**-**	**-**	**-**	**-**
MW-9	09/03/2010[2]	18.42	10.01	8.41	95	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-9	02/03/2011[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	05/04/2011[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	08/04/2011[2,4,5]	18.42	9.13	9.29	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	02/29/2012[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	08/07/2012[2,4,5,9]	18.42	9.98	8.44	61/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-9	02/18/2013[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	09/27/2013[2,4,5]	18.42	10.78	7.64	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	01/31/2014[2,4,5]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	08/18/2016[8]	18.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	**11/09/2016[8]**	**18.42**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-10	09/03/2010[3]	17.99	10.35	7.64	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-10	02/03/2011[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/04/2011[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	08/04/2011[3,4,5]	17.99	10.60	7.39	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	02/29/2012[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	08/07/2012[3,4,5,9]	17.99	10.14	7.85	59/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-10	02/18/2013[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/27/2013[3,4,5]	17.99	11.22	6.77	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	01/31/2014[3,4,5]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	08/18/2016[8]	17.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	**11/09/2016[8]**	**17.99**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-11	09/03/2010[2]	18.68	10.21	8.47	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-11	02/03/2011[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/04/2011[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	08/04/2011[2,4,5]	18.68	9.35	9.33	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-11	02/29/2012[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	08/07/2012[2,4,5,9]	18.68	10.15	8.53	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-11	02/18/2013[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	09/27/2013[2,4,5]	18.68	11.00	7.68	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	01/31/2014[2,4,5]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	08/18/2016[8]	18.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	**11/09/2016[8]**	**18.68**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-12	09/03/2010[3]	18.46	11.05	7.41	65	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-12	02/03/2011[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	05/04/2011[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	08/04/2011[3,4,5]	18.46	9.63	8.83	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	02/29/2012[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	08/07/2012[3,4,5,9]	18.46	10.68	7.78	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-12	02/18/2013[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	09/27/2013[3,4,5]	18.46	11.56	6.90	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	01/31/2014[3,4,5]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	08/18/2016[8]	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	**11/09/2016[8]**	**18.46**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-13	09/03/2010[2]	18.43	10.09	8.34	58	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-13	02/03/2011[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/04/2011[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	08/04/2011[2,4,5]	18.43	9.27	9.16	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/29/2012[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	08/07/2012[2,4,5,9]	18.43	10.03	8.40	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-13	02/18/2013[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	09/27/2013[2,4,5]	18.43	10.87	7.56	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	01/31/2014[2,4,5]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	08/18/2016[8]	18.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	**11/09/2016[8]**	**18.43**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-14	09/03/2010[3]	18.59	11.52	7.07	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-14	02/03/2011[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/04/2011[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	08/04/2011[3,4,5]	18.59	9.99	8.60	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	02/29/2012[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	08/07/2012[3,4,5,9]	18.59	10.79	7.80	61/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-14	02/18/2013[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	09/27/2013[3,4,5]	18.59	11.76	6.83	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	01/31/2014[3,4,5]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	08/18/2016[8]	18.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	**Date**	**TOC**	**DTW**	**GWE**	**TPH-DRO w/ Si Gel**	**TPH-GRO**	**B**	**T**	**E**	**X**	**MTBE by SW8021**	**Carbon dioxide**	**Nitrate Nitrogen**	**Sulfate**	**Alkalinity to pH 4.5**	**Alkalinity to pH 8.3**	**Ferrous Iron**
	Units	**ft**	**ft**	**ft-amsl**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
MW-14	**11/09/2016[8]**	**18.59**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-15	09/03/2010[2]	18.38	9.95	8.43	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-15	02/03/2011[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/04/2011[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/04/2011[2,4,5]	18.38	9.13	9.25	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/29/2012[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/07/2012[2,4,5,9]	18.38	9.91	8.47	<50/100	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-15	02/18/2013[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	09/27/2013[2,4,5]	18.38	10.72	7.66	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	01/31/2014[2,4,5]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/18/2016[8]	18.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	**11/09/2016[8]**	**18.38**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-16	09/03/2010[3]	18.57	10.95	7.62	<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-16	02/03/2011[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	05/04/2011[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	08/04/2011[3,4,5]	18.57	10.13	8.44	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	02/29/2012[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	08/07/2012[3,4,5,9]	18.57	10.83	7.74	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-16	02/18/2013[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

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Former Signal Oil Service Station 206145
800 Center Street
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					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-16	09/27/2013[3,4,5]	18.57	11.69	6.88	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	01/31/2014[3,4,5]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	08/18/2016[8]	18.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	**11/09/2016[8]**	**18.57**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-17	09/03/2010[3]	18.55	10.81	7.74	67	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-17	02/03/2011[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	05/04/2011[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	08/04/2011[3,4,5]	18.55	10.00	8.55	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	02/29/2012[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	08/07/2012[3,4,5,9]	18.55	10.78	7.77	<50/<50	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
MW-17	02/18/2013[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	09/27/2013[3,4,5]	18.55	11.55	7.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	01/31/2014[3,4,5]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	08/18/2016[8]	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	**11/09/2016[8]**	**18.55**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-1	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	08/18/2016[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Table 1

Groundwater Monitoring and Sampling Data
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Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
AS-2	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	08/18/2016[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-3	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	08/18/2016[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-4	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	08/18/2016[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-5	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	**08/18/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-5	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-6	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	08/18/2016[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-7	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	**Date**	**TOC**	**DTW**	**GWE**	**TPH-DRO w/ Si Gel**	**TPH-GRO**	**B**	**T**	**E**	**X**	**MTBE by SW8021**	**Carbon dioxide**	**Nitrate Nitrogen**	**Sulfate**	**Alkalinity to pH 4.5**	**Alkalinity to pH 8.3**	**Ferrous Iron**
	Units	**ft**	**ft**	**ft-amsl**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
AS-7	08/18/2016[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-7	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AS-8	01/31/2014[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	08/18/2016[8]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	**11/09/2016[8]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
QA	09/03/2010	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	02/03/2011	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	05/04/2011	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	08/04/2011	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	02/29/2012	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	08/07/2012	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	02/18/2013	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	09/27/2013	-	-	-	-	<50	<0.2	<0.2	<0.2	<0.6	<0.3	-	-	-	-	-	-
QA	01/31/2014	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-	-	-	-	-	-
QA	08/18/2016	-	-	-	-	<100	**<2.0**	**<2.0**	**<2.0**	**<5.0**	<10	-	-	-	-	-	-
QA	**11/09/2016**	**-**	**-**	**-**	**-**	**<100**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**<10**	**-**	**-**	**-**	**-**	**-**	**-**

Table 1

Groundwater Monitoring and Sampling Data
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California

					HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
Location	Date	TOC	DTW	GWE	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8021	Carbon dioxide	Nitrate Nitrogen	Sulfate	Alkalinity to pH 4.5	Alkalinity to pH 8.3	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

Abbreviations and Notes:

TOC = Top of casing
DTW = Depth to water
GWE = Groundwater elevation
(ft-amsl) = Feet above mean sea level
ft = Feet
µg/L = Micrograms per liter
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
VOCS = Volatile organic compounds
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylene's (total)
MTBE = Methyl tert butyl ether
-- = Not available / not applicable
<x = Not detected at or above laboratory method detection limit

1 Shallow Well
2 Intermediate Well
3 Deep Well
4 Monitored annually during the third quarter
5 Sampled bi-annually during the third quarter
6 Not able to access well. Well connected to Air Sparge System
7 Special Sampling Event
8 Not monitored or sampled.
9 TPHd with silica gel / TPHd with silica gel (reverse surrogate, capric acid, was present at <1%)
10 Unable to access.

Attachment A
Groundwater Monitoring and Sampling Data Package

GETTLER-RYAN INC.

TRANSMITTAL

November 18, 2016
G-R #386492

TO: Mr. Morgan Hargrave
GHD
10969 Trade Center Drive, Suite 107
Rancho Cordova, CA 95670

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6805 Sierra Court, Suite G
Dublin, California 94568

RE: Former Chevron (Signal Oil)
Service Station #206145 (S-800)
800 Center Street
Oakland, California
RO 0000454

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Fourth Quarter Event of November 9, 2016**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/206145

WELL CONDITION STATUS SHEET

Client/
Facility #: **Chevron #206145**
Site Address: **800 Center Street**
City: **Oakland, CA**

Job #: **386492**
Event Date: 11.9.16
Sampler: FT

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y (N)	REPLACE CAP Y (N)	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y (N)
MW-1A	OK	→	→	1 BROKEN BOLT IN FLANGE	OK	→	→			MORRISON / 6" / 2	
MW-2	OK	→	→	S=2	OK	→	→			MORRISON / 8" / 2	
MW-3	OK	→	→	B=3	OK	→	→			BOART L. / 8" / 3	
MW-4	OK	→	→	S=2	OK	→	→			MORRISON / 8" / 2	
MW-5	OK	→	→	S=2	OK	→	→			↓	
MW-6	OK	→	→	S=2	OK	→	→			↓	
MW-7	OK	→	→	S=1	OK	→	→			EMCO / 8" / 2	
MW-8	OK	→	→	S=2	OK	→	→	↓	↓	MORRISON / 8" / 2	

Comments

STANDARD OPERATING PROCEDURE
GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells. Total well depths are measured annually.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Seaport Environmental located in Redwood City, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 11.9.16 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW-1A Date Monitored: 11.9.16
Well Diameter 2 in.
Total Depth 16.38 ft.
Depth to Water 10.70 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

5.68 xVF .17 = .96 x3 case volume = Estimated Purge Volume: 3.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.83

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1315 Weather Conditions: SUNNY
Sample Time/Date: 1335 / 11.9.16 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: ~ gpm. Sediment Description: NONE
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 11.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1318	1.0	7.33	1219	20.9		
1321	2.0	7.36	1225	20.6		
1324	3.0	7.38	1231	20.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1A	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 11.9.16 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW-2 Date Monitored: 11-9-16
Well Diameter 2 in.
Total Depth 13.56 ft.
Depth to Water 10.92 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

2.64 xVF .17 = .44 x3 case volume = Estimated Purge Volume: 1.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.44

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1245 Weather Conditions: Sunny
Sample Time/Date: 1305 / 11.9.16 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: ~ gpm. Sediment Description: SILTY
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 11.36

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1248	.25	6.93	827	21.0		
1251	.50	6.94	830	20.8		
1254	1.0	6.96	834	20.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 11.9.16 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW-3 Date Monitored: 11.9.16
Well Diameter 2 in.
Total Depth 14.01 ft.
Depth to Water 10.68 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

3.33 xVF .17 = .56 x3 case volume = Estimated Purge Volume: 2.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.34

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1350 Weather Conditions: Sunny
Sample Time/Date: 1410 / 11.9.16 Water Color: Gray Odor: Ⓨ / N
Approx. Flow Rate: ~ gpm. Sediment Description: Silty
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 11.05

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C) / F)	D.O. (mg/L)	ORP (mV)
1353	.75	7.31	1542	21.3		
1356	1.5	7.34	1547	21.1		
1359	2.0	7.36	1551	20.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 11.9.16 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW- 4 Date Monitored: 11.9.16
Well Diameter 2 in.
Total Depth 13.43 ft.
Depth to Water 9.59 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

3.84 xVF .17 = .65 x3 case volume = Estimated Purge Volume: 2.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.35

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1425 Weather Conditions: Sunny
Sample Time/Date: 1445 / 11.9.16 Water Color: Gray Odor: (Y) / N
Approx. Flow Rate: — gpm. Sediment Description: Silty
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 10.00

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C) / F)	D.O. (mg/L)	ORP (mV)
1428	.75	6.91	857	21.5		
1431	1.5	6.93	862	21.3		
1434	2.0	6.96	866	21.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 4	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #206145 | Job Number: 386492
Site Address: 800 Center Street | Event Date: 11.9.16 (inclusive)
City: Oakland, CA | Sampler: FT

Well ID: MW-5 | Date Monitored: 11.9.16
Well Diameter: 2 in.
Total Depth: 19.35 ft.
Depth to Water: 10.19 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

9.16 xVF .17 = 1.55 x3 case volume = Estimated Purge Volume: 5.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.02

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr

Start Time (purge): 1135 | Weather Conditions: Sunny
Sample Time/Date: 1155 / 11.9.16 | Water Color: Brn. | Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. | Sediment Description: Silty
Did well de-water? No | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 10.28

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1138	1.5	6.88	560	21.9		
1141	3.0	6.91	568	21.6		
1145	5.0	6.93	574	21.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS: _____

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 11.9.11 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW-6 Date Monitored: 11.9.11
Well Diameter 2 in.
Total Depth 15.03 ft.
Depth to Water 10.01 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

5.02 xVF .17 = .85 x3 case volume = Estimated Purge Volume: 3.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.01

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1105 Weather Conditions: Sunny
Sample Time/Date: 1120 / 11.9.11 Water Color: Brown Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Silty
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 10.75

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1108	1.0	7.04	740	21.5		
1111	2.0	7.07	745	21.2		
1114	3.0	7.08	751	21.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 11.9.16 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW-7 Date Monitored: 11.9.16
Well Diameter 2 in.
Total Depth 15.55 ft.
Depth to Water 11.68 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

3.87 xVF .17 = .65 x3 case volume = Estimated Purge Volume: 2.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.45

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1210 Weather Conditions: Sunny
Sample Time/Date: 1230 / 11.9.16 Water Color: Brn. Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Silty
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 12.41

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) / mS µmhos/cm)	Temperature (C) / F	D.O. (mg/L)	ORP (mV)
1213	.75	7.13	712	19.5		
1216	1.5	7.15	717	19.3		
1219	2.0	7.16	721	19.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 11.9.16 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW-8 Date Monitored: 11.9.16
Well Diameter 2 in.
Total Depth 19.82 ft.
Depth to Water 10.54 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

9.28 xVF .17 = 1.57 x3 case volume = Estimated Purge Volume: 5.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.39

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1030 Weather Conditions: Sunny
Sample Time/Date: 1050 /11.9.16 Water Color: Brn. Odor: Y / (N)
Approx. Flow Rate: ~ gpm. Sediment Description: SILTY
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 11.00

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1033	1.5	7.22	454	20.5		
1036	3.0	7.25	460	20.3		
1040	5.0	7.27	467	20.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8021)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories 544

111.10.16-02

For Eurofins Lancaster Laboratories use only
Acct. # ________ Group # ________ Sample # ________
Instructions on reverse side correspond with circled numbers.

SCR #: ________ 1

① Client Information

Facility # SS#206145-OML G-R#386492 WBS Global ID#T0600102230

Site Address 800 CENTER STREET, OAKLAND, CA

Chevron PM MHO GHDHM Lead Consultant Hargrave

Consultant/Office Getter-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com

Consultant Phone # (925) 551-7444 x180

Sampler FRANK T.

④ Matrix: Sediment ☐ Ground ☒ Surface ☐ Soil ☐ Water: Potable ☐ NPDES ☐ Air ☐ Oil ☐

⑤ Analyses Requested: BTEX + MTBE 8260 ☐ 8021 ☒; TPH-GRO 8260 ☐ 8015 ☒; TPH-DRO 8015 without Silica Gel Cleanup ☐; TPH-DRO 8015 with Silica Gel Cleanup ☒ COLUMN; 8260 Full Scan; ___ Oxygenates; Total Lead Method ___; Dissolved Lead Method ___

② Sample Identification	Soil Depth	Collected Date	Collected Time	③ Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	TPH-GRO	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead				
QA		16.11.9					W		2	X	X										
MW-1A		↓	1335	X			↓		5	X	X		X								
MW-2		↓	1305	X			↓		↓	↓	↓		↓								
MW-3		↓	1410	X			↓		↓	↓	↓		↓								
MW-4		↓	1445	X			↓		↓	↓	↓		↓								
MW-5		↓	1155	X			↓		↓	↓	↓		↓								
MW-6		↓	1120	X			↓		↓	↓	↓		↓								
MW-7		↓	1230	X			↓		↓	↓	↓		↓								
MW-8		↓	1050	X			↓		↓	↓	↓		↓								

☐ Results in Dry Weight
☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
☐ 8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ______ oxy's on highest hit
☐ Run ______ oxy's on all hits

⑥ Remarks

Requesting 10 gram column cleanup on DRO w/sgc COLUMN samples. Please forward the lab results directly to the Lead Consultant and cc: G-R.

⑦ Turnaround Time Requested (TAT) (please circle)

(Standard) 5 day 4 day
72 hour 48 hour 24 hour EDF/EDD

⑧ Data Package (circle if required)
Type I - Full
Type VI (Raw Data)

EDD (circle if required)
EDFFLAT (default)
Other: ________

Relinquished by	Date	Time	Received by	Date	Time
[signature]	16.11.10	1350	A. [signature]	10 NOV16	1350
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ________			Received by	Date	Time

Temperature Upon Receipt ________ °C

Custody Seals Intact? Yes No ⑨

Attachment B
Laboratory Analytical Reports

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

Report Date: January 04, 2017

Project: 206145

Submittal Date: 11/11/2016
Group Number: 1732328
PO Number: 0015221516
Release Number: HORNE
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-161109 NA Water	8692977
MW-1A-W-161109 Grab Groundwater	8692978
MW-2-W-161109 Grab Groundwater	8692979
MW-3-W-161109 Grab Groundwater	8692980
MW-4-W-161109 Grab Groundwater	8692981
MW-5-W-161109 Grab Groundwater	8692982
MW-6-W-161109 Grab Groundwater	8692983
MW-7-W-161109 Grab Groundwater	8692984
MW-8-W-161109 Grab Groundwater	8692985

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ . To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To	GHD	Attn: Morgan Hargrave
Electronic Copy To	GHD	Attn: Anna Avina
Electronic Copy To	GHD	Attn: Report Contact
Electronic Copy To	Gettler-Ryan Inc.	Attn: Gettler Ryan

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-161109 NA Water
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692977
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOQA

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	2.0	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	10	1
02102	Toluene	108-88-3	N.D.	0.5	2.0	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	5.0	1

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 12:50	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 12:50	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 12:50	Brett W Kenyon	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-1A-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692978
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 13:35 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM1

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	240	50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	**ug/l**	
02102	Benzene	71-43-2	6.0	0.5	2.0	1
02102	Ethylbenzene	100-41-4	14	0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	13	13	1
02102	Toluene	108-88-3	4.3	0.5	2.0	1
02102	Total Xylenes	1330-20-7	18	1.5	5.0	1
	Reporting limits were raised due to interference from the sample matrix.					
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	100	1
	The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The client was contacted and the data reported. The reverse surrogate, capric acid, is present at <1%.					

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 13:18	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 13:18	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 13:18	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	12/06/2016 00:27	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-2-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692979
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 13:05 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	2.0	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	10	1
02102	Toluene	108-88-3	N.D.	0.5	2.0	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	5.0	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	80	250	1

The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The client was contacted and the data reported.
The reverse surrogate, capric acid, is present at <1%.

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 13:45	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 13:45	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 13:45	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	12/06/2016 00:48	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-3-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692980
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 14:10 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM3

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	3,400	250	500	5
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	**ug/l**	
02102	Benzene	71-43-2	18	2.5	10	5
02102	Ethylbenzene	100-41-4	N.D.	2.5	10	5
02102	Methyl tert-Butyl Ether	1634-04-4	60	13	50	5
02102	Toluene	108-88-3	N.D.	2.5	10	5
02102	Total Xylenes	1330-20-7	N.D.	7.5	25	5
	Reporting limits were raised due to interference from the sample matrix.					
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	73 J	50	100	1
	The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The client was contacted and the data reported. The reverse surrogate, capric acid, is present at <1%.					

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 16:33	Brett W Kenyon	5
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 16:33	Brett W Kenyon	5
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 16:33	Brett W Kenyon	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	12/06/2016 01:09	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-4-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692981
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 14:45 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM4

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	260		50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.		0.5	2.0	1
02102	Ethylbenzene	100-41-4	N.D.		0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	2.8	J	2.5	10	1
02102	Toluene	108-88-3	N.D.		0.5	2.0	1
02102	Total Xylenes	1330-20-7	N.D.		1.5	5.0	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	110		50	100	1

The reverse surrogate, capric acid, is present at <1%.

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 14:13	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 14:13	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 14:13	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	12/06/2016 01:31	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-5-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692982
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 11:55 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM5

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	2.0	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	10	1
02102	Toluene	108-88-3	N.D.	0.5	2.0	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	5.0	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	100	1
	The reverse surrogate, capric acid, is present at <1%.					

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 14:41	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 14:41	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 14:41	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	11/29/2016 01:59	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-6-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692983
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 11:20 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM6

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	58	J	50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.		0.5	2.0	1
02102	Ethylbenzene	100-41-4	N.D.		0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.		2.5	10	1
02102	Toluene	108-88-3	N.D.		0.5	2.0	1
02102	Total Xylenes	1330-20-7	N.D.		1.5	5.0	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.		50	100	1
	The reverse surrogate, capric acid, is present at <1%.						

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 15:09	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 15:09	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 15:09	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	12/06/2016 01:52	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-7-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692984
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 12:30 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM7

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	2.0	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	10	1
02102	Toluene	108-88-3	N.D.	0.5	2.0	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	5.0	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	100	1
	The reverse surrogate, capric acid, is present at <1%.					

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 15:37	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 15:37	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 15:37	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	11/29/2016 02:43	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-8-W-161109 Grab Groundwater
Facility# 206145 Job# 386492 GRD
800 Center St-Oakland T0600102230

LL Sample # WW 8692985
LL Group # 1732328
Account # 10904

Project Name: 206145

Collected: 11/09/2016 10:50 by FT

Submitted: 11/11/2016 09:25
Reported: 01/04/2017 13:06

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

CSOM8

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	2.0	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	10	1
02102	Toluene	108-88-3	N.D.	0.5	2.0	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	5.0	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	110	1
	The reverse surrogate, capric acid, is present at <1%.					

Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16321A53A	11/16/2016 16:05	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	16321A53A	11/16/2016 16:05	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16321A53A	11/16/2016 16:05	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	163200019A	11/29/2016 03:05	Amy Lehr	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	163200019A	11/16/2016 02:00	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Chevron
Reported: 01/04/2017 13:06

Group Number: 1732328

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: 16321A53A	Sample number(s): 8692977-8692985		
Benzene	N.D.	0.2	1.0
Ethylbenzene	N.D.	0.2	1.0
Methyl tert-Butyl Ether	N.D.	0.3	1.0
Toluene	N.D.	0.2	1.0
TPH-GRO N. CA water C6-C12	N.D.	50	100
Total Xylenes	N.D.	0.2	1.0
Batch number: 163200019A	Sample number(s): 8692978-8692985		
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32	100

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16321A53A	Sample number(s): 8692977-8692985								
Benzene	20	21.73	20	21.44	109	107	80-120	1	30
Ethylbenzene	20.1	20.27	20.1	19.92	101	99	80-120	2	30
Methyl tert-Butyl Ether	20	21.34	20	20.89	107	104	69-137	2	30
Toluene	20.2	20.78	20.2	20.58	103	102	80-120	1	30
TPH-GRO N. CA water C6-C12	1100	1007.52	1100	1017.64	92	93	77-120	1	30
Total Xylenes	60.2	63.56	60.2	63.07	106	105	80-120	1	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 163200019A	Sample number(s): 8692978-8692985								
TPH-DRO CA C10-C28 w/ Si Gel	1600	1257.33	1600	1177.04	79	74	40-105	7	20

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Chevron
Group Number: 1732328
Reported: 01/04/2017 13:06

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Method 8021 Water Master
Batch number: 16321A53A

	Trifluorotoluene-F	Trifluorotoluene-P
8692977	101	99
8692978	104	100
8692979	100	99
8692980	115	112
8692981	101	101
8692982	100	100
8692983	99	100
8692984	101	99
8692985	101	100
Blank	101	99
LCS	108	100
LCSD	110	100
Limits:	63-135	51-120

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 163200019A

	Orthoterphenyl
8692978	38*
8692979	24*
8692980	24*
8692981	42
8692982	83
8692983	53
8692984	86
8692985	83
Blank	48
LCS	105
LCSD	102
Limits:	42-126

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories 5ØØ

111Ø16-Ø2

For Eurofins Lancaster Laboratories use only
Acct. # 10904 Group # 1732328 Sample # 8612977-85
Instructions on reverse side correspond with circled numbers.

1of1

SCR #: ______

① Client Information

Facility #: SS#206145-OML G-R#386492 Global ID#T0600102230 WBS

Site Address: 800 CENTER STREET, OAKLAND, CA

Chevron PM: MHO GHDHM Lead Consultant: Hargrave

Consultant/Office: Getter-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr.: Deanna L. Harding, deanna@grinc.com

Consultant Phone #: (925) 551-7444 x180

Sampler: FRANK T.

④ Matrix: ☐ Sediment ☒ Ground ☐ Surface; ☐ Potable ☐ NPDES; ☐ Soil, Water, ☐ Oil, ☐ Air

⑤ Analyses Requested: BTEX + MTBE (☒ 8021 ☐ 8260); TPH-GRO (☒ 8015 ☐ 8260); ☐ TPH-DRO 8015 without Silica Gel Cleanup; ☒ TPH-DRO 8015 with Silica Gel Cleanup COLUMN; 8260 Full Scan; Oxygenates; Total Lead Method; Dissolved Lead Method

② Sample Identification	Soil Depth	Collected Date	Collected Time	③ Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	TPH-GRO	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead
QA		16.11.9					W		2	X	X						
MW-1A		↓	1335	X			↓		5	X	X		X				
MW-2		↓	1305	X			↓		↓	↓	↓		↓				
MW-3		↓	1410	X			↓		↓	↓	↓		↓				
MW-4		↓	1445	X			↓		↓	↓	↓		↓				
MW-5		↓	1155	X			↓		↓	↓	↓		↓				
MW-6		↓	1120	X			↓		↓	↓	↓		↓				
MW-7		↓	1230	X			↓		↓	↓	↓		↓				
MW-8		↓	1050	X			↓		↓	↓	↓		↓				

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run ______ oxy's on highest hit
- ☐ Run ______ oxy's on all hits

⑥ Remarks

Requesting 10 gram column cleanup on DRO w/sgc COLUMN samples. Please forward the lab results directly to the Lead Consultant and cc: G-R.

⑦ Turnaround Time Requested (TAT) (please circle)

(Standard) 5 day 4 day
72 hour 48 hour 24 hour **EDF/EDD**

⑧ Data Package (circle if required)
Type I - Full
Type VI (Raw Data)

EDD (circle if required)
EDFFLAT (default)
Other: ______

Relinquished by	Date	Time	Received by	Date	Time ⑨
[signature]	16.11.10	1350	A. Salyer	1Ø NOV 16	135Ø
A. Salyer	1Ø NOV 16	163Ø	FX		
Relinquished by Commercial Carrier: UPS ____ FedEx X Other ____			Received by [signature]	11-11-16	925

Temperature Upon Receipt 0.3-1.6 °C

Custody Seals Intact? (Yes) No

Issued by Dept. 40 Management
7050.03

Client: CA Office

800 Center Street

Delivery and Receipt Information

Delivery Method:	BASC	Arrival Timestamp:	11/11/2016 9:25
Number of Packages:	6	Number of Projects:	5
State/Province of Origin:	CA		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	HCL
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Timothy Cubberley (6520) at 11:15 on 11/11/2016

Samples Chilled Details: 800 Center Street

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT131	1.4	DT	Wet	Y	Bagged	N
2	DT131	0.8	DT	Wet	Y	Bagged	N
3	DT131	1.6	DT	Wet	Y	Bagged	N
4	DT131	1.4	DT	Wet	Y	Bagged	N
5	DT131	1.3	DT	Wet	Y	Bagged	N
6	DT131	0.3	DT	Wet	Y	Bagged	N

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Lancaster, PA 17605-2425

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www.LancasterLabs.com

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	**mg**	milligram(s)
C	degrees Celsius	**mL**	milliliter(s)
cfu	colony forming units	**MPN**	Most Probable Number
CP Units	cobalt-chloroplatinate units	**N.D.**	none detected
F	degrees Fahrenheit	**ng**	nanogram(s)
g	gram(s)	**NTU**	nephelometric turbidity units
IU	International Units	**pg/L**	picogram/liter
kg	kilogram(s)	**RL**	Reporting Limit
L	liter(s)	**TNTC**	Too Numerous To Count
lb.	pound(s)	**µg**	microgram(s)
m3	cubic meter(s)	**µL**	microliter(s)
meq	milliequivalents	**umhos/cm**	micromhos/cm

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…
W - The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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Attachment C
Historical Groundwater Monitoring and Sampling Data

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-1A											
02/24-25/03[l]	15.49	8.17	7.32	4,600	5,100	92	340	66	480	<10	--
06/02/03	15.49	7.15	8.34	5,500	3,800	150	490	72	450	<13	--
09/02/03	15.49	6.10	9.39	10,000	6,200	100	580	110	760	47	--
11/21/03	15.49	5.29	10.20	3,800	3,200	29	150	49	240	<10	--
02/27/04	15.49	9.87	5.62	2,800	280	9.7	19	3.0	30	<2.5	--
05/28/04	15.49	6.88	8.61	5,500	1,100	35	81	27	140	17	--
08/31/04	15.49	5.58	9.91	4,500	1,100	13	68	27	110	<2.5	--
12/17/04	15.49	7.09	8.40	2,300[o]	560	8.0	17	9.6	36	<2.5	--
03/28/05	15.49	10.36	5.13	340[o]	87	16	4.2	3.3	11	<2.5	--
06/09/05	15.49	9.69	5.80	6,400[o]	260	26	3.7	7.7	13	5.3	--
08/19/05	15.49	6.70	8.79	1,100[o,p,q]	440	38	7.8	9.4	17	<2.5	--
11/18/05	15.49	6.25	9.24	1,300[o,q]	450	11	12	17	22	<2.5	--
03/07/06	15.49	10.51	4.98	2,300[o]	150	33	1.6	3.4	2.7	<2.5	--
05/17/06	15.49	9.02	6.47	2,600[o]	110	18	<0.5	0.7	<1.5	<2.5	--
08/30/06	15.49	5.68	9.81	3,600[o]	420	24	0.7	8.1	9.2	<10	--
11/28/06	15.49	5.79	9.70	2,900[o]	220	8.6	2.7	6.1	9.3	<2.5	--
02/06/07	18.11	8.83	9.28	1,500[o]	230	19	<0.5	1.8	2.7	<2.5	--
05/02/07	18.11	9.83	8.28	1,300[o]	190	16	<0.5	1	1.8	<2.5	--
08/17/07	18.11	8.61	9.50	1,100[o]	160	2.5	0.8	2.0	2.7	<2.5	--
11/16/07[v]	18.11	8.27	9.84	3,600[o]	30,000	610	1,100	4,100	2,800	310	--
02/05/08	18.11	11.63	6.48	2,100[o]	63	4.8	<0.5	<0.5	<1.5	<2.5	--
05/20/08	18.11	9.18	8.93	940[o]	50	1.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	18.11	8.25	9.86	1,900[o]	98	0.7	<0.5	<0.5	<1.5	<2.5	--
12/05/08	18.11	7.68	10.43	940[o]	96	0.6	<0.5	0.5	<1.5	<2.5	--
02/09/09	18.11	8.10	10.01	630[o]	130	2.7	<0.5	2.1	<1.5	<2.5	--
05/08/09	18.11	9.91	8.20	1,300[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	18.11	8.35	9.76	1,300[o]	97	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**18.11**	**11.03**	**7.08**	**500[o,z]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-2											
10/27/95	15.77	10.60	5.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.72	8.51	7.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	15.72	7.82	7.90	--	83[d]	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.72	5.92	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	15.72	5.13	10.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	15.72	9.21	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-2 (cont)											
05/11/98	15.72	8.82	6.90	SAMPLED ANNUALLY		--	--	--	--	--	--
07/16/98	15.72	7.37	8.35	--	--	--	--	--	--	--	--
08/04/98[a]	15.72	7.03	8.69	--	--	--	--	--	--	--	1.9 x 1
09/03/98[a]	15.72	6.44	9.28	--	--	--	--	--	--	--	3.0 x 1
10/21/98[b]	15.72	5.51	10.21	--	--	--	--	--	--	--	8.8 x 1
11/04/98	15.72	5.60	10.12	--	--	--	--	--	--	--	--
01/26/99	15.72	6.87	8.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.72	8.20	7.52	--	--	--	--	--	--	--	--
08/21/99	15.72	13.21	2.51	--	--	--	--	--	--	--	--
10/28/99	15.72	6.35	9.37	--	--	--	--	--	--	--	--
01/31/00	15.72	7.25	8.47	--	<50	<0.5	0.541	<0.5	<0.5	<2.5	--
05/19/00	15.72	7.65	8.07	--	--	--	--	--	--	--	--
08/07/00	15.72	6.35	9.37	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	15.72	5.60	10.12	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	15.72	6.05	9.67	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	15.72	6.73	8.99	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/27/01[h]	15.72	5.68	10.04	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0[f]	--
11/28/01	15.72	5.86	9.86	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
02/14/02	15.69	7.86	7.83	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	15.69	7.09	8.60	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	15.69	6.02	9.67	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02	15.69	DRY	--	--	--	--	--	--	--	--	--
02/24-25/03[l]	15.69	8.04	7.65	140	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	15.69	7.33	8.36	150[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	15.69	5.97	9.72	150[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	--[n]	--[n]	10.39	180	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	--[n]	--[n]	6.90	310	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	--[n]	--[n]	9.13	160	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--[n]	--[n]	10.30	180[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--[n]	--[n]	8.91	77[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	--[n]	--[n]	6.51	<50[o]	<50	<0.5	0.5	<0.5	<1.5	<2.5	--
06/09/05	--[n]	--[n]	7.09	53[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--[n]	--[n]	9.27	<50[o,p]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--[n]	--[n]	9.66	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	--[n]	--[n]	6.75	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--[n]	--[n]	7.09	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--[n]	--[n]	9.03	640[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-2 (cont)											
11/28/06	--[n]	--[n]	10.02	560[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	18.40	8.72	9.68	200[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	18.40	9.71	8.69	480[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	18.40	8.52	9.88	1,000[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	18.40	8.30	10.10	1,900[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	18.40	10.97	7.43	1,100[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	18.40	9.09	9.31	650[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	18.40	8.25	10.15	200[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	18.40	7.12	11.28	680[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	18.40	8.08	10.32	420[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	18.40	9.98	8.42	75[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	18.40	8.23	10.17	610[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**18.40**	**10.54**	**7.86**	**120[o,z]**	**<50[aa]**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-3											
10/27/95	15.46	10.37	5.09	--	33,000	11,000	1,700	2,300	4,200	--	--
02/20/97	15.42	8.37	7.05	--	260	56	<1.0	7.6	5.9	<5.0	--
04/24/97	15.42	7.29	8.13	--	1,400	310	28	76	75	74	--
07/23/97	15.42	5.84	9.58	--	37,000	10,000	1,500	2,700	4,200	2,500	--
10/29/97	15.42	5.09	10.33	--	53,000	12,000	1,200	3,000	3,100	2,500	--
01/28/98	15.42	8.94	6.48	--	210	43	1.5	1.7	3.9	10	--
05/11/98	15.42	8.49	6.93	--	59	11	<0.5	2.1	<0.5	<2.5	--
07/16/98	15.42	7.14	8.28	--	260	90	4.8	18	5.7	<10	--
08/04/98[a]	15.42	6.88	8.54	--	--	--	--	--	--	--	8.5 x 1
09/03/98[a]	15.42	6.34	9.08	--	--	--	--	--	--	--	2.4 x 1
10/21/98[b]	15.42	5.62	9.80	--	--	--	--	--	--	--	6.0 x 1
11/04/98	15.42	5.60	9.82	--	73,000	17,000	3,800	4,900	8,100	<250	--
01/26/99	15.42	6.70	8.72	--	32,400	10,200	1,850	2,650	3,140	715/<500[c]	--
05/06/99	15.42	7.97	7.45	--	3,160	668	89.6	180	123	<200/<10[c]	--
08/21/99	15.42	7.95	7.47	--	53,800	9,700	2,040	2,880	5,000	<1,250/<40[c]	--
10/28/99	15.42	5.37	10.05	--	71,300	14,000	3,420	4,320	8,360	<1,000	--
01/31/00	15.42	7.16	8.26	--	1,650	496	49.1	134	82.6	<12.5	--
05/19/00	15.42	7.60	7.82	--	110[e]	36	2.5	9.1	4.0	6.3	--
08/07/00	15.42	6.29	9.13	--	36,000[e]	9,000	3,000	2,700	2,800	2,500/<10[f]	--
12/01/00	15.42	2.45	12.97	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
02/09/01	15.42	5.98	9.44	--	32,000[e]	11,000	3,900	3,200	4,800	3,200/<2.0[f]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-3 (cont)											
05/29/01	15.42	6.65	8.77	--	13,000	4,200	2,000	1,800	1,500	74/<2.0[f]	--
08/27/01[h]	15.42	5.70	9.72	--	40,000	7,600	2,800	2,500	2,700	<25[f]	--
11/28/01	15.42	5.77	9.65	--	57,000	10,000	2,900	2,900	2,800	<250/<5.0[f]	--
02/14/02	15.40	7.73	7.67	--	51	2.9	<0.50	1.9	1.8	<2.5/<2[f]	--
05/15/02	15.40	7.05	8.35	--	4,100	910	250	210	240	<20/<2[f]	--
08/05/02	15.40	5.96	9.44	--	58,000	11,000	4,300	3,400	4,000	<250/<10[f]	--
11/30/02	15.40	5.14	10.26	--	46,000	13,000	2,900	3,700	2,600	<100/<10[f]	--
02/24-25/03[l]	15.40	7.89	7.51	4,500	52,000	9,600	4,800	2,900	4,100	<130	--
06/02/03	15.40	7.24	8.16	6,500	67,000	11,000	9,600	3,400	5,700	<250	--
09/02/03	15.40	5.89	9.51	10,000	73,000	8,900	10,000	3,600	7,000	300	--
11/21/03	15.40	5.17	10.23	8,000	29,000	3,300	3,200	1,200	1,500	<200	--
02/27/04	15.40	8.84	6.56	200	59	8.2	6.3	1.7	6.8	<2.5	--
05/28/04	15.40	6.57	8.83	5,400	18,000	2,600	970	1,600	950	<100	--
08/31/04	15.40	5.41	9.99	9,100	58,000	3,200	9,600	2,800	7,500	<50	--
12/17/04	15.40	6.81	8.59	2,200[o]	23,000	1,100	2,100	1,200	2,600	<25	--
03/28/05	15.40	9.29	6.11	3,200[o]	43,000	1,500	10,000	2,600	7,300	<130	--
06/09/05	15.40	8.65	6.75	7,800[o]	38,000	980	7,000	2,100	4,800	190	--
08/19/05	15.40	6.43	8.97	5,000[o,p,r]	75,000	1,500	14,000	3,400	9,600	<130	--
11/18/05	15.40	5.95	9.45	3,900[o,r]	72,000	1,400	14,000	3,600	9,700	380	--
03/07/06	15.40	9.05	6.35	1,100[o]	15,000	280	2,300	820	2,000	<100	--
05/17/06	15.40	8.57	6.83	4,400[o]	57,000	650	8,100	2,900	8,100	410	--
08/30/06	15.40	5.44	9.96	4,300[o]	54,000	540	7,600	4,100	10,000	550	--
11/28/06	15.40	5.62	9.78	4,400[o]	43,000	260	3,400	3,800	5,800	<1,000	--
02/06/07	18.07	8.70	9.37	5,000[o]	43,000	290	6,200	3,400	6,400	<500	--
05/02/07	18.07	9.67	8.40	4,500[o]	43,000	290	4,100	3,800	6,500	<500	--
08/17/07	18.07	8.50	9.57	4,900[o]	46,000	240	1,900	3,800	5,600	310	--
11/16/07[v]	18.07	8.29	9.78	860[o]	450	34	23	53	25	4.1	--
02/05/08	18.07	10.97	7.10	2,400[o]	18,000	210	950	1,800	1,700	<500	--
05/20/08	18.07	8.99	9.08	6,900[o]	45,000	190	4,900	2,800	6,200	<500[w]	--
08/06/08	18.07	8.26	9.81	5,000[o]	40,000	220	1,500	3,200	6,500	<500[w]	--
12/05/08	18.07	7.56	10.51	4,000[o]	15,000	26	590	1,800	1,800	230	--
02/09/09	18.07	8.02	10.05	2,800[o]	20,000	170	710	1,800	2,500	<400[w]	--
05/08/09	18.07	9.95	8.12	2,900[o]	15,000	88	900	2,100	1,400	<250[w]	--
08/07/09	18.07	8.20	9.87	2,900[o]	41,000	150	2,400	3,800	6,700	<500[w]	--
02/25/10	**18.07**	**10.57**	**7.50**	**1,800[o]**	**15,000**	**42**	**320**	**1,600**	**1,100**	**330**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-4											
10/27/95	14.45	9.37	5.08	--	66	6.8	<0.5	<0.5	<0.5	--	--
02/20/97	14.40	8.12	6.28	--	54	<0.5	<0.5	<0.5	7.4	39	--
04/24/97	14.40	7.29	7.11	--	54	1.4	<0.5	0.65	3.0	100	--
07/23/97	14.40	5.80	8.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.40	5.74	8.66	--	--	--	--	--	--	--	--
11/13/97	14.40	4.97	9.43	--	<50	<0.5	0.79	<0.5	<0.5	<2.5	--
01/28/98	14.40	8.88	5.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.40	8.40	6.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
07/16/98	14.40	7.08	7.32	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98[a]	14.40	6.28	8.12	--	--	--	--	--	--	--	1.8 x 1
09/03/98[a]	14.40	6.32	8.08	--	--	--	--	--	--	--	1.4 x 1
10/21/98[b]	14.40	5.64	8.76	--	--	--	--	--	--	--	8.6 x 1
11/04/98	14.40	5.61	8.79	--	--	--	--	--	--	--	--
01/26/99	14.40	6.71	7.69	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.40	8.15	6.25	--	--	--	--	--	--	--	--
08/21/99	14.40	8.13	6.27	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/28/99	14.40	4.14	10.26	--	--	--	--	--	--	--	--
01/31/00	14.40	7.07	7.33	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	14.40	7.52	6.88	--	--	--	--	--	--	--	--
08/07/00	14.40	6.23	8.17	--	<50	4.3	0.60	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	14.40	INACCESSIBLE		--	--	--	--	--	--	--	--
02/09/01	14.40	INACCESSIBLE		--	--	--	--	--	--	--	--
05/29/01	14.40	6.58	7.82	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
08/27/01	14.40	6.52	7.88	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
11/28/01	14.40	DRY	--	--	--	--	--	--	--	--	--
02/14/02	14.37	7.66	6.71	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02	14.37	6.96	7.41	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
08/05/02	14.37	DRY	--	--	--	--	--	--	--	--	--
11/30/02	14.37	DRY	--	--	--	--	--	--	--	--	--
02/24-25/03[l]	14.37	7.77	6.60	200	<50	8.0	<0.50	<0.50	<1.5	<2.5	--
06/02/03	14.37	7.11	7.26	300	<50	4.3	<0.5	<0.5	<1.5	<2.5	--
09/02/03	14.37	5.80	8.57	410	51	4.3	<0.5	<0.5	<1.5	<2.5	--
11/21/03	--[n]	--[n]	10.24	560	110	25	0.6	1.5	<1.5	<2.5	--
02/27/04	--[n]	--[n]	5.71	340	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	--[n]	--[n]	7.88	430	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--[n]	--[n]	9.03	460	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--[n]	--[n]	7.67	390[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-4 (cont)											
03/28/05	--[n]	--[n]	5.32	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	--[n]	--[n]	6.70	120[o]	90	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--[n]	--[n]	8.03	190[o,p,q]	200	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--[n]	--[n]	9.43	310[o,t]	230	2.7	<0.5	0.8	<1.5	<2.5	--
03/07/06	--[n]	--[n]	5.55	230[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--[n]	--[n]	5.89	150[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--[n]	--[n]	7.71	380[o]	1,300	47	<2.5	<2.5	<7.5	<50	--
11/28/06	--[n]	--[n]	8.75	1,800[o]	1,200	36	1.1	3.4	<5.0	<20	--
02/06/07	16.98	8.58	8.40	1,600[o]	13,000[u]	3,700[u]	60[u]	880[u]	170[u]	210[u]	--
05/02/07	16.98	9.53	7.45	170[o]	1,400	170	0.6	0.9	1.6	<50	--
08/17/07	16.98	8.35	8.63	1,600[o]	4,700	870	3.8	49	<10	30	--
11/16/07	16.98	8.20	8.78	2,000[o]	3,700	780	5.6	100	7.8	25	--
02/05/08	16.98	10.75	6.23	250[o]	1,100	270	2.2	63	7.6	<50	--
05/20/08	16.98	8.91	8.07	1,100[o]	3,300	720	4.1	13	15	<50[w]	--
08/06/08	16.98	8.09	8.89	2,200[o]	11,000	2,700	33	460	87	<100[w]	--
12/05/08	16.98	7.46	9.52	540[o]	2,500	380	1.4	22	<5.0[x]	11	--
02/09/09	16.98	7.97	9.01	610[o]	890	6.4	0.5	2.9	<1.5	<5.0[w]	--
05/08/09	16.98	9.80	7.18	140[o]	560	29	<0.5	1.2	<1.5	<5.0[w]	--
08/07/09	16.98	8.10	8.88	1,000[o]	1,900	260	1.2	7.1	3.0	8.3	--
02/25/10	**16.98**	**10.37**	**6.61**	**54[o,z]**	**56**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-5											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
04/24/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
04/30/97	15.03	7.06	7.97	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
10/29/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
01/28/98	15.03	8.83	6.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
07/16/98	15.03	7.28	7.75	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
11/04/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
01/26/99	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
05/06/99	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
08/21/99	15.03	6.74	8.29	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-5 (cont)											
10/28/99	15.03	4.60	10.43	--	--	--	--	--	--	--	--
01/31/00	15.03	7.39	7.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	15.03	7.85	7.18	--	--	--	--	--	--	--	--
08/07/00	15.03	INACCESSIBLE		--	--	--	--	--	--	--	--
12/01/00	15.03	5.68	9.35	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50/<2.0[f]	--
02/09/01	15.03	6.22	8.81	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
05/29/01	15.03	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
08/27/01	15.03	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
11/28/01	15.03	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
02/14/02	15.01	7.96	7.05	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02	15.01	7.23	7.78	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
08/05/02	15.01	6.13	8.88	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
11/30/02	15.01	5.27	9.74	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
02/24-25/03[l]	15.01	7.99	7.02	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	15.01	7.14	7.87	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	15.01	6.02	8.99	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	15.01	5.26	9.75	68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	15.01	8.42	6.59	140	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	15.01	6.71	8.30	76	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	15.01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
12/17/04	15.01	6.98	8.03	52[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	15.01	8.66	6.35	51[o]	<50	<0.5	0.7	<0.5	<1.5	<2.5	--
06/09/05	15.01	9.16	5.85	72[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	15.01	6.52	8.49	<50[o,p]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	15.01	6.12	8.89	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	15.01	8.98	6.03	<50[o]	<50	<0.5	<0.5	1.4	<1.5	<2.5	--
05/17/06	15.01	8.83	6.18	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	15.01	6.86	8.15	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	15.01	6.46	8.55	200[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	17.68	8.83	8.85	55[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	17.68	9.91	7.77	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	17.68	8.63	9.05	66[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	17.68	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
02/05/08	17.68	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
02/29/08	17.68	10.88	6.80	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	17.68	9.21	8.47	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	17.68	8.29	9.39	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-5 (cont)											
12/05/08	17.68	7.63	10.05	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	17.68	8.21	9.47	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	17.68	10.16	7.52	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	17.68	8.33	9.35	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**17.68**	**10.76**	**6.92**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-6											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	14.73	8.11	6.62	--	800	310	23	11	28	<12	--
04/24/97	14.73	7.13	7.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	14.73	5.73	9.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.73	4.98	9.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	14.73	8.19	6.54	--	160	38	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.73	8.08	6.65	--	1,700	490	72	39	52	<25	--
07/16/98	14.73	7.04	7.69	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98[a]	14.73	6.89	7.84	--	--	--	--	--	--	--	8.6 x 1
09/03/98[a]	14.73	6.24	8.49	--	--	--	--	--	--	--	2.9 x 1
10/21/98[b]	14.73	5.46	9.27	--	--	--	--	--	--	--	1.8 x 1
11/04/98	14.73	5.52	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/26/99	14.73	6.49	8.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.73	7.91	6.82	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/21/99	14.73	7.93	6.80	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/28/99	14.73	5.27	9.46	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/31/00	14.73	7.16	7.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	14.73	7.60	7.13	--	<50	11	<0.5	<0.5	<0.5	<2.5	--
08/07/00	14.73	6.22	8.51	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	14.73	DRY	--	--	--	--	--	--	--	--	--
02/09/01	14.73	DRY	--	--	--	--	--	--	--	--	--
05/29/01	14.73	6.63	8.10	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
08/27/01[h]	14.73	9.83	4.90	--	150	<0.50	5.7	<0.50	<0.50	<5.0[f]	--
11/28/01	14.73	DRY	--	--	--	--	--	--	--	--	--
02/14/02	14.68	7.90	6.78	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	14.68	7.32	7.36	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	14.68	DRY	--	--	--	--	--	--	--	--	--
11/30/02	14.68	DRY	--	--	--	--	--	--	--	--	--
02/24-25/03[l]	14.68	7.89	6.79	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-6 (cont)											
06/02/03	14.68	7.20	7.48	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	14.68	5.77	8.91	190	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	14.68	4.86	9.82	98	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	14.68	8.12	6.56	240	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	14.68	6.43	8.25	150	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	14.68	5.29	9.39	360[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	14.68	6.85	7.83	91[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	14.68	8.34	6.34	61[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	14.68	7.95	6.73	64[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	14.68	6.27	8.41	<50[o,p]	<50[s]	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	14.68	DRY AT 15.70 FEET		--	--	--	--	--	--	--	--
03/07/06	14.68	8.03	6.65	<50[o]	<50	<0.5	<0.5	0.9	<1.5	<2.5	--
05/17/06	14.68	7.98	6.70	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	14.68	6.63	8.05	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	14.68	6.09	8.59	120[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	17.33	8.58	8.75	96[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	17.33	9.64	7.69	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	17.33	8.38	8.95	66[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	17.33	8.19	9.14	250[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	17.33	10.55	6.78	120[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	17.33	8.92	8.41	70[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	17.33	8.06	9.27	<160[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	17.33	7.44	9.89	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	17.33	7.99	9.34	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	17.33	10.01	7.32	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	17.33	8.11	9.22	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**17.33**	**10.58**	**6.75**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-7											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	16.36	8.86	7.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	16.36	7.59	8.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	16.36	6.09	10.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	16.36	5.28	11.08	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	16.36	9.10	7.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	16.36	9.11	7.25	SAMPLED ANNUALLY		--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-7 (cont)											
07/16/98	16.36	8.00	8.36	--	--	--	--	--	--	--	--
08/04/98[a]	16.36	7.32	9.04	--	--	--	--	--	--	--	1.5 x 1
09/03/98[a]	16.36	6.65	9.71	--	--	--	--	--	--	--	6.5 x 1
10/21/98[b]	16.36	5.96	10.40	--	--	--	--	--	--	--	4.8 x 1
11/04/98	16.36	5.89	10.47	--	--	--	--	--	--	--	--
01/26/99	16.36	8.25	8.11	--	<50	<0.5	<0.5	<0.5	0.5	<2.0	--
05/06/99	16.36	8.47	7.89	--	--	--	--	--	--	--	--
08/21/99	16.36	8.51	7.85	--	--	--	--	--	--	--	--
10/28/99	16.36	6.04	10.32	--	--	--	--	--	--	--	--
01/31/00	16.36	7.57	8.79	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	16.36	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
08/07/00	16.36	6.67	9.69	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	16.36	5.84	10.52	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	16.36	6.30	10.06	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	16.36	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
08/27/01[h]	16.36	6.02	10.34	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0[f]	--
11/28/01	16.36	6.09	10.27	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/14/02	16.31	8.21	8.10	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	16.31	7.41	8.90	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	16.31	6.26	10.05	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02	16.31	5.39	10.92	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/24-25/03[l]	16.31	8.30	8.01	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	16.31	7.67	8.64	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	16.31	6.17	10.14	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	16.31	UNABLE TO LOCATE - BURIED			--	--	--	--	--	--	--
02/27/04	16.31	UNABLE TO LOCATE - BURIED			--	--	--	--	--	--	--
05/28/04	--[n]	--[n]	9.40	91	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--[n]	--[n]	10.61	150[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--[n]	--[n]	9.16	170[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	--[n]	--[n]	7.21	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	--[n]	--[n]	7.71	86[o]	55	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--[n]	--[n]	9.88	820[o,p,q]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--[n]	--[n]	10.06	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	--[n]	--[n]	6.95	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--[n]	--[n]	7.52	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--[n]	--[n]	10.73	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	--[n]	--[n]	10.70	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-7 (cont)											
02/06/07	19.26	8.91	10.35	73[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	19.26	9.98	9.28	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	19.26	8.75	10.51	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	19.26	8.56	10.70	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	19.26	11.43	7.83	100[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	19.26	9.32	9.94	52[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	19.26	8.41	10.85	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	19.26	7.71	11.55	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	19.26	8.23	11.03	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	19.26	10.23	9.03	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	19.26	8.40	10.86	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**19.26**	**10.84**	**8.42**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-8											
02/14/02[i,j]	15.29	7.30	7.99	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02[k]	15.29	6.66	8.63	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02[k]	15.29	5.48	9.81	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02[k]	15.29	4.85	10.44	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/24-25/03[l]	15.29	7.46	7.83	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	15.29	6.83	8.46	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	15.29	5.57	9.72	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	15.29	4.89	10.40	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	15.29	8.38	6.91	280	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	15.29	6.33	8.96	72	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	15.29	4.79	10.50	92[m]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	15.29	6.68	8.61	53[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	15.29	8.79	6.50	<50[o]	<50	<0.5	0.9	<0.5	<1.5	<2.5	--
06/09/05	15.29	8.26	7.03	63[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	15.29	6.18	9.11	<50[o,p]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	15.29	5.47	9.82	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	15.29	8.60	6.69	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	15.29	8.21	7.08	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	15.29	6.57	8.72	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	15.29	6.38	8.91	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	17.79	8.39	9.40	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	17.79	9.33	8.46	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-8 (cont)											
08/17/07	17.79	8.18	9.61	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	17.79	8.04	9.75	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	17.79	10.44	7.35	120[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	17.79	8.69	9.10	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	17.79	7.89	9.90	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	17.79	7.30	10.49	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	17.79	7.86	9.93	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	17.79	9.60	8.19	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	17.79	7.95	9.84	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**17.79**	**10.27**	**7.52**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**
MW-9											
04/20/07[i]	18.42	10.39	8.03	1,100[o]	4,100	28	6.9	9.2	240	--	--
06/22/07	18.42	8.82	9.60	310[o]	500	4.4	<0.5	<0.5	12	--	--
08/17/07	18.42	8.67	9.75	92[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.42	8.40	10.02	470[o]	92	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.42	11.08	7.34	390[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.42	9.16	9.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.42	8.31	10.11	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.42	7.64	10.78	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.42	8.15	10.27	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.42	10.11	8.31	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.42	8.33	10.09	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.42**	**10.70**	**7.72**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-10											
04/20/07[i]	17.99	8.35	9.64	260[o]	1,200	29	31	11	140	--	--
06/22/07	17.99	8.29	9.70	110[o]	<50	1.5	<0.5	<0.5	<1.5	--	--
08/17/07	17.99	7.81	10.18	53[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	17.99	6.90	11.09	140[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	17.99	9.65	8.34	330[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	17.99	8.28	9.71	120[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	17.99	7.50	10.49	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	17.99	6.67	11.32	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-10 (cont)											
02/09/09	17.99	7.19	10.80	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	17.99	8.96	9.03	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	17.99	7.41	10.58	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**17.99**	**9.11**	**8.88**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-11											
04/20/07[i]	18.68	9.88	8.80	350[o]	77	<2.0	4.6	<0.5	3.2	--	--
06/22/07	18.68	9.35	9.33	140[o]	51	<0.5	<0.5	<0.5	<1.5	--	--
08/17/07	18.68	8.66	10.02	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.68	8.47	10.21	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.68	11.10	7.58	84[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.68	9.20	9.48	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.68	8.37	10.31	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.68	7.63	11.05	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.68	8.17	10.51	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.68	10.12	8.56	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.68	8.34	10.34	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.68**	**10.70**	**7.98**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-12											
04/20/07[i]	18.46	12.88	5.58	430[o]	400	2.3	40	14	49	--	--
06/22/07	18.46	7.75	10.71	390[o]	<50	0.7	1.1	<0.5	4.3	--	--
08/17/07	18.46	7.91	10.55	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.46	6.96	11.50	200[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.46	8.62	9.84	200[o]	51	0.9	<0.5	<0.5	<1.5	--	--
02/05/08	18.46	8.80	9.66	66[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.46	6.40	12.06	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.46	6.20	12.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.46	6.53	11.93	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.46	8.64	9.82	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.46	6.41	12.05	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.46**	**8.08**	**10.38**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-13											
04/20/07[i]	18.43	9.46	8.97	140[o]	650	16	23	7.5	61	--	--
06/22/07	18.43	8.99	9.44	400[o]	<50	0.6	0.9	<0.5	<1.5	--	--
08/17/07	18.43	8.53	9.90	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.43	8.37	10.06	350[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.43	10.85	7.58	57[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.43	8.99	9.44	100[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.43	8.18	10.25	78[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/05/08	18.43	7.53	10.90	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.43	8.00	10.43	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.43	9.93	8.50	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.43	8.20	10.23	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.43**	**10.51**	**7.92**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-14											
04/20/07[i]	18.59	8.17	10.42	2,000[o]	16,000	550	1,600	620	2,400	--	--
06/22/07	18.59	7.55	11.04	1,300[o]	3,700	190	150	49	580	--	--
08/17/07	18.59	7.82	10.77	780[o]	2,600	74	54	11	220	--	--
11/16/07	18.59	7.58	11.01	690[o]	850	45	3.5	14	32	--	--
02/05/08	18.59	8.99	9.60	160[o]	450	16	2.7	7.6	3.0	--	--
05/20/08	18.59	7.69	10.90	120[o]	<50	0.7	<0.5	<0.5	<1.5	--	--
08/06/08	18.59	7.35	11.24	88[o]	<50	0.9	<0.5	<0.5	<1.5	--	--
12/05/08	18.59	6.83	11.76	<50[o]	100	1.7	0.5	<0.5	<1.5	--	--
02/09/09	18.59	7.11	11.48	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.59	8.01	10.58	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.59	7.48	11.11	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.59**	**8.72**	**9.87**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-15											
04/20/07[i]	18.38	9.78	8.60	720[o]	240	1.0	1.3	<0.5	20	--	--
06/22/07	18.38	9.09	9.29	150[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/17/07	18.38	8.65	9.73	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
11/16/07	18.38	8.41	9.97	140[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/05/08	18.38	10.97	7.41	52[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/20/08	18.38	9.12	9.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.38	8.30	10.08	190[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-15 (cont)											
12/05/08	18.38	7.58	10.80	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.38	8.12	10.26	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.38	10.02	8.36	53[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.38	8.30	10.08	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.38**	**10.61**	**7.77**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-16											
04/20/07[i]	18.57	8.75	9.82	2,200[o]	15,000	87	1,200	500	2,000	--	--
06/22/07	18.57	8.20	10.37	2,100[o]	10,000	130	1,800	580	1,400	--	--
08/17/07	18.57	7.81	10.76	640[o]	8,200	110	1,400	280	730	--	--
11/16/07	18.57	7.54	11.03	370[o]	1,600	22	270	60	160	--	--
02/05/08	18.57	9.74	8.83	350[o]	930	2.6	15	9.3	18	--	--
05/20/08	18.57	8.26	10.31	79[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.57	7.49	11.08	74[o]	<50	<0.5	<0.5	0.6	<1.5	--	--
12/05/08	18.57	6.80	11.77	89[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
02/09/09	18.57	7.18	11.39	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.57	8.92	9.65	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.57	7.52	11.05	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.57**	**9.36**	**9.21**	**<50[o]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**
MW-17											
04/20/07[i]	18.55	-0.95	19.50	1,300[o]	7,400	66	880	300	1,300	--	--
06/22/07	18.55	8.21	10.34	690[0]	2,000	35	27	9.3	360	--	--
08/17/07	18.55	2.33	16.22	240[o]	380	6.7	2.3	0.5	15	--	--
11/16/07	18.55	3.22	15.33	270[o]	190	4.0	4.0	1.5	27	--	--
02/05/08	18.55	4.94	13.61	460[o]	1,000	16	26	49	60	--	--
05/20/08	18.55	8.29	10.26	89[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/06/08	18.55	5.82	12.73	150[o]	180	2.5	2.0	2.8	1.5	--	--
12/05/08	18.55	6.62	11.93	120[o]	360	3.4	<2.0[y]	0.7	<1.5	--	--
02/09/09	18.55	6.68	11.87	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/08/09	18.55	8.79	9.76	<50[o]	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/07/09	18.55	7.51	11.04	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
02/25/10	**18.55**	**8.92**	**9.63**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
AS-1											
02/25/10[i]	--	--	**7.63**	--	--	--	--	--	--	--	--
AS-2											
02/25/10[i]	--	--	**8.05**	--	--	--	--	--	--	--	--
AS-3											
02/25/10[i]	--	--	**8.12**	--	--	--	--	--	--	--	--
AS-4											
02/25/10[i]	--	--	**7.98**	--	--	--	--	--	--	--	--
AS-5											
02/25/10[i]	--	--	**7.80**	--	--	--	--	--	--	--	--
AS-6											
02/25/10[i]	--	--	**8.04**	--	--	--	--	--	--	--	--
AS-7											
02/25/10[i]	--	--	**8.01**	--	--	--	--	--	--	--	--
AS-8											
02/25/10[i]	--	--	**7.94**	--	--	--	--	--	--	--	--
MW-1											
10/27/95	15.69	10.54	5.15	--	170,000	19,000	34,000	4,800	26,000	--	--
02/20/97	15.64	8.96	6.68	--	18,000	870	3,500	470	2,100	<250	--
04/24/97	15.64	7.30	8.34	--	76,000	4,600	16,000	1,600	8,300	1,000	--
07/23/97	15.64	5.90	9.74	--	37,000	2,700	8,000	870	6,100	<250	--
10/29/97	15.64	INACCESSIBLE		--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
MW-1 (cont)											
01/28/98	15.64	9.30	6.34	--	10,000	380	2,000	300	1,500	<25	--
05/11/98	15.64	8.72	6.92	--	17,000	880	3,100	380	2,300	<250	--
07/16/98	15.64	7.23	8.41	--	29,000	2,700	6,800	890	3,900	<1,000	--
08/04/98[a]	15.64	6.90	8.74	--	--	--	--	--	--	--	<1.0 x
09/03/98[a]	15.64	6.43	9.21	--	--	--	--	--	--	--	4.1 x 1
10/21/98[b]	15.64	5.59	10.05	--	--	--	--	--	--	--	4.7 x 1
11/04/98	15.64	5.64	10.00	--	25,000	1,900	5,900	810	4,300	<125	--
01/26/99	15.64	6.86	8.78	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.64	8.17	7.47	--	8,050	515	1,840	256	1,190	300/<20[c]	--
08/21/99	15.64	13.27	2.37	--	46,500	2,530	8,700	1,010	5,300	<1,250/<40[c]	--
10/28/99	15.64	5.46	10.18	--	31,600	1,580	6,100	794	4,400	1,270	--
01/31/00	15.64	7.49	8.15	--	7,270	366	1,280	171	935	<12.5	--
05/19/00	15.64	7.78	7.86	--	8,000[e]	870	1,200	430	1,200	<250	--
08/07/00	15.64	6.42	9.22	--	37,000[e]	2,400	8,500	1,100	5,500	1,500/<4.0[f]	--
12/01/00	15.64	5.25	10.39	--	25,500[g]	1,390	4,920	801	4,330	<500/<10[f]	--
02/09/01	15.64	6.10	9.54	--	8,900[e]	850	1,300	470	1,700	820/<2.0[f]	--
05/29/01	15.64	6.79	8.85	--	24,000[e]	1,800	5,600	740	3,700	<250/<2.0[f]	--
08/27/01[h]	15.64	5.83	9.81	--	27,000	1,400	4,400	710	3,400	<20[f]	--
11/28/01	15.64	5.84	9.80	--	26,000	1,300	3,900	620	3,400	<100/<2[f]	--
02/14/02	15.63	8.34	7.29	--	1,400	100	360	45	240	9.3/<2[f]	--
05/15/02	15.63	7.18	8.45	--	37,000	2,400	7,300	1,000	4,800	<100/<3.0[f]	--
08/05/02	15.63	6.09	9.54	--	27,000	1,500	4,600	700	3,400	<100/<3.0[f]	--
DESTROYED											
TRIP BLANK											
02/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/04/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/26/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/31/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
TRIP BLANK (cont)											
05/19/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/07/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/01/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/27/01[h]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0[f]	--
QA				--							
11/28/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/14/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/30/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/24-25/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/02/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/02/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/21/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/27/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/28/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/31/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/17/04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/09/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	--	--	--		<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
04/20/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
06/22/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/17/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/29/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	CUB (cfu/m
QA (cont)											
08/06/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 19, 2000 were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes

MTBE = Methyl Tertiary Butyl Ether
CUB = Contaminate utilizing bacteria
(cfu/ml) = Colony forming unit per milliliter
(µg/L) = Micrograms per liter
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on May 30, 2007, by Morrow Surveying. Vertical Datum is NAVD 88 from GPS observations.
Gettler-Ryan received updated TOC data March 12, 2007. Vertical Datum is NAVD 88 from GPS observations.
TOC elevations were surveyed on August 17, 2005, by Morrow Surveying.
On February 18, 2003, MW-1A was surveyed using the previous benchmark.
TOC elevations were surveyed on December March 4, 2002, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, #25-H monument disk in well casting in sidewalk at the northwest corner of 7th and Center. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83), (Benchmark Elevation = 10.784 feet NGVD 29).

[a] Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.
[b] Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.
[c] Confirmation run.
[d] Chromatogram pattern indicates an unidentified hydrocarbon.
[e] Laboratory report indicates gasoline C6-C12.
[f] MTBE by EPA Method 8260.
[g] Laboratory reports indicates weathered gasoline C6-C12.
[h] TPH-G and BTEX by EPA Method 8260.
[i] Well development performed.
[j] TPH-D was detected at 130 ppb.
[k] TPH-D was <50 ppb.
[l] Well re-development performed.
[m] Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
[n] TOC damaged; unable to calculate an accurate GWE.
[o] Analyzed with silica gel clean-up.
[p] Laboratory report indicates analysis performed out of hold time.
[q] Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
[r] Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

EXPLANATIONS:

[s] Laboratory report indicates the analysis was performed from a previously opened vial and the results are therefore estimated.

[t] Laboratory report indicates the observed sample pattern includes #2 fuel/diesel, an additional pattern which elutes later in the DRO range, and individual peaks eluting in the DRO range.

[u] Laboratory confirmed result.

[v] Current laboratory analytical results do not coincide with historical data and although laboratory results were confirmed; it appears that the samples were switched.

[w] Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

[x] Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for total xylenes. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

[y] Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for toluene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

[z] Laboratory report indicates DRO was detected in the method blank at a concentration of 50 µg/L. Due to insufficient sample volume, a repeat analysis could not be performed to confirm the results.

[aa] Laboratory report indicates the ending calibration check standard did not meet the 15% criteria for the original analysis. The sample was reanalyzed from the vial with headspace and the result was <50 µg/L.

Table 2

Field Measurements and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	Pre-purge DO *(mg/L)*	Post-purge D.O. *(mg/L)*	Pre-purge ORP *(mV)*	Post-purge ORP *(mV)*	Total Alkalinity *(µg/L)*	Ferrous Iron *(µg/L)*	Nitrate as Nitrate *(µg/L)*	Sulfate *(µg/L)*
MW-1								
09/03/98	2.3	1.6	-90	-103	230,000	9,800	<1,000	6,100
MW-2								
09/03/98	2.8	2.5	-206	-163	390,000	7,400	<1,000	21,000
MW-3								
09/03/98	3.1	0.7	-124	-99	830,000	45,000	<1,000	10,000
MW-4								
09/03/98	2.6	1.1	-190	-206	--	--	--	--
MW-6								
09/03/98	2.6	3.2	-148	-167	94,000	62	28,000	47,000
MW-7								
09/03/98	2.7	3.2	-207	-229	170,000	120	7,800	57,000

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

D.O. = Dissolved Oxygen
(mg/L) = Milligram per liter
ORP = Oxidation Reduction Potential
(mV) = Millivolts
(µg/L) = Micrograms per liter
-- = Not Analyzed

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID	DATE	METHANOL (mg/L)	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg /L)
MW-1	08/07/00	--	<1,000	410	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	12/01/00	--	<2,500	<250	<10	<10	<10	<10	<10	<10
	02/09/01	--	<500	340	<2.0	<2.0	<2.0	53	<2.0	<2.0
	05/29/01	--	<500	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	<2.000	<200	230	<20	<20	<20	<20	<20	<20
	11/28/01	--	<500	130	<2	<2	<2	<2	<2	<2
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	--	<500	120	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08/05/02	--	<500	100	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	DESTROYED									
MW-2	08/07/00		<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
MW-3	08/07/00	--	<500	2,600	<10	<10	<10	<10	490	17
	02/09/01	--	<500	2,000	<2.0	<2.0	<2.0	35	<2.0	<2.0
	05/29/01	--	<500	1,700[1]	<2.0	<2.0	<2.0	38	980[1]	7.4
	08/27/01	<5.000	<250	1,300	<25	<25	<25	<25	380	<25
	11/28/01	--	<500	1,500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	--	<500	110	<2	<2	<2	<2	120	<2
	08/05/02	--	<1,000	1,400	<10	<10	<10	<10	670	<10
	11/30/02	--	<1,000	1,200	<10	<10	<10	<10	380	<10
MW-4	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	18	<2.0
	08/27/01	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
	11/28/01	DRY	--	--	--	--	--	--	--	--
	02/14/02	--	<500	<100	<2	<2	<2	<2	9	<2
	05/15/02	--	<500	<100	<2	<2	<2	<2	4	<2
	08/05/02	DRY	--	--	--	--	--	--	--	--
	11/30/02	DRY	--	--	--	--	--	--	--	--
MW-5	12/01/00	--	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	02/09/01	--	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--
	11/28/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID	DATE	METHANOL (mg/L)	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg /L)
MW-5 (cont)	05/15/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	08/05/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	11/30/02	--	<500	<100	<2	<2	<2	<2	<2	<2
MW-6	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
	11/30/02	DRY	--	--	--	--	--	--	--	--
MW-7	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
MW-8	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = Di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(mg/L) = milligrams per liter
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8260 (modified) for Methanol
EPA Method 8260 for Oxygenate Compounds

[1] Laboratory report indicates this sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.