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

RECEIVED

By Alameda County Environmental Health 8:25 am, Mar 24, 2017

Re: Former Signal Oil Station No. 206145
800 Center Street
Oakland, California
ACEH Case RO0000454

I have read and acknowledged the content, recommendations and/or conclusions contained in the attached *First Quarter 2017 Groundwater Monitoring and Sampling Report* submitted on my behalf to ACDEH's FTP server and the SWRCB's Geotracker website.

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.

Sincerely,

A handwritten signature in cursive script that reads "Carryl MacLeod".

Ms. Carryl MacLeod
Project Manager

Attachment: *First Quarter 2017 Groundwater Monitoring and Sampling Report*



March 22, 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: First Quarter 2017 Groundwater Monitoring and Sampling Report
Former Signal Oil Service Station 206145
800 Center Street
Oakland, California
ACEH Case RO0000454**

Dear Mr. Detterman:

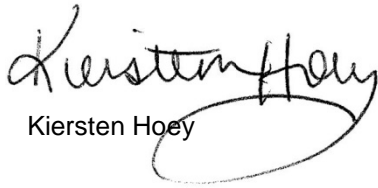
GHD is submitting this *First Quarter 2017 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Gettler Ryan, Inc. (G-R) of Dublin, California and their *Groundwater Monitoring and Sampling Data Package* is included as Attachment A. Only shallow groundwater monitoring wells were monitored and sampled per the established schedule. 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.



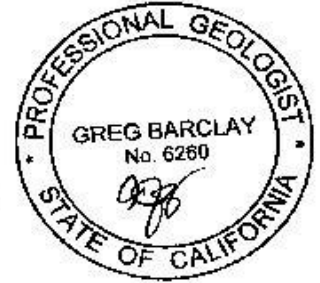
Should you have any questions on the above, please do not hesitate to contact Kiersten Hoey at (510) 420-3347.

Cordially,

GHD


Kiersten Hoey


Greg Barclay PG 6260



KH/cw/36
Encl.

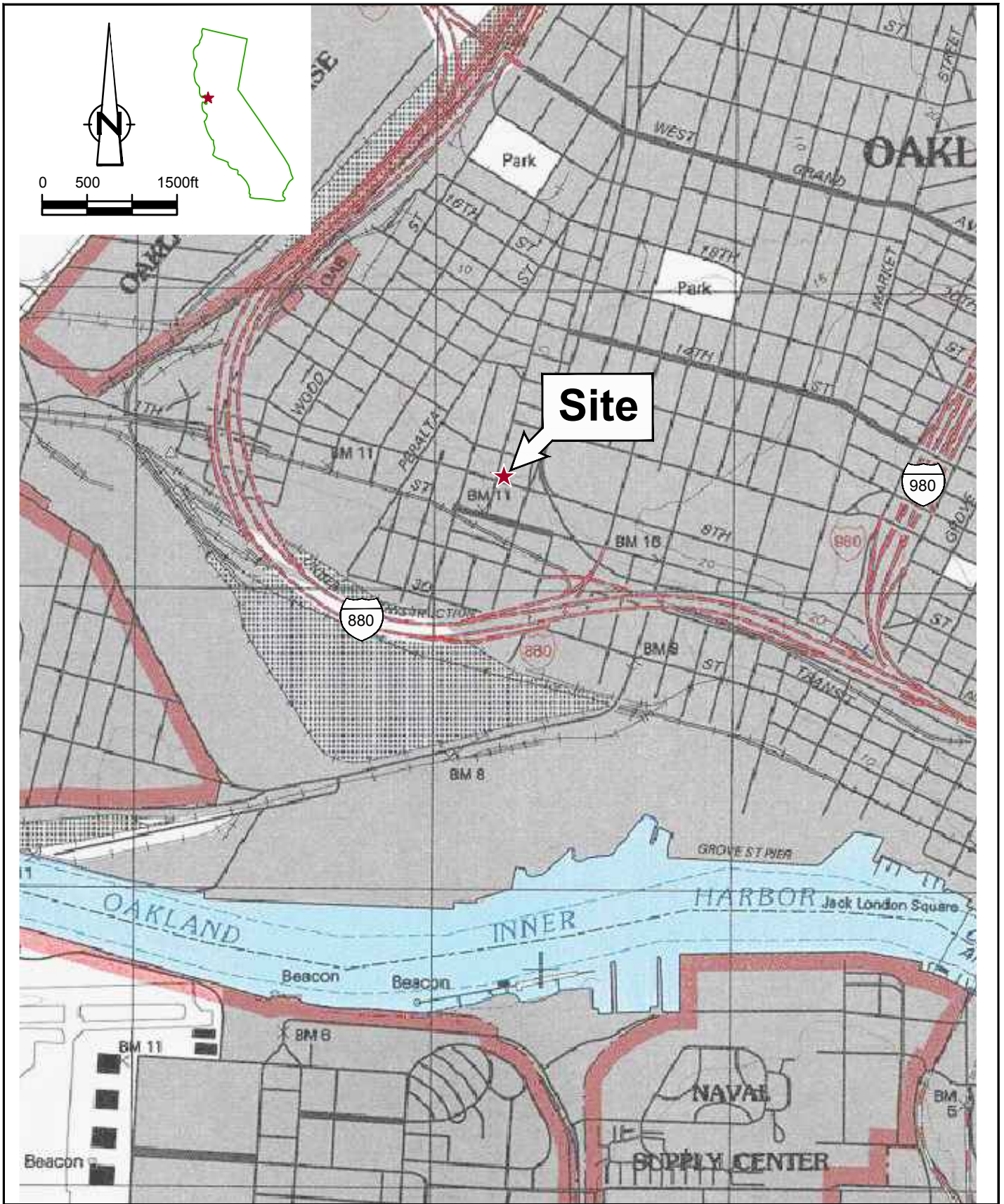
- Figure 1 Vicinity Map
- Figure 2 Groundwater Elevation Contour and Hydrocarbon Concentration Map

- 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: Ms. Carryl MacLeod, Chevron (*electronic copy*)

Figures



Source: TOPO! MAPS

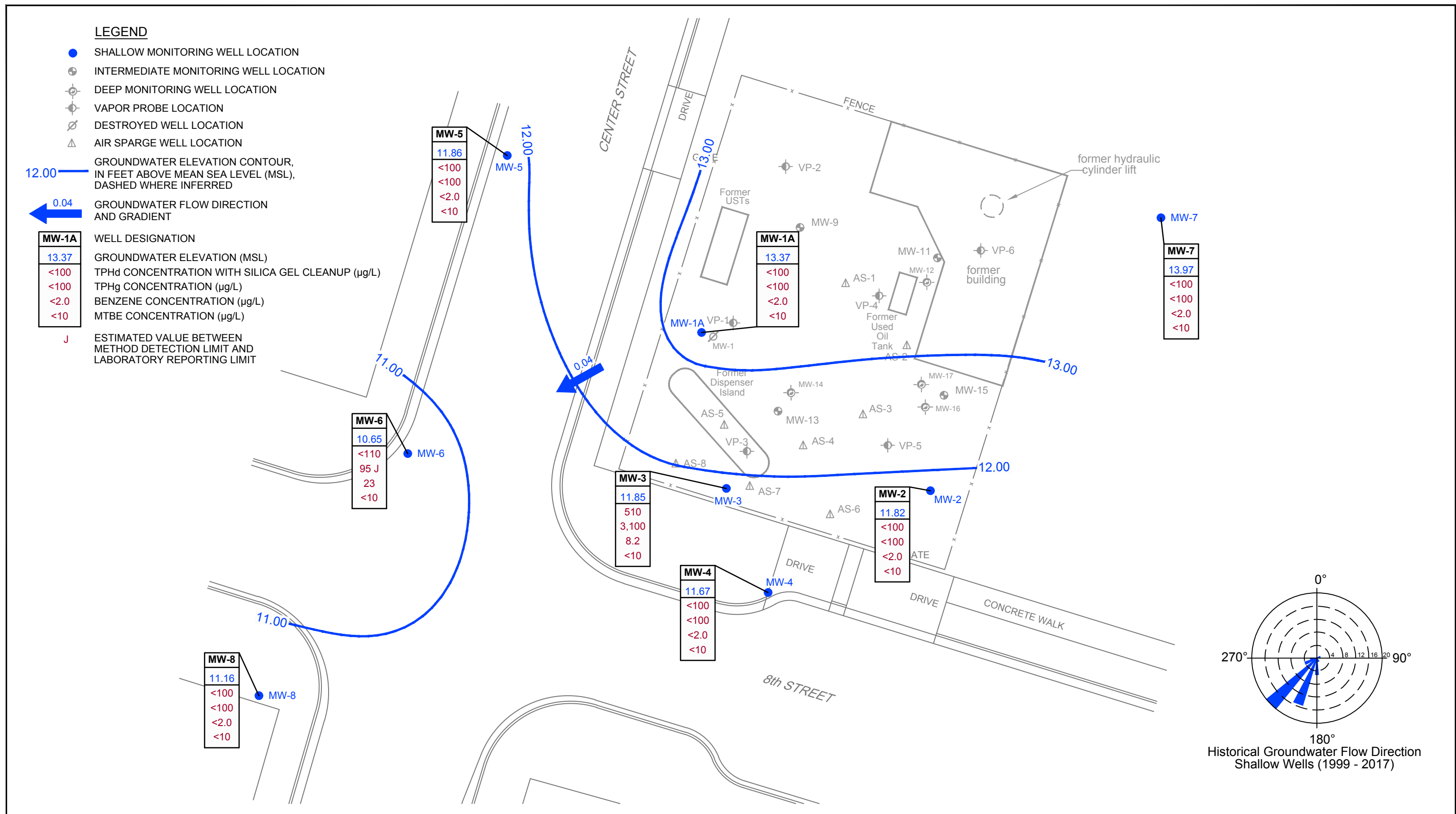


FORMER SIGNAL OIL SERVICE STATION 206145
 800 CENTER STREET
 OAKLAND, CALIFORNIA

VICINITY MAP

312002-95
 Mar 2, 2017

FIGURE 1



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



FORMER SIGNAL OIL SERVICE STATION 206145
 800 CENTER STREET
 OAKLAND, CALIFORNIA
 GROUNDWATER ELEVATION CONTOUR AND HYDROCARBON
 CONCENTRATION MAP - FEBRUARY 7, 2017

312002-95
 Mar 16, 2017

FIGURE 2

Table

Table 1

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

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY						
					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	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	02/07/2017¹	18.11	4.74	13.37	<100	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
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	02/07/2017¹	18.40	6.58	11.82	<100	<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**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
					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-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	02/07/2017¹	18.07	6.22	11.85	510	3,100	8.2	3.6	75	96	<10	-	-	-	-	-	-
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
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	-	-	-	-	-	-

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Oakland, California**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY						
					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	µg/L
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	02/07/2017¹	16.98	5.31	11.67	<100	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-	-	-
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	02/07/2017¹	17.68	5.82	11.86	<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	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY						
					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	µg/L
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	02/07/2017¹	17.33	6.68	10.65	<110	95 J	23	<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	-	-	-	-	-	-	-
MW-7	02/07/2017¹	19.26	5.29	13.97	<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	-	-	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY						
					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	µg/L
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	02/07/2017¹	17.79	6.63	11.16	<100	<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	02/07/2017⁸	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

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

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
					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-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	02/07/2017⁸	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	-	-	-	-	-	-	-	-	-	-	-	-	-
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	02/07/2017⁸	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	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

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Oakland, California**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
					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-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	02/07/2017⁸	18.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	09/03/2010 ²	18.43	10.09	8.34	58	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	-
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	02/07/2017⁸	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
					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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	02/07/2017⁸	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	02/07/2017⁸	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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					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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	02/07/2017⁸	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	02/07/2017⁸	18.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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					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	µg/L
AS-1	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-1	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-2	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-3	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-4	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-5	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-6	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY						
					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	µg/L
AS-7	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-7	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-7	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	01/31/2014 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	08/18/2016 ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AS-8	02/07/2017⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	02/07/2017	-	-	-	-	<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**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS					GENERAL CHEMISTRY					
					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

February 16, 2017

G-R #17156492

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 First Quarter Event of February 7, 2017

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

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: 17156492
 Site Address: 800 Center Street Event Date: 2-7-17 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-1A Date Monitored: 2-7-17
 Well Diameter: 2 in.
 Total Depth: 16.38 ft.
 Depth to Water: 4.74 ft. Check if water column is less than 0.50 ft.
11.64 xVF .17 = 1.9 x3 case volume = Estimated Purge Volume: 5.7 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.06

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

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 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): 1055 Weather Conditions: Rain
 Sample Time/Date: 1125 12-7-17 Water Color: cloudy Odor: Y10
 Approx. Flow Rate: - gpm. Sediment Description: light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 6.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS / µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1101</u>	<u>2</u>	<u>7.21</u>	<u>760</u>	<u>15.0</u>		
<u>1107</u>	<u>4</u>	<u>7.26</u>	<u>780</u>	<u>15.4</u>		
<u>1112</u>	<u>5.75</u>	<u>7.20</u>	<u>784</u>	<u>15.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1A</u>	<u>3</u> x voa vial	YES	HCL	EUROFINS	TPH-GRO(8015)/BTEX+MTBE(8021)
	<u>2</u> x 500ml ambers	YES	NP	EUROFINS	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: 17156492
 Site Address: 800 Center Street Event Date: 2-7-17 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW- 2 Date Monitored: 2-7-17
 Well Diameter: 2 in.
 Total Depth: 13.56 ft.
 Depth to Water: 6.58 ft. Check if water column is less than 0.50 ft.
6.98 xVF .17 = 1.1 x3 case volume = Estimated Purge Volume: 3.3 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.97

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

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 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): 0925 Weather Conditions: Rain
 Sample Time/Date: 0955 / 2-7-17 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: 7.52

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0929</u>	<u>1</u>	<u>7.07</u>	<u>452</u>	<u>14.5</u>	_____	_____
<u>0933</u>	<u>2</u>	<u>7.14</u>	<u>459</u>	<u>14.9</u>	_____	_____
<u>0939</u>	<u>3.5</u>	<u>7.11</u>	<u>460</u>	<u>15.0</u>	_____	_____

LABORATORY INFORMATION

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

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
 Site Address: 800 Center Street
 City: Oakland, CA

Job Number: 17156492
 Event Date: 2-7-17 (inclusive)
 Sampler: ML

Well ID: MW-3
 Well Diameter: 2 in.
 Total Depth: 14.01 ft.
 Depth to Water: 6.22 ft.

Date Monitored: 2-7-17

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 than 0.50 ft.

7.79 x VF .17 = 1.3 x3 case volume = Estimated Purge Volume: 3.9 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.77

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 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): 1140 Weather Conditions: Rain
 Sample Time/Date: 1210 12-7-17 Water Color: Clear Odor: Y1(N)
 Approx. Flow Rate: - gpm. Sediment Description: None
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 6.98

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1145</u>	<u>1.5</u>	<u>7.21</u>	<u>419</u>	<u>15.0</u>	_____	_____
<u>1150</u>	<u>3</u>	<u>7.15</u>	<u>426</u>	<u>15.4</u>	_____	_____
<u>1155</u>	<u>4</u>	<u>7.14</u>	<u>428</u>	<u>15.6</u>	_____	_____

LABORATORY INFORMATION

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

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: 17156492
 Site Address: 800 Center Street Event Date: 2-7-17 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-4 Date Monitored: 2-7-17
 Well Diameter: 2 in.
 Total Depth: 13.43 ft.
 Depth to Water: 5.31 ft. Check if water column is less than 0.50 ft.
8.12 xVF .17 = 1.3 x3 case volume = Estimated Purge Volume: 3.9 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.93

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

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 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): 0830 Weather Conditions: Rain
 Sample Time/Date: 0900 / 2-7-17 Water Color: Cloudy Odor: DN light
 Approx. Flow Rate: _____ gpm. Sediment Description: light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 5.96

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0835</u>	<u>1.5</u>	<u>6.80</u>	<u>373</u>	<u>14.5</u>	_____	_____
<u>0840</u>	<u>3</u>	<u>6.89</u>	<u>380</u>	<u>14.8</u>	_____	_____
<u>0845</u>	<u>4</u>	<u>6.92</u>	<u>382</u>	<u>14.9</u>	_____	_____

LABORATORY INFORMATION

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

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: 17156492
 Site Address: 800 Center Street Event Date: 2-7-17 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-5 Date Monitored: 2-7-17
 Well Diameter: 2 in.
 Total Depth: 19.36 ft.

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

 Depth to Water: 5.82 ft. Check if water column is less than 0.50 ft.
13.54 xVF .17 = 2.3 x3 case volume = Estimated Purge Volume: 6.9 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.52

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 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): 0655 Weather Conditions: Rain
 Sample Time/Date: 0730 12-7-17 Water Color: Clear Odor: Y10
 Approx. Flow Rate: - gpm. Sediment Description: None
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 6.72

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS) (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0701</u>	<u>2.5</u>	<u>7.16</u>	<u>243</u>	<u>15.6</u>		
<u>0708</u>	<u>5</u>	<u>7.11</u>	<u>249</u>	<u>15.9</u>		
<u>0714</u>	<u>7</u>	<u>7.11</u>	<u>250</u>	<u>16.1</u>		

LABORATORY INFORMATION

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

COMMENTS: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 17156492
 Event Date: 2-7-17 (inclusive)
 Sampler: ML

Well ID: MW-6
 Well Diameter: 2 in.
 Total Depth: 15.04 ft.
 Depth to Water: 6.68 ft.

Date Monitored: 2-7-17

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 than 0.50 ft.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.35
 $8.36 \times VF .17 = 1.4$ x3 case volume = Estimated Purge Volume: 4.2 gal.

Purge Equipment:
 Disposable Bailer: X
 Stainless Steel Bailer: _____
 Stack Pump: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Sampling Equipment:
 Disposable Bailer: X
 Pressure Bailer: _____
 Metal Filters: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 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): 0745 Weather Conditions: Rain
 Sample Time/Date: 0815 / 2-7-17 Water Color: Cloudy Odor: Y / N
 Approx. Flow Rate: _____ gpm. Sediment Description: light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 7.60

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS / µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0750</u>	<u>1.5</u>	<u>6.90</u>	<u>602</u>	<u>16.5</u>	_____	_____
<u>0755</u>	<u>3</u>	<u>6.96</u>	<u>588</u>	<u>16.8</u>	_____	_____
<u>0800</u>	<u>4.25</u>	<u>7.02</u>	<u>589</u>	<u>17.0</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8015)/BTX+MTBE(8021)
	2 x 500ml ambers	YES	NP	EUROFINS	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: 17156492
 Site Address: 800 Center Street Event Date: 2-7-17 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-7 Date Monitored: 2-7-17
 Well Diameter: 2 in.
 Total Depth: 15.54 ft.
 Depth to Water: 5.29 ft. Check if water column is less than 0.50 ft.
10.25 xVF .17 = 1.7 x3 case volume = Estimated Purge Volume: 5.1 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.34

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

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 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): 1016 Weather Conditions: Rain
 Sample Time/Date: 1040 12-7-17 Water Color: light Brown Odor: Y/N
 Approx. Flow Rate: _____ gpm. Sediment Description: light
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 7.02

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS µmhos/cm)	Temperature (°/F)	D.O. (mg/L)	ORP (mV)
<u>1016</u>	<u>2</u>	<u>7.12</u>	<u>366</u>	<u>13.7</u>		
<u>1022</u>	<u>4</u>	<u>7.17</u>	<u>370</u>	<u>14.1</u>		
<u>1027</u>	<u>5.25</u>	<u>7.21</u>	<u>367</u>	<u>14.2</u>		

LABORATORY INFORMATION

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

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
 Site Address: 800 Center Street
 City: Oakland, CA

Job Number: 17156492
 Event Date: 2-7-17 (inclusive)
 Sampler: ML

Well ID: MW-8

Date Monitored: 2-7-17

Well Diameter: 2 in.

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

Total Depth: 19.82 ft.

Depth to Water: 6.63 ft.

Check if water column is less than 0.50 ft.

13.19 xVF .17 = 2.2 x3 case volume = Estimated Purge Volume: 6.6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.26

Purge Equipment:

Disposable Bailer: X
 Stainless Steel Bailer: _____
 Stack Pump: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Sampling Equipment:

Disposable Bailer: X
 Pressure Bailer: _____
 Metal Filters: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 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): 0605

Weather Conditions: RAIN

Sample Time/Date: 0640 / 2-7-17

Water Color: cloudy Odor: Y10

Approx. Flow Rate: - gpm.

Sediment Description: light

Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 7.67

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (mS/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0611</u>	<u>2.25</u>	<u>7.21</u>	<u>357</u>	<u>15.2</u>	_____	_____
<u>0617</u>	<u>4.5</u>	<u>7.12</u>	<u>372</u>	<u>15.6</u>	_____	_____
<u>0623</u>	<u>6.75</u>	<u>7.15</u>	<u>372</u>	<u>15.8</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

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

Attachment B Laboratory Analytical Report

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: February 23, 2017

Project: 206145

Submittal Date: 02/08/2017
Group Number: 1763378
PO Number: 0015221516
Release Number: HORNE
State of Sample Origin: CA

Client Sample Description

QA-T-170207 NA Water
MW-1A-W-170207 Grab Groundwater
MW-2-W-170207 Grab Groundwater
MW-3-W-170207 Grab Groundwater
MW-4-W-170207 Grab Groundwater
MW-5-W-170207 Grab Groundwater
MW-6-W-170207 Grab Groundwater
MW-7-W-170207 Grab Groundwater
MW-8-W-170207 Grab Groundwater

Lancaster Labs

(LL) #

8825631
8825632
8825633
8825634
8825635
8825636
8825637
8825638
8825639

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
Electronic Copy To GHD
Electronic Copy To GHD
Electronic Copy To Gettler-Ryan Inc.

Attn: Morgan Hargrave
Attn: Anna Avina
Attn: Report Contact
Attn: Gettler Ryan

Respectfully Submitted,



Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-170207 NA Water
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825631
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017

Chevron

Submitted: 02/08/2017 09:50

L4310

Reported: 02/23/2017 11:05

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						
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Volatiles SW-846 8021B 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	17043A53A	02/13/2017 13:40	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 13:40	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 13:40	Brett W Kenyon	1

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

Sample Description: MW-1A-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825632
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 11:25 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CS001

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						
	SW-846 8015B		ug/l	ug/l	ug/l	
Hydrocarbons w/Si						
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	17043A53A	02/13/2017 17:22	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 17:22	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 17:22	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 00:12	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Sample Description: MW-2-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825633
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 09:55 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CSO02

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles SW-846 8015B ug/1						
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Volatiles SW-846 8021B ug/1						
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 SW-846 8015B ug/1						
Hydrocarbons w/Si						
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	17043A53A	02/13/2017 17:49	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 17:49	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 17:49	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 00:33	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Sample Description: MW-3-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825634
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 12:10 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CSO03

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles						
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B n.a.	ug/l 3,100	ug/l 50	ug/l 100	1
GC Volatiles						
02102	Benzene	SW-846 8021B 71-43-2	ug/l 8.2	ug/l 0.5	ug/l 2.0	1
02102	Ethylbenzene	100-41-4	75	0.5	2.0	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	10	1
02102	Toluene	108-88-3	3.6	0.5	2.0	1
02102	Total Xylenes	1330-20-7	96	1.5	5.0	1
GC Petroleum Hydrocarbons w/Si						
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B n.a.	ug/l 510	ug/l 50	ug/l 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	17043A53A	02/13/2017 16:26	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 16:26	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 16:26	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 01:38	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Sample Description: MW-4-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825635
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 09:00 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CSO04

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles						
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B n.a.	ug/l N.D.	ug/l 50	ug/l 100	1
GC Volatiles						
02102	Benzene	SW-846 8021B 71-43-2	ug/l N.D.	ug/l 0.5	ug/l 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						
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B n.a.	ug/l N.D.	ug/l 50	ug/l 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	17043A53A	02/13/2017 18:17	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 18:17	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 18:17	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 01:59	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Sample Description: MW-5-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825636
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 07:30 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CSO05

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						
	SW-846 8015B		ug/l	ug/l	ug/l	
Hydrocarbons w/Si						
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	17043A53A	02/13/2017 18:45	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 18:45	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 18:45	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 02:21	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Sample Description: MW-6-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825637
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 08:15 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CSO06

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles SW-846 8015B						
01729	TPH-GRO N. CA water C6-C12	n.a.	95 J	50	100	1
GC Volatiles SW-846 8021B						
02102	Benzene	71-43-2	23	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 SW-846 8015B						
Hydrocarbons w/Si						
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	17043A53A	02/13/2017 20:08	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 20:08	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 20:08	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 02:42	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Sample Description: MW-7-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825638
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 10:40 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CSO07

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						
	SW-846 8015B		ug/l	ug/l	ug/l	
Hydrocarbons w/Si						
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	17043A53A	02/13/2017 20:35	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 20:35	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 20:35	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 03:04	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Sample Description: MW-8-W-170207 Grab Groundwater
Facility# 206145 Job# 17156492 GRD
800 Center Street-Oakland T0600102230

LL Sample # WW 8825639
LL Group # 1763378
Account # 10904

Project Name: 206145

Collected: 02/07/2017 06:40 by ML Chevron
L4310
Submitted: 02/08/2017 09:50 6001 Bollinger Canyon Rd.
Reported: 02/23/2017 11:05 San Ramon CA 94583

CSO08

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC Volatiles						
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B n.a.	ug/l N.D.	ug/l 50	ug/l 100	1
GC Volatiles						
02102	Benzene	SW-846 8021B 71-43-2	ug/l N.D.	ug/l 0.5	ug/l 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						
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B n.a.	ug/l N.D.	ug/l 50	ug/l 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	17043A53A	02/13/2017 21:03	Brett W Kenyon	1
02102	Method 8021 Water Master	SW-846 8021B	1	17043A53A	02/13/2017 21:03	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17043A53A	02/13/2017 21:03	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	170410019A	02/15/2017 03:25	Amy Lehr	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	170410019A	02/12/2017 21:30	Karen L Beyer	1

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

Quality Control Summary

Client Name: Chevron
Reported: 02/23/2017 11:05

Group Number: 1763378

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: 17043A53A	Sample number(s): 8825631-8825639		
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: 170410019A	Sample number(s): 8825632-8825639		
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32	100

LCS/LCSD

Analysis Name	LCS Spike	LCS	LCSD Spike	LCSD	LCS	LCSD	LCS/LCSD	RPD	RPD
	Added	Conc	Added	Conc	%REC	%REC	Limits		
	ug/l	ug/l	ug/l	ug/l					Max
Batch number: 17043A53A	Sample number(s): 8825631-8825639								
Benzene	20	21.24	20	21.39	106	107	80-120	1	30
Ethylbenzene	20.1	21.89	20.1	21.9	109	109	80-120	0	30
Methyl tert-Butyl Ether	20	19.76	20	21.24	99	106	80-132	7	30
Toluene	20.2	22.1	20.2	21.97	109	109	80-120	1	30
TPH-GRO N. CA water C6-C12	1100	1053.73	1100	1028.36	96	93	80-120	2	30
Total Xylenes	60.2	67.47	60.2	66.84	112	111	80-120	1	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 170410019A	Sample number(s): 8825632-8825639								
TPH-DRO CA C10-C28 w/ Si Gel	1600	891.33	1600	941.1	56	59	40-105	5	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
Reported: 02/23/2017 11:05

Group Number: 1763378

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: 17043A53A

	Trifluorotoluene-F	Trifluorotoluene-P
8825631	98	99
8825632	97	100
8825633	112	100
8825634	197*	178*
8825635	97	100
8825636	97	100
8825637	96	101
8825638	98	101
8825639	98	100
Blank	98	100
LCS	102	99
LCSD	104	100

Limits: 63-135 51-120

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 170410019A

	Orthoterphenyl
8825632	70
8825633	72
8825634	76
8825635	79
8825636	69
8825637	68
8825638	70
8825639	73
Blank	72
LCS	74
LCSD	74

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



Lancaster Laboratories
Environmental

Acct. # 10904

For Eurofins Lancaster Laboratories Environmental use only

Group # 1763378 Sample # 8825631-39

Instructions on reverse side correspond with circled numbers.

020717-01 SM

Client Information				Matrix			Analyses Requested														
Facility # <u>SS#206145-OML G-R#17156492</u> Global ID# <u>T0600102230</u>				<input type="checkbox"/> Sediment <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Air	Total Number of Containers BTEX + MTBE 8021 <input type="checkbox"/> 8260 <input type="checkbox"/> TPH-GRO 8015 <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> TPH-DRO 8015 without Silica Gel Cleanup <input type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/> <u>COLUMN</u>	8260 Full Scan Oxygenates Total Lead Dissolved Lead															
Site Address <u>800 CENTER STREET, OAKLAND, CA</u>																					
Chevron PM <u>MHO</u> GHDHM Lead Consultant <u>Hargrave</u>																					
Consultant/Office <u>Getter-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568</u>																					
Consultant Project Mgr. <u>Deanna L. Harding, deanna@grinc.com</u>																					
Consultant Phone # <u>(925) 551-7444 x180</u>																					
Sampler <u>Mike L.</u>																					
Sample Identification	Soil Depth	Collected		Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE 8021	8260	TPH-GRO 8015	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Method	Dissolved Lead	Method	
		Date	Time																		
<u>QA</u>		<u>170207</u>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<u>MW-1A</u>			<u>1125</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
<u>MW-2</u>			<u>0955</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
<u>MW-3</u>			<u>1210</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
<u>MW-4</u>			<u>0900</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
<u>MW-5</u>			<u>0730</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
<u>MW-6</u>			<u>0815</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
<u>MW-7</u>			<u>1040</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
<u>MW-8</u>			<u>0640</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								

SCR #: _____

- 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

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.

Turnaround Time Requested (TAT) (please circle) Standard <input checked="" type="radio"/> 5 day 4 day 72 hour 48 hour 24 hour			Relinquished by <u>[Signature]</u> Date <u>170207</u> Time <u>1310</u>		Received by <u>[Signature]</u> Date <u>2/7/17</u> Time <u>1310</u>	
Data Package (circle if required) EDF/EDD Type I - Full Type VI (Raw Data)			Relinquished by <u>[Signature]</u> Date <u>2/7/17</u> Time <u>1600</u>		Received by <u>FE</u>	
EDD (circle if required) EDFFLAT (default) Other: _____			Relinquished by Commercial Carrier: UPS _____ FedEx <input checked="" type="checkbox"/> Other _____		Received by <u>[Signature]</u> Date <u>2-8-17</u> Time <u>950</u>	
Temperature Upon Receipt <u>0.7-2.5 °C</u>				Custody Seals Intact? <input checked="" type="radio"/> Yes <input type="radio"/> No		

Client: CA Office

Delivery and Receipt Information

Delivery Method:	<u>BASC</u>	Arrival Timestamp:	<u>02/08/2017 9:50</u>
Number of Packages:	<u>3</u>	Number of Projects:	<u>2</u>
State/Province of Origin:	<u>CA</u>		

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 12:40 on 02/08/2017

Samples Chilled Details

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	2.5	DT	Wet	Y	Bagged	N
2	DT131	1.9	DT	Wet	Y	Bagged	N
3	DT131	0.7	DT	Wet	Y	Bagged	N

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 \geq 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.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

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 ¹	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/ ^f <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	--

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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	--	

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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,f}	75,000	1,500	14,000	3,400	9,600	<130	--
11/18/05	15.40	5.95	9.45	3,900 ^{o,f}	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	--

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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 ¹	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	--

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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 ¹	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 ^{op}	<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 ^p	<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°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	19.26	9.98	9.28	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/17/07	19.26	8.75	10.51	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/16/07	19.26	8.56	10.70	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/08	19.26	11.43	7.83	100°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/20/08	19.26	9.32	9.94	52°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/06/08	19.26	8.41	10.85	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
12/05/08	19.26	7.71	11.55	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/09/09	19.26	8.23	11.03	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/08/09	19.26	10.23	9.03	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/07/09	19.26	8.40	10.86	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/25/10	19.26	10.84	8.42	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
MW-8											
02/14/02 ^{ij}	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°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/28/05	15.29	8.79	6.50	<50°	<50	<0.5	0.9	<0.5	<1.5	<2.5	--
06/09/05	15.29	8.26	7.03	63°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/19/05	15.29	6.18	9.11	<50° ^p	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/18/05	15.29	5.47	9.82	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/07/06	15.29	8.60	6.69	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/17/06	15.29	8.21	7.08	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/30/06	15.29	6.57	8.72	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
11/28/06	15.29	6.38	8.91	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/06/07	17.79	8.39	9.40	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
05/02/07	17.79	9.33	8.46	<50°	<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		<0.5	<0.5	<0.5	<1.5	--	--
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	--	--

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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 ^o	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 1
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 ^e	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	TPH = Total Petroleum Hydrocarbons DRO = Diesel Range Organics	MTBE = Methyl Tertiary Butyl Ether CUB = Contaminate utilizing bacteria
GWE = Groundwater Elevation (msl) = Mean sea level	GRO = Gasoline Range Organics B = Benzene	(cfu/ml) = Colony forming unit per milliliter (µg/L) = Micrograms per liter
DTW = Depth to Water	T = Toluene E = Ethylbenzene	(ppb) = Parts per billion -- = Not Measured/Not Analyzed
TPH-D = Total Petroleum Hydrocarbons as Diesel	X = Xylenes	QA = Quality Assurance/Trip Blank
TPH-G = Total Petroleum Hydrocarbons as Gasoline		

- * 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
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.