Aaron Costa
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6111 Bollinger Canyon Road
San Ramon, CA 94583
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Fax (925) 543-2324
acosta@chevron.com

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

Re: Chevron Service Station No. 9-3600
2200 Telegraph Avenue
Oakland, CA

I have reviewed the attached report dated October 19, 2009.

I agree with the conclusions and recommendations presented in the referenced report. This information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga Rovers Associates, upon who assistance and advice I have relied.

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

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

Sincerely,

Aaron Costa
Project Manager

Attachment: Report

CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
http://www.craworld.com

October 19, 2009 Reference No. 311965

Mr. Mark Detterman
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Second Quarter 2009 Groundwater Monitoring and Sampling Report
Chevron Service Station 9-3600
2200 Telegraph Avenue
Oakland, California
Fuel Leak Case No. RO0002435

Dear Mr. Detterman:

Conestoga-Rovers & Associates is submitting this *Second Quarter 2009 Groundwater Monitoring and Sampling Report* for the site referenced above on behalf of Chevron Environmental Management Company (Chevron).

Groundwater monitoring and sampling was performed by Blaine Tech Services (Blaine Tech) of San Jose, California. Groundwater monitoring and sampling data from this event are presented in Figures 2 and 3, respectively. Groundwater monitoring and sampling data are summarized in Tables 1 and 2. Blaine Tech's May 1, 2009 *Second Quarter Monitoring* report is presented as Attachment A. Groundwater samples were sent to Lancaster Laboratories (Lancaster) of Pennsylvania for chemical analysis. Lancaster's May 11, 2009 report is included as Attachment B.

CONESTOGA-ROVERS & ASSOCIATES

Please contact Charlotte Evans at (510) 420-3351 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Charlotte Evans Brandon S. Wilken, P.G. #7564

IH/doh/3

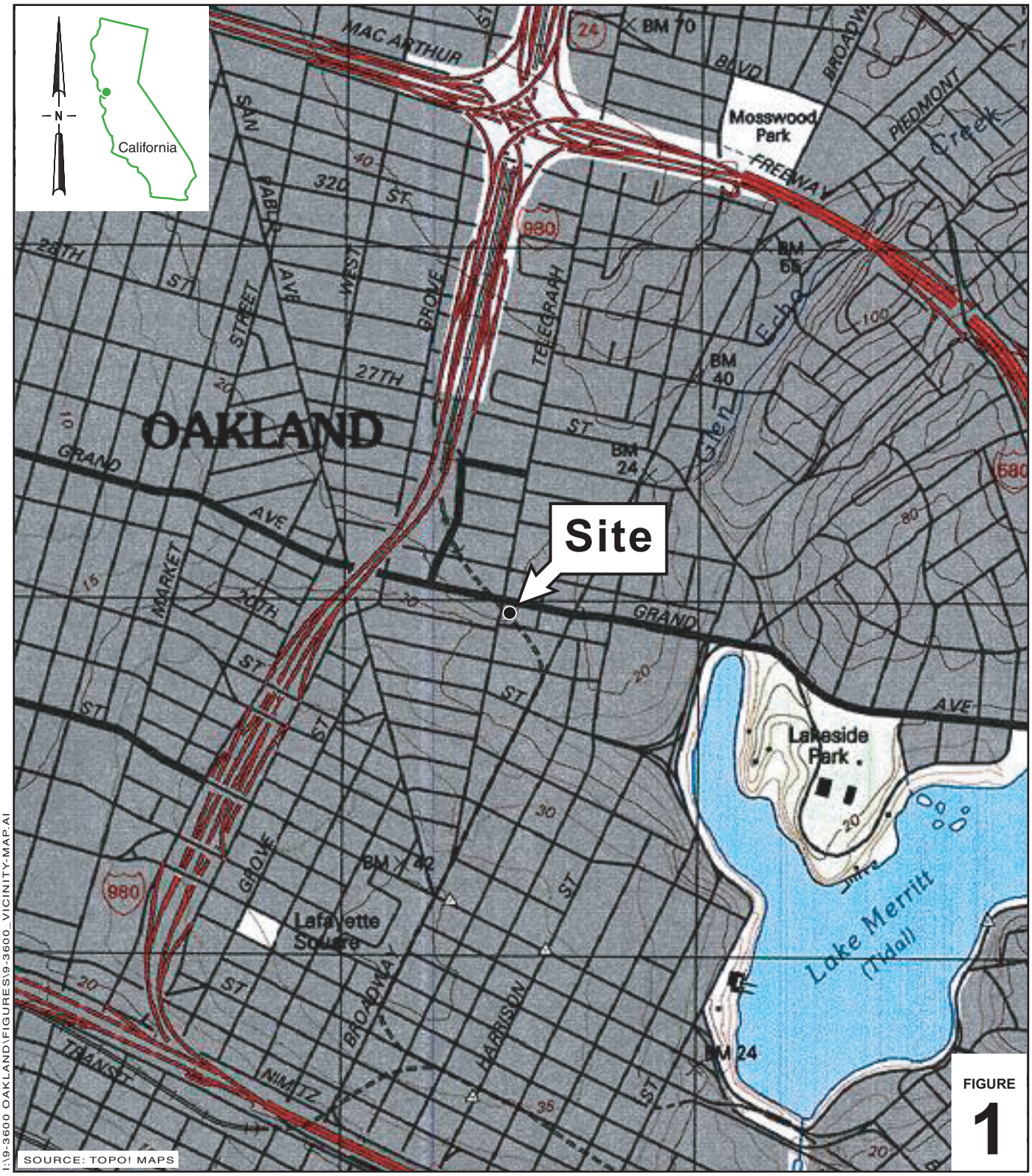
Enc.

Figure 1	Site Vicinity Map
Figure 2	Hydrocarbon Concentration Map
Figure 3	Potentiometric Surface Map
Table 1	Groundwater Monitoring Data and Analytical Results
Table 2	Groundwater Analytical Results – Oxygenate Compounds
Attachment A	Blaine Tech's May 1, 2009 *Second Quarter Monitoring Report*
Attachment B	Lancaster Laboratories May 11, 2009 Analytical Report

cc: Mr. Aaron Costa, Chevron Environmental Management Company

FIGURES

05/23/08



I:\9-3600 OAKLAND\FIGURES\9-3600_VICINITY-MAP.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

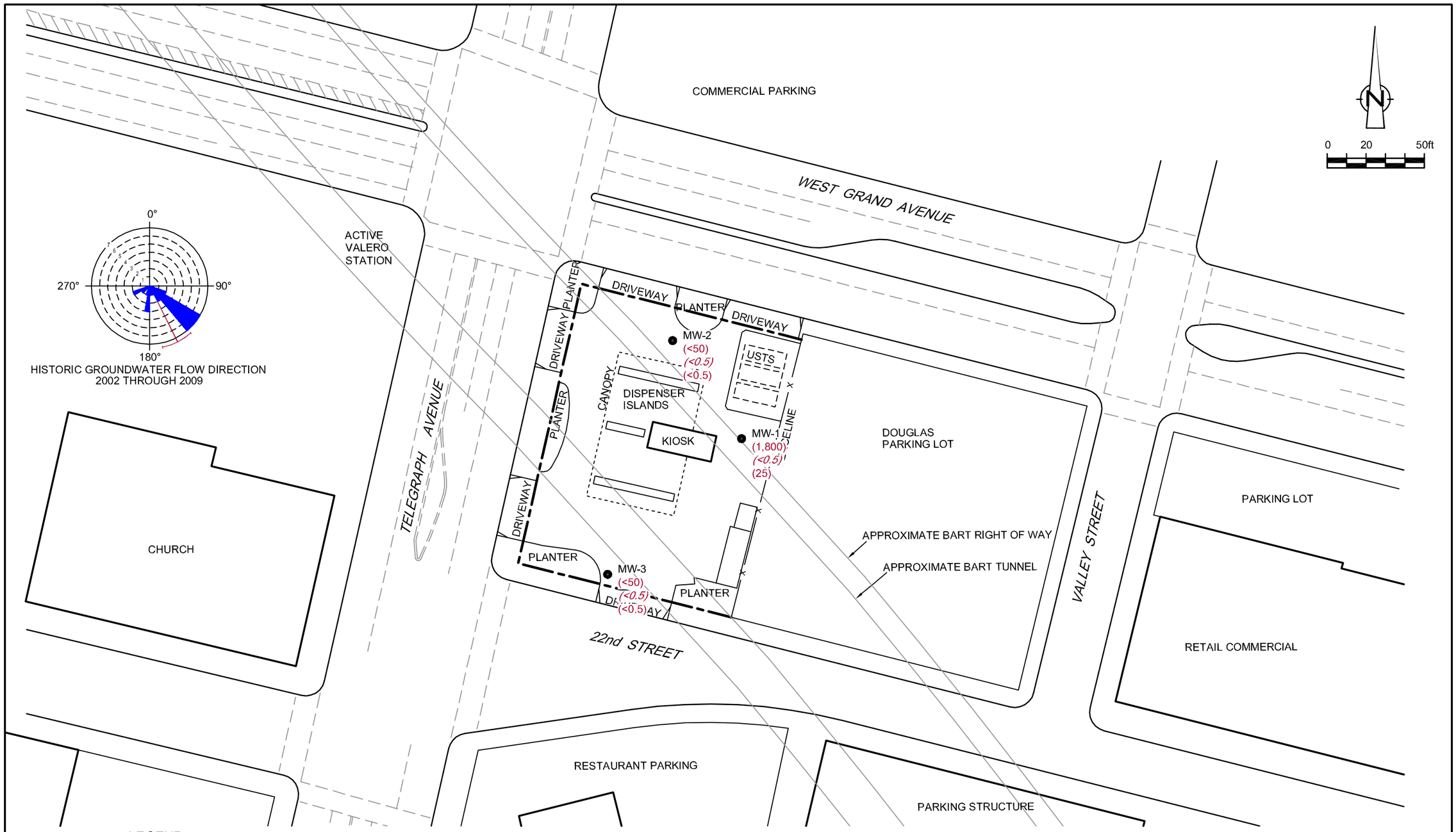
Chevron Service Station 9-3600

2200 Telegraph Avenue

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



LEGEND

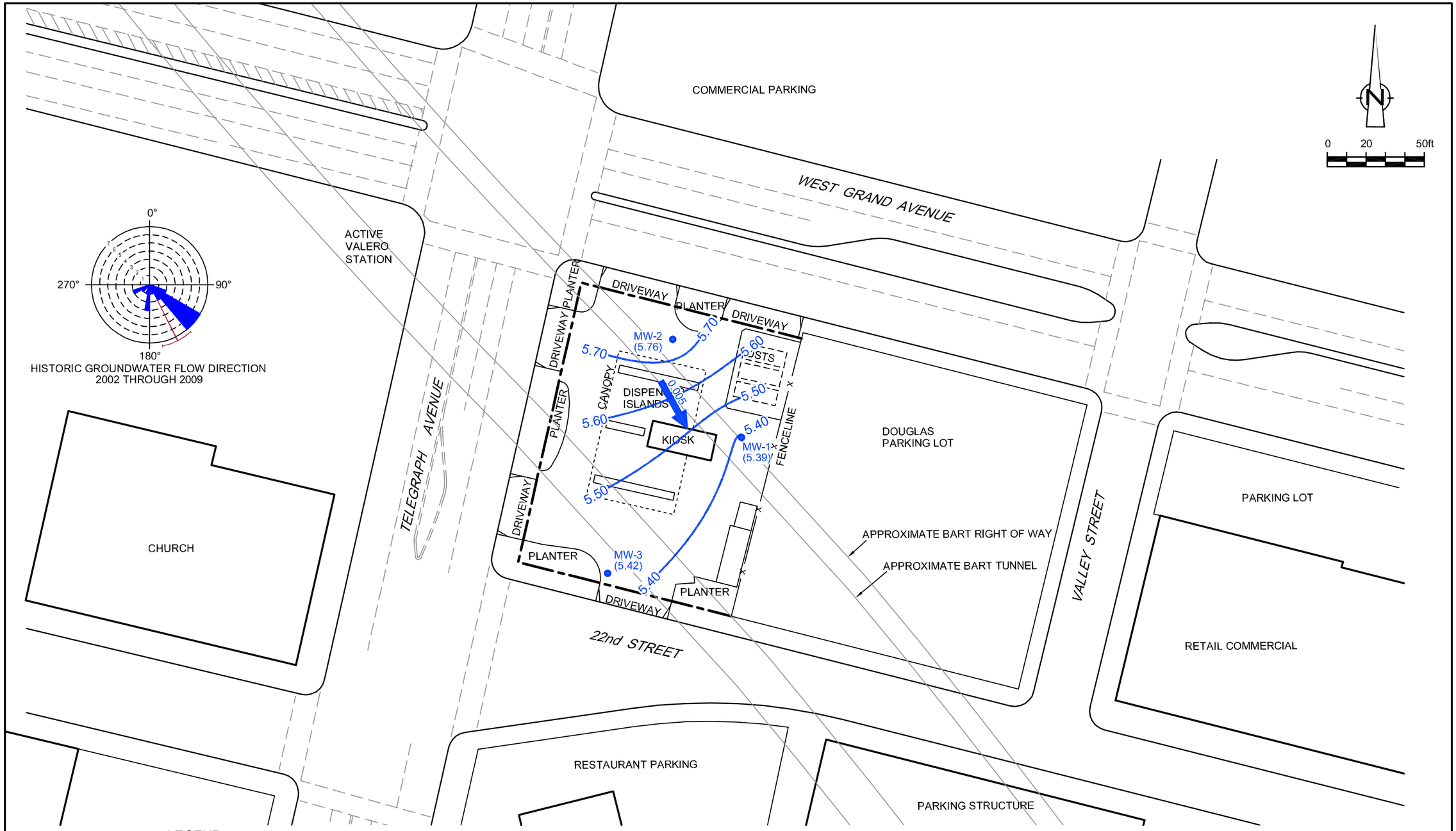
MW-1 ●	MONITORING WELL LOCATION
(710)	TPHg CONCENTRATION (ug/L)
(0.9)	BENZENE CONCENTRATION (ug/L)
(18)	MTBE CONCENTRATION (ug/L)

BASEMAP MODIFIED FROM DRAWING PROVIDED BY GETTLER-RYAN INC.

311965-2009(PLUN001)GN-WA001 AUG 24/2009

Figure 2

HYDROCARBON CONCENTRATIONS IN GROUNDWATER - APRIL 29, 2009
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE
Oakland, California



LEGEND

- MW-1 ● MONITORING WELL LOCATION
- 3.00 GROUNDWATER ELEVATION CONTOUR, DASHED WHERE INFERRED
- (2.76) GROUNDWATER ELEVATION (MSL)
- 0.004 GROUNDWATER FLOW DIRECTION AND GRADIENT (ft/ft)

BASEMAP MODIFIED FROM DRAWING PROVIDED BY GETTLER-RYAN INC.

311965-2009(PLUN001)GN-WA002 AUG 24/2009

Figure 3

POTENTIOMETRIC SURFACE MAP - APRIL 29, 2009
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE
Oakland, California

TABLES

TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*DTW (ft.)*	*GWE (ft.)*	*TPH-G (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
MW-1									
04/05/02[1]	17.07	11.68	5.39	2,000	5.0	<1.0	14	8.4	310/370[2]
07/01/02	17.07	12.01	5.06	2,000	8.9	<1.0	97	31	370/420[2]
10/08/02	17.07	12.20	4.87	1,400	9.2	<10	75	20	440/360[2]
01/11/03	17.07	11.13	5.94	1,600	7.1	0.51	53	13	280/270[2]
04/01/03	17.07	11.53	5.54	1,800	5.2	0.6	25	9.1	210/210[2]
07/01/03[3]	17.07	11.95	5.12	2,000	4	<0.5	31	12	170
10/02/03[3]	17.07	12.25	4.82	480	<5	<5	<5	<5	9,800
01/05/04[3]	17.07	11.05	6.02	1,700	3	<0.5	27	4	140
04/05/04[3]	17.07	11.63	5.44	1,500	2	<0.5	21	0.6	120
07/01/04[3]	17.07	12.08	4.99	1,500	1	<0.5	3	<0.5	130
10/05/04[3]	17.07	12.21	4.86	1,400	<0.5	<0.5	1	0.5	130
01/04/05[3]	17.07	11.15	5.92	1,500	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05[3]	17.07	11.20	5.87	2,100	<0.5	<0.5	4	0.5	61
07/08/05[3]	17.07	11.38	5.69	1,800	<0.5	<0.5	0.8	<0.5	71
10/27/05[3]	17.07	12.24	4.83	800	<0.5	<0.5	<0.5	<0.5	76
01/12/06[3]	17.07	11.10	5.97	1,600	<0.5	<0.5	4	<0.5	47
04/13/06[3]	17.07	10.81	6.26	1,500	<0.5	<0.5	1	<0.5	36
07/13/06[3]	17.07	11.18	5.89	990	<0.5	<0.5	<0.5	<0.5	44
10/16/06[3]	17.07	12.18	4.89	780	<0.5	<0.5	<0.5	<0.5	59
01/20/07[3]	17.07	11.91	5.16	890	<0.5	<0.5	<0.5	<0.5	47
04/11/07[3]	17.07	11.87	5.20	1,900	<0.5	<0.5	4	<0.5	39
07/27/07[3]	17.07	11.91	5.16	1,500	<0.5	<0.5	0.6	<0.5	56
10/22/07[3]	17.07	--[4]	--	610	<0.5	<0.5	<0.5	<0.5	65
11/26/07	17.07	11.96	5.11	--	--	--	--	--	--
01/21/08[3]	17.07	11.78	5.29	1,100	<0.5	<0.5	0.8	<0.5	48
04/04/08[3]	17.07	11.83	5.24	1,600	<0.5	<0.5	<0.5	<0.5	53
07/21/08[3]	17.07	12.10	4.97	950	<0.5	<0.5	<0.5	<0.5	72
10/09/08[3]	17.07	12.17	4.90	960	<0.5	<0.5	<0.5	<0.5	59
01/21/09[3]	17.07	12.15	4.92	840	<0.5	<0.5	<0.5	<0.5	31
04/29/09	17.07	11.68	5.39	**1,800**	<0.5	<0.5	**3**	<0.5	**25**

TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*DTW (ft.)*	*GWE (ft.)*	*TPH-G (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
MW-2									
04/05/02[1]	16.82	11.17	5.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[2]
07/01/02	16.82	11.36	5.46	<50	<0.50	0.57	0.52	<1.5	<2.5/<2[2]
10/08/02	16.82	11.57	5.25	<100	<2.0	<2.0	<2.0	<5.0	<10/<2[2]
01/11/03	16.82	10.94	5.88	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[2]
04/01/03	16.82	11.03	5.79	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5[2]
07/01/03[3]	16.82	11.30	5.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/02/03[3]	16.82	11.63	5.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04[3]	16.82	10.82	6.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04[3]	16.82	11.21	5.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/01/04[3]	16.82	11.46	5.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/05/04[3]	16.82	11.57	5.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05[3]	16.82	10.87	5.95	<50	0.5	<0.5	8	0.9	87
04/14/05[3]	16.82	10.72	6.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/08/05[3]	16.82	11.16	5.66	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/27/05[3]	16.82	11.59	5.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06[3]	16.82	10.68	6.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/13/06[3]	16.82	10.37	6.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/13/06[3]	16.82	10.68	6.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/16/06[3]	16.82	11.48	5.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/07[3]	16.82	11.27	5.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/11/07[3]	16.82	11.20	5.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07[3]	16.82	11.27	5.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/22/07[3]	16.82	--[4]	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/07	16.82	11.31	5.51	--	--	--	--	--	--
01/21/08[3]	16.82	11.08	5.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08[3]	16.82	11.12	5.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/21/08[3]	16.82	11.56	5.26	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/09/08[3]	16.82	11.73	5.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/21/09[3]	16.82	11.55	5.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/29/09	16.82	11.06	5.76	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*DTW (ft.)*	*GWE (ft.)*	*TPH-G (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
MW-3									
04/05/02[1]	16.52	11.29	5.23	<50	<0.50	0.59	<0.50	<1.5	<2.5/<2[2]
07/01/02	16.52	11.55	4.97	<50	<0.50	0.60	<0.50	<1.5	<2.5/<2[2]
10/08/02	16.52	11.62	4.90	<100	<2.0	<2.0	<2.0	<5.0	<10/<2[2]
01/11/03	16.52	11.09	5.43	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[2]
04/01/03	16.52	11.25	5.27	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5[2]
07/01/03[3]	16.52	11.42	5.10	<50	<0.5	<0.5	<0.5	<0.5	2
10/02/03[3]	16.52	11.74	4.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04[3]	16.52	11.06	5.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04[3]	16.52	11.40	5.12	<50	<0.5	<0.5	<0.5	<0.5	0.6
07/01/04[3]	16.52	11.58	4.94	<50	<0.5	<0.5	<0.5	<0.5	0.8
10/05/04[3]	16.52	11.60	4.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05[3]	16.52	10.95	5.57	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05[3]	16.52	11.10	5.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/08/05[3]	16.52	11.29	5.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/27/05[3]	16.52	11.68	4.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06[3]	16.52	10.83	5.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/13/06[3]	16.52	10.65	5.87	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/13/06[3]	16.52	11.03	5.49	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/16/06[3]	16.52	11.46	5.06	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/07[3]	16.52	11.39	5.13	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/11/07[3]	16.52	11.27	5.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07[3]	16.52	11.38	5.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/22/07[3]	16.52	--[4]	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/07	16.52	11.35	5.17	--	--	--	--	--	--
01/21/08[3]	16.52	11.16	5.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08[3]	16.52	11.15	5.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/21/08[3]	16.52	11.38	5.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/09/08[3]	16.52	11.49	5.03	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/21/09[3]	16.52	11.52	5.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/29/09	16.52	11.10	5.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*DTW (ft.)*	*GWE (ft.)*	*TPH-G (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*
TRIP BLANK									
QA									
04/05/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/08/02	--	--	--	<100	<2.0	<2.0	<2.0	<5.0	<10
01/11/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/03	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
07/01/03[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/02/03[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/01/04[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/05/04[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/08/05[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/27/05[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/13/06[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/13/06[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/16/06[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/07[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/11/07[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/22/07[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/21/08[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/21/08[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/09/08[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/21/09[3]	--	--	--	<50[5]	<0.5	<0.5	<0.5	<0.5	<0.5
04/29/09	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID/ DATE	*TOC* (ft.)*	*DTW (ft.)*	*GWE (ft.)*	*TPH-G (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*

EXPLANATIONS:

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on April 17, 2002, by Morrow Surveying. The elevations are based on a City of Oakland Benchmark No. 37JC, (Benchmark Elevation = 17.68 Feet).

1 Well development performed.

2 MTBE by EPA Method 8260.

3 BTEX and MTBE by EPA Method 8260.

4 DTW measurements were not recorded correctly.

5 Laboratory report indicates the original analysis was performed on an instrument where the ending calibration standard failed the method criteria. The sample was originally analyzed approximately 30 minutes after the LCS/LCSD. The LCS/LCSD showed good GRO recovery and the surrogate recovery for this sample was 85%. The sample was reanalyzed from a vial with headspace since only 1 vial was submitted. The results for the original and the reanalysis were similar. The reanalysis was reported.

TABLE 2

GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID	*DATE*	*ETHANOL (µg/L)*	*TBA (µg/L)*	*MTBE (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*
MW-1	04/05/02	--	200	370	<2	<2	10
	07/01/02	--	190	420	<2	<2	9
	10/08/02	--	110	360	<2	<2	8
	01/11/03	--	<100	270	<2	<2	7
	04/01/03	--	22	210	<0.5	<0.5	5
	07/01/03	<50	26	170	<0.5	<0.5	5
	10/02/03	<500	2,600	9,800	<5	<5	6
	01/05/04	<50	21	140	<0.5	<0.5	3
	04/05/04	<50	17	120	<0.5	<0.5	3
	07/01/04	<50	13	130	<0.5	<0.5	2
	10/05/04	<50	14	130	<0.5	<0.5	2
	01/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/14/05	<50	15	61	<0.5	<0.5	1
	07/08/05	<50	15	71	<0.5	<0.5	1
	10/27/05	<50	10	76	<0.5	<0.5	1
	01/12/06	<50	12	47	<0.5	<0.5	<0.5
	04/13/06	<50	8	36	<0.5	<0.5	0.6
	07/13/06	<50	7	44	<0.5	<0.5	0.7
	10/16/06	<50	6	59	<0.5	<0.5	1
	01/20/07	<50	8	47	<0.5	<0.5	0.8
	04/11/07	<50	9	39	<0.5	<0.5	0.7
	07/27/07	<50	8	56	<0.5	<0.5	0.8
	10/22/07	<50	5	65	<0.5	<0.5	0.7
	01/21/08	<50	5	48	<0.5	<0.5	0.7
	04/04/08	<50	6	53	<0.5	<0.5	0.6
	07/21/08	<50	11	72	<0.5	<0.5	0.7
	10/09/08	<50	5	59	<0.5	<0.5	0.5
	01/21/09	<50	5	31	<0.5	<0.5	0.5
	04/29/09	<50	**5**	**25**	<0.5	<0.5	<0.5
MW-2	04/05/02	--	<100	<2	<2	<2	<2
	07/01/02	--	<100	<2	<2	<2	<2
	10/08/02	--	<100	<2	<2	<2	<2
	01/11/03	--	<100	<2	<2	<2	<2
	04/01/03	<50	<5	<0.5	<0.5	<0.5	<0.5

TABLE 2

GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID	*DATE*	*ETHANOL (µg/L)*	*TBA (µg/L)*	*MTBE (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*
MW-2 (cont)	07/01/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/01/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/04/05	<50	14	87	<0.5	<0.5	2
	04/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/08/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/27/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/16/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/20/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/11/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	07/25/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/22/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/04/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	07/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/09/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/21/09	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/29/09	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-3	04/05/02	--	<100	<2	<2	<2	<2
	07/01/02	--	<100	<2	<2	<2	<2
	10/08/02	--	<100	<2	<2	<2	<2
	01/11/03	--	<100	<2	<2	<2	<2
	04/01/03	--	<5	<0.5	<0.5	<0.5	<0.5
	07/01/03	<50	<5	2	<0.5	<0.5	<0.5
	10/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/05/04	<50	<5	0.6	<0.5	<0.5	<0.5
	07/01/04	<50	<5	0.8	<0.5	<0.5	<0.5

TABLE 2

GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
CHEVRON SERVICE STATION 9-3600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

WELL ID	*DATE*	*ETHANOL (µg/L)*	*TBA (µg/L)*	*MTBE (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*
MW-3 (cont)	10/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/08/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/27/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/16/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/20/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/11/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	07/27/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/22/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/04/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	07/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/09/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/21/09	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/29/09	<50	<2	<0.5	<0.5	<0.5	<0.5

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

ATTACHMENT A

BLAINE TECH'S MAY 1, 2009 *SECOND QUARTER MONITORING*

BLAINE™
TECH SERVICES

May 1, 2009

Chevron Environmental Management Company
Aaron Costa
6111 Bollinger Canyon Rd.
San Ramon, CA 94583

Third Quarter 2006 Monitoring at
Chevron Service Station 93600
2200 Telgraph Ave.
Oakland, CA

Monitoring performed on 4/29/2009

Blaine Tech Services, Inc. Groundwater Monitoring Event 090429-DR1

This submission covers the routine monitoring of groundwater wells conducted on 4/29/2009 at this location. 3 monitoring wells were measured for depth to groundwater (DTW). 3 monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

Water levels and separate-phase measurements were collected using an electronic water or oil-water interface detector. All sampled wells were purged of three case volumes or until water temperature, pH and conductivity stabilized. Purging was accomplished using electric submersible pumps, positive air-displacement pumps or stainless steel, Teflon or disposable bailers. Subsequent sample collection and sample handling was performed in accordance with EPA protocols using disposable bailers. Alternately, where applicable, wells were sampled utilizing no-purge methodology. All reused equipment was decontaminated in an integrated stainless steel sink with de-ionized water supplied Hotsy pressure washer and Liquinox or equivalent.

Samples were delivered under chain-of-custody to Lancaster Laboratories of Lancaster, Pennsylvania, for analysis. Monitoring well purgewater and equipment rinsate water was collected and transported under bill-of-lading to US Filters of Los Angeles, California.

SAN JOSE SACRAMENTO LOS ANGELES SAN DIEGO
1680 ROGERS AVENUE SAN JOSE, CA 95112-1105 (408) 573-0555 FAX (408) 573-7771 LIC. 746684 www.blainetech.com

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, and Chain-of-Custody.

Blaine Tech Services, Inc.'s activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrogeologic conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Pete Cornish
Blaine Tech Services, Inc.
Project Manager

attachments: SOP
Well Gauging Sheet
Individual Well Monitoring Data Sheets
Chain of Custody
Wellhead Inspection Form
Bill of Lading
Calibration Log

cc: CRA
Attn: Charlotte Evans
5900 Hollis St. Suite A
Emeryville, CA 94608

SAN JOSE SACRAMENTO LOS ANGELES SAN DIEGO
1680 ROGERS AVENUE SAN JOSE, CA 95112-1105 (408) 573-0555 FAX (408) 573-7771 LIC. 746684 www.blainetech.com

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT CHEVRON SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Chevron comply with Chevron's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Chevron site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. GeoTech). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be

evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not immediately recharge.

MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed approximately 2 hours to recharge prior to sampling or will be sampled at site departure. All wells requiring off-site traffic control in the public right-of-way, the 80% recharge rule may be disregarded in the interests of Health and Safety. The sample may be collected as soon as there is sufficient water. The water level at time of sampling will be noted.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Chevron approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Duplicates, if requested, may be collected at a site. The Duplicate sample is collected, typically from the well containing the most measurable contaminants. The Duplicate sample is labeled the same as the original.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 550) or HACH field test kits.

The YSI meters are able to collect accurate in-situ readings. The probe allows downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe is lowered into the water column and the reading is allowed to stabilize prior to collection.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

WELL GAUGING DATA

Project # 090429 - DR1 Date 4/29/09 Client Chevron 9-3600

Site 2200 Telegraph Ave. Oakland CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or (TOC)	Notes
MW-1	1229	2					11.68	20.11	↓	
MW-2	1234	2					11.06	20.07		
MW-3	1238	2					11.10	20.06		

CHEVI N WELL MONITORING DA SHEET

Project #: 090429-DR1	Station #: 9-3600
Sampler: DR	Date: 4/29/09
Weather: Clear	Ambient Air Temperature: 60 °F
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.11	Depth to Water: 11.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.37	

Purge Method:

- Bailer
- X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: Bailer

- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

1.3 (Gals.) X 3 = 3.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1334	66.0	6.8	949	764	1.3	cloudy/odor
1336	65.9	6.8	898	912	2.6	" / "
1338	65.7	6.8	892	>1000	3.9	" / "

Did well dewater? Yes (No) Gallons actually evacuated: 3.9

Sampling Date: 4/29/09 Sampling Time: 1345 Depth to Water: 12.37

Sample I.D.: MW-1 Laboratory: (Lancaster) Other_____

Analyzed for: TPH-G BTEX MTBE OXYS Other: See CoC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 090429-DR1	Station #: 9-3600
Sampler: DR	Date: 4/29/09
Weather: Clear	Ambient Air Temperature: 60°F
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.07	Depth to Water: 11.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.86	

Purge Method:

- Bailer
- X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: Bailer

- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

1.4 (Gals.) X 3 = 4.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1318	65.9	6.8	1147	494	1.4	cloudy
1320	65.7	6.7	1145	728	2.8	"
1322	65.8	6.6	1143	905	4.2	" DTW = 15.91

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: 4/29/09 Sampling Time: 1355 Depth to Water: 12.86

Sample I.D.: MW-2 Laboratory: (Lancaster) Other_____

Analyzed for: TPH-G BTEX MTBE OXYS Other: See CoC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 090429-DR1	Station #: 9-3600
Sampler: DR	Date: 4/29/09
Weather: Clear	Ambient Air Temperature: 65° F
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.06	Depth to Water: 11.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.89	

Purge Method:

- Bailer
- X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: Bailer

- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

1.4 (Gals.) X 3 = 4.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1251	66.8	6.6	753	418	1.4	cloudy
1253	67.1	6.7	756	722	2.8	"
1255	67.2	6.8	771	832	4.2	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: 4/29/09 Sampling Time: 1259 Depth to Water: 12.26

Sample I.D.: MW-3 Laboratory: (Lancaster) Other_____

Analyzed for: TPH-G BTEX MTBE OXYS Other: See COC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

QA @ 1245

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ▪ 6111 Bollinger Canyon Rd.▪ San Ramon, CA 94583 COC 1 of 1

Chevron Site Number: 93600

Chevron Site Global ID: T0600161613

Chevron Site Address: 2200 Telgraph Ave.,

Oakland, CA

Chevron PM: AARON COSTA

Chevron PM Phone No.: (925)543-2961

☒ Retail and Terminal Business Unit (RTBU) Job
☒ Construction/Retail Job

Chevron Consultant: CRA

Address: 5900 Hollis St. Suite A Emeryville,

CAConsultant Contact: Charlotte Evans

Consultant Phone No. 510-420-3351

Consultant Project No. 090429-DR1

Sampling Company: Blaine Tech Services

Sampled By (Print): D. Raynal

Sampler Signature:

Charge Code: NWRTB-0093600-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
SITE ASSESSMENT: **A1L** REMEDIATION IMPLEMENTATION: **R5L**
SITE MONITORING: **OML** OPERATION MAINTENANCE & MONITORING: **M1L**

THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

Lancaster Laboratories

☒ Lancaster, PA
Lab Contact: Jill Parker

2425 New Holland Pike,
Lancaster, PA 17601
Phone No:
(717)656-2300

Other Lab

Temp. Blank Check

Time	Temp.
1300	2.0°C
1500	2.0°C

ANALYSES REQUIRED

H	H										Preservation Codes
EPA 8260B/GC/MS TPH-G ☐ BTEX ☒ MTBE ☒ 5 OXYGENATES ☒ HVOC ☐ (Ethanol)	EPA 8015B GRO ☒ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA150.1 PH ☐ / EPA 310.1 ALKALINITY ☐	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH ☐ / EPA 413.1 OIL & GREASE ☐				H =HCL T= Thiosulfate N =HNO_3 B = NaOH S = H_2SO_4 O = Other

Special Instructions
Must meet lowest detection limits possible for 8260 Compounds

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	Notes/Comments
MW-1	W		090429	1345	6	40 ml VOA	
MW-2	W		090429	1355	6	40 ml VOA	
MW-3	W		090429	1259	6	40 ml VOA	
QA	T		090429	1245	2	40 ml VOA	No Oxy's or Ethanol

COPY

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time
	BTS	4/29/09 1400	(sample custody)	BTS	4/29/09 1810
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

Turnaround Time:
Standard☒ 24 Hours☐ 48 hours☐ 72 Hours☐ Other☐

Sample Integrity: (Check by lab on arrival)

Intact: _____ On Ice: _____ Temp: _____

COC #

WELLHEAD INSPECTION CHECKLIST

Client Chevron #9-3600 Date 4/29/09

Site Address 2200 Telegraph Ave. Oakland CA

Job Number 090429-DR1 Technician DR

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1								X		
MW-2	DR							X		
MW 3	X									

NOTES: MW-1 1 tab broken. other tab stripped. MW-2 1 of 2 tabs stripped.

CHEVRON-NORTHERN CALIFORNIA TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY IWM TO THEIR FACILITY IN SAN JOSE, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Ave. San Jose CA (408)573-0555). Blaine Tech Services, Inc. is authorized by CHEVRON PRODUCTS COMPANY (CHEVRON) to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the CHEVRON facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Chevron facility to BTS; from one Chevron facility to BTS via another Chevron facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of CHEVRON.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Chevron facility described below:

9-3600
CHEVRON # Chevron Engineer

2200 Telegraph Ave. Oakland CA
street number street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	13.9		
MW-2	14.2		
MW-3	14.2		

added equip. rinse water 30

any other adjustments

TOTAL GALS. RECOVERED 153

loaded onto BTS vehicle # 73

BTS event # 090429-DR1 time 1405 date 4/29/09

signature

* *

REC'D AT time date

unloaded by signature

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 2200 Telegraph Ave. Oakland CA				PROJECT NUMBER 090429-DR1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °F	INITIALS
Myron L Ultrameter	6215727	4/29/09 1220	7.0 10.0 4.0 3900	7.02 9.99 4.0 3902	Y	63.2	DR
Hach Turbidimeter	07110C026534	4/29/09 1230	S60 55 5.7	S58 54 S	Y	—	DR

ATTACHMENT B

LANCASTER LABORATORIES MAY 11, 2009 ANALYTICAL REPORT

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

May 11, 2009

SAMPLE GROUP

The sample group for this submittal is 1143025. Samples arrived at the laboratory on Saturday, May 02, 2009. The PO# for this group is 0015040460 and the release number is COSTA.

Client Description	Lancaster Labs Number
MW-1-W-090429 NA Water	5661648
MW-2-W-090429 NA Water	5661649
MW-3-W-090429 NA Water	5661650
QA-T-090429 NA Water	5661651

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Chronicle.

ELECTRONIC COPY TO	Conestoga Rovers & Associates	Attn: Gregory Buchanan
ELECTRONIC COPY TO	Conestoga Rovers & Associates	Attn: Allison Cone
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Conestoga Rovers & Associates	Attn: Jim Schneider
ELECTRONIC COPY TO	Conestoga Rovers & Associates	Attn: Chase Whalen

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ELECTRONIC COPY TO	Conestoga Rovers & Associates	Attn: Derek Wilken
ELECTRONIC COPY TO	Conestoga Rovers & Associates	Attn: Katrina Zigan

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300

Respectfully Submitted,

Marla S. Lord
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5661648

Group No. 1143025
CA

MW-1-W-090429 NA Water
Facility# 93600 BTST
2200 Telegraph-Oakland T0600161613 MW-1

Collected: 04/29/2009 13:45 by DR

Account Number: 10991

Submitted: 05/02/2009 10:15
Reported: 05/11/2009 at 09:58
Discard: 06/11/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TAO01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	**ug/l**	
06059	t-Amyl methyl ether	994-05-8	N.D.	0.5	1	1
06059	Benzene	71-43-2	N.D.	0.5	1	1
06059	t-Butyl alcohol	75-65-0	5	2	5	1
06059	Ethanol	64-17-5	N.D.	50	250	1
06059	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1	1
06059	Ethylbenzene	100-41-4	3	0.5	1	1
06059	di-Isopropyl ether	108-20-3	N.D.	0.5	1	1
06059	Methyl Tertiary Butyl Ether	1634-04-4	25	0.5	1	1
06059	Toluene	108-88-3	N.D.	0.5	1	1
06059	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,800	50	100	1

General Sample Comments

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091254AA	05/06/2009 02:20	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091254AA	05/06/2009 02:20	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09126F20A	05/07/2009 19:23	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09126F20A	05/07/2009 19:23	Tyler O Griffin	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5661649

Group No. 1143025
CA

MW-2-W-090429 NA Water
Facility# 93600 BTST
2200 Telegraph-Oakland T0600161613 MW-2

Collected: 04/29/2009 13:55 by DR

Account Number: 10991

Submitted: 05/02/2009 10:15
Reported: 05/11/2009 at 09:58
Discard: 06/11/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TAO02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	**ug/l**	
06059	t-Amyl methyl ether	994-05-8	N.D.	0.5	1	1
06059	Benzene	71-43-2	N.D.	0.5	1	1
06059	t-Butyl alcohol	75-65-0	N.D.	2	5	1
06059	Ethanol	64-17-5	N.D.	50	250	1
06059	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1	1
06059	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06059	di-Isopropyl ether	108-20-3	N.D.	0.5	1	1
06059	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
06059	Toluene	108-88-3	N.D.	0.5	1	1
06059	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091254AA	05/06/2009 02:45	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091254AA	05/06/2009 02:45	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09126F20A	05/07/2009 19:44	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09126F20A	05/07/2009 19:44	Tyler O Griffin	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5661650

Group No. 1143025
CA

MW-3-W-090429 NA Water
Facility# 93600 BTST
2200 Telegraph-Oakland T0600161613 MW-3

Collected: 04/29/2009 12:59 by DR

Account Number: 10991

Submitted: 05/02/2009 10:15
Reported: 05/11/2009 at 09:58
Discard: 06/11/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TAO03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	**ug/l**	
06059	t-Amyl methyl ether	994-05-8	N.D.	0.5	1	1
06059	Benzene	71-43-2	N.D.	0.5	1	1
06059	t-Butyl alcohol	75-65-0	N.D.	2	5	1
06059	Ethanol	64-17-5	N.D.	50	250	1
06059	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1	1
06059	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06059	di-Isopropyl ether	108-20-3	N.D.	0.5	1	1
06059	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
06059	Toluene	108-88-3	N.D.	0.5	1	1
06059	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091254AA	05/06/2009 03:10	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091254AA	05/06/2009 03:10	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09127A08A	05/07/2009 18:46	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09127A08A	05/07/2009 18:46	Marie D John	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5661651

Group No. 1143025
CA

QA-T-090429 NA Water
Facility# 93600 BTST
2200 Telegraph-Oakland T0600161613 QA

Collected: 04/29/2009 12:45

Account Number: 10991

Submitted: 05/02/2009 10:15
Reported: 05/11/2009 at 09:58
Discard: 06/11/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TAOQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	**ug/l**	
06054	Benzene	71-43-2	N.D.	0.5	1	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
06054	Toluene	108-88-3	N.D.	0.5	1	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	Z091252AA	05/05/2009 09:51	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091252AA	05/05/2009 09:51	Ginelle L Feister	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09127A08A	05/07/2009 17:08	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09127A08A	05/07/2009 17:08	Marie D John	1

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

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1143025
Reported: 05/11/09 at 09:58 AM

Matrix QC may not be reported if 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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Z091252AA	Sample number(s): 5661651								
Benzene	N.D.	0.5	1	ug/l	100		80-116		
Ethylbenzene	N.D.	0.5	1	ug/l	100		80-113		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	89		78-117		
Toluene	N.D.	0.5	1	ug/l	103		80-115		
Xylene (Total)	N.D.	0.5	1	ug/l	97		81-114		
Batch number: Z091254AA	Sample number(s): 5661648-5661650								
t-Amyl methyl ether	N.D.	0.5	1	ug/l	84		78-117		
Benzene	N.D.	0.5	1	ug/l	99		80-116		
t-Butyl alcohol	N.D.	2.	5	ug/l	102		74-116		
Ethanol	N.D.	50.	250	ug/l	90		40-158		
Ethyl t-butyl ether	N.D.	0.5	1	ug/l	90		75-118		
Ethylbenzene	N.D.	0.5	1	ug/l	97		80-113		
di-Isopropyl ether	N.D.	0.5	1	ug/l	93		71-124		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	87		78-117		
Toluene	N.D.	0.5	1	ug/l	101		80-115		
Xylene (Total)	N.D.	0.5	1	ug/l	95		81-114		
Batch number: 09126F20A	Sample number(s): 5661648-5661649								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	100	109	75-135	9	30
Batch number: 09127A08A	Sample number(s): 5661650-5661651								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	91	100	75-135	10	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Z091252AA	Sample number(s): 5661651 UNSPK: P661654								
Benzene	108	109	80-126	1	30				
Ethylbenzene	106	108	77-125	2	30				
Methyl Tertiary Butyl Ether	92	93	72-126	1	30				
Toluene	111	112	80-125	1	30				
Xylene (Total)	104	105	79-125	1	30				
Batch number: Z091254AA	Sample number(s): 5661648-5661650 UNSPK: P659384								
t-Amyl methyl ether	88	90	75-122	2	30				
Benzene	108	109	80-126	0	30				
t-Butyl alcohol	101	100	67-119	1	30				

*- 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.

Quality Control Summary

Client Name: Chevron Group Number: 1143025
Reported: 05/11/09 at 09:58 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethanol	95	103	37-164	7	30				
Ethyl t-butyl ether	97	99	74-122	2	30				
Ethylbenzene	107	106	77-125	1	30				
di-Isopropyl ether	98	99	70-129	1	30				
Methyl Tertiary Butyl Ether	94	100	72-126	2	30				
Toluene	108	107	80-125	1	30				
Xylene (Total)	103	102	79-125	0	30				
Batch number: 09126F20A	Sample number(s): 5661648-5661649 UNSPK: P659337								
TPH-GRO N. CA water C6-C12	109		63-154						
Batch number: 09127A08A	Sample number(s): 5661650-5661651 UNSPK: P662013								
TPH-GRO N. CA water C6-C12	118		63-154						

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: TPH-GRO N. CA water C6-C12
Batch number: 09126F20A

	Trifluorotoluene-F
5661648	123
5661649	96
Blank	95
LCS	112
LCSD	111
MS	122
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09127A08A

	Trifluorotoluene-F
5661650	104
5661651	106
Blank	105
LCS	122
LCSD	122
MS	117
Limits:	63-135

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z091252AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5661651	85	85	84	79

*- 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.

Quality Control Summary

Client Name: Chevron Group Number: 1143025
Reported: 05/11/09 at 09:58 AM

Surrogate Quality Control

Blank	85	83	84	79
LCS	84	84	84	82
MS	84	83	85	82
MSD	84	83	84	82
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+5 Oxygenates+ETOH
Batch number: Z091254AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5661648	83	82	84	83
5661649	85	84	85	79
5661650	86	83	83	78
Blank	85	84	84	78
LCS	84	85	83	80
MS	84	83	84	83
MSD	85	84	84	82
Limits:	80-116	77-113	80-113	78-113

*- 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.

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ▪ 6111 Bollinger Canyon Rd.▪ San Ramon, CA 94583 COC 1 of 1

Chevron Site Number: 93600
Chevron Site Global ID: T0600161613
Chevron Site Address: 2200 Telgraph Ave., Oakland, CA
Chevron PM: AARON COSTA
Chevron PM Phone No.: (925)543-2961
☒ Retail and Terminal Business Unit (RTBU) Job
☒ Construction/Retail Job

Chevron Consultant: CRA
Address: 5900 Hollis St. Suite A Emeryville, CA
Consultant Contact: Charlotte Evans
Consultant Phone No. 510-420-3351
Consultant Project No. 090429-DR1
Sampling Company: Blaine Tech Services
Sampled By (Print): D. Raynal
Sampler Signature:

Charge Code: NWRTB-0093600-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
SITE ASSESSMENT: **A1L** REMEDIATION IMPLEMENTATION: **R5L**
SITE MONITORING: **OML** OPERATION MAINTENANCE & MONITORING: **M1L**

THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

Lancaster Laboratories
☒ Lancaster, PA
Lab Contact: Jill Parker
2425 New Holland Pike, Lancaster, PA 17601
Phone No: (717)656-2300

Other Lab

Temp. Blank Check
Time / Temp.
1300 / 20°C
1500 / 20°C

ANALYSES REQUIRED

H	H										
EPA 8260B/GC/MS TPH-G ☐ BTEX ☒ MTBE ☒ 5 OXYGENATES ☒ HVOC ☐ (Ethanol)	EPA 8015B GRO ☒ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA150.1 PH ☐	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH ☐	EPA 310.1 ALKALINITY ☐	EPA 413.1 OIL & GREASE ☐		

Preservation Codes
H =HCL T= Thiosulfate
N =HNO_3 B = NaOH
S = H_2SO_4 O = Other
acct # 10991
po # 1143095
sample # 56616648-51

Special Instructions
Must meet lowest detection limits possible for 8260 Compounds

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type												Notes/Comments
MW-1	W		090429	1345	6	40 ml VOA	X	X										
MW-2	W		090429	1355	6	40 ml VOA	X	X										
MW-3	W		090429	1259	6	40 ml VOA	X	X										
QA	T		090429	1245	2	40 ml VOA	X	X										No Oxy's or Ethanol

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time
D. Raynal	BTS	4/29/09 1410	D. Raynal (sample custody)	BTS	4/29/09 1810
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Shipped via FedEx 5/1 by @ 1730			Katie Hartlove		5/2/09 10:15

Turnaround Time:
Standard ☒ 24 Hours ☐ 48 hours ☐ 72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Intact: yes On Ice: yes Temp: 4.9-5.7°C
COC #

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> 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 of gas 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.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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.

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