Stacie H. Frerichs
Team Lead
Marketing Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9655
Fax (925) 842-8370

May 7, 2009
(date)

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

Re: Chevron Facility #_9-3864_____

Address: 5101 Telegraph Avenue, Oakland, California_____

I have reviewed the attached report titled *First Semi-Annual 2009 Groundwater Monitoring Report*_____ and dated May 7, 2009.

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

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

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

SH Frerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

CONESTOGA-ROVERS
& ASSOCIATES

2000 Opportunity Dr, Suite 110, Roseville, California 95678
Telephone: 916-751-4100 Facsimile: 916-751-4199
www.CRAworld.com

May 7, 2009

Reference No. 611951

Mr. Steven Plunkett
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: First Semi-Annual 2009 Groundwater Monitoring Report
Former Chevron Service Station 9-3864
5101 Telegraph Avenue
Oakland, California
LOP Case #RO0000351

Dear Mr. Plunkett:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to Alameda County Environmental Health (ACEH) on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated April 22, 2009) presents the results of the monitoring and sampling of wells C-3, MW-1 through MW-3, and MW-5 during first quarter 2009. Monitoring of wells C-3 and MW-3 is performed on a semi-annual basis during the first and third quarters; wells MW-1, MW-2, and MW-5 are monitored on an annual basis during the first quarter. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the first semi-annual 2009 analytical results along with a rose diagram.

Additional investigation is planned to further evaluate the extent of impacted groundwater in the downgradient direction, and to evaluate if impacted groundwater may be migrating beneath the site from an offsite source. The destruction and replacement of several wells in the nearby streets was also proposed. The proposed work was outlined in our September 17, 2004 *Investigation Workplan* and September 19, 2007 *Well Destruction and Replacement Work Plan.* Chevron has been attempting to secure access agreements with nearby property owners to complete the work. However, difficulties have been experienced that have resulted in significant delays. Therefore, CRA is preparing a work plan addendum that will be submitted under separate cover.

Please contact Mr. James Kiernan at (916) 751-4102 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Kelly M. Rider

James P. Kiernan, P.E. #C68498

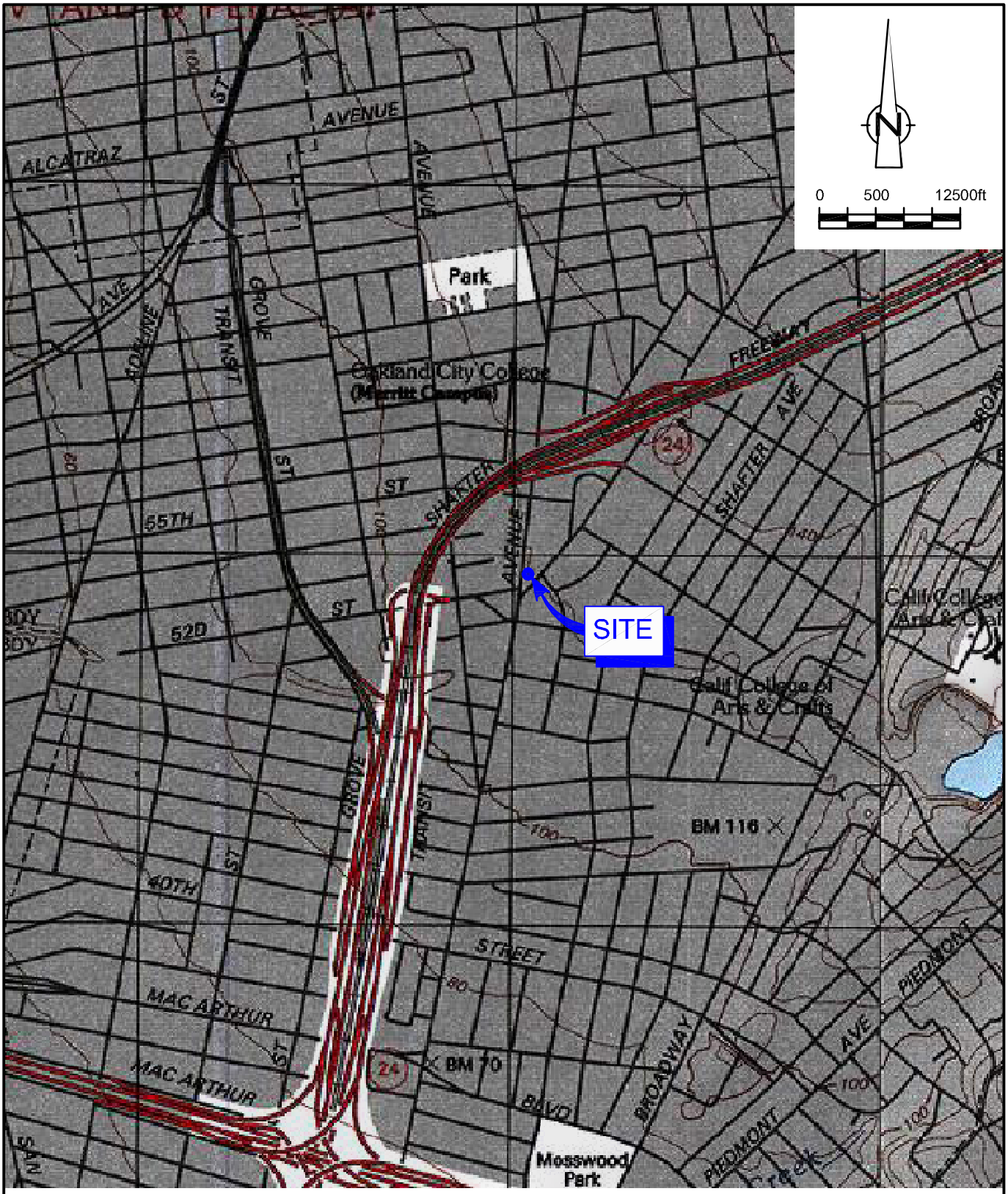
REGISTERED PROFESSIONAL ENGINEER
JAMES P. KIERNAN
No. 68498
Exp. 9/30/09
CIVIL
STATE OF CALIFORNIA

KR/kw/2
Encl.

Figure 1	Vicinity Map
Figure 2	Concentration Map
Attachment A	Groundwater Monitoring and Sampling Report

cc: Ms. Stacie Frerichs, Chevron Environmental Management Company
Mr. John Gwynn, Gwynn-Shields & Associates

FIGURES



SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
FORMER CHEVRON SERVICE STATION 9-3864
5101 TELEGRAPH AVENUE
Oakland, California

0 20 60ft

SOURCE: GETTLER-RYAN INC.

5205 TELEGRAPH AVENUE
OAKLAND PUBLIC
LIBRARY TERESCAL
BRANCH

TELEGRAPH AVENUE

CLAREMONT AVENUE

52ND STREET

51ST STREET

51ST STREET

DRIVEWAY

DRIVEWAY

FORMER USTS

FORMER STATION BUILDING

FORMER WASTE OIL TANK

FORMER USTS

FORMER DISPENSERS

FORMER USTS

PG&E PROPERTY

BUILDING

5055 TELEGRAPH AVENUE WALGREENS

C.B.

MW-1
(<50)
(<0.5)
(<0.5)

MW-2
(<50)
(<0.5)
(<0.5)

MW-3
(4,800)
(2)
(<0.5)

MW-3R

C-1

C-2

C-3
(4,200)
(<0.5)
(<0.5)

C-4

MW-1

MW-2

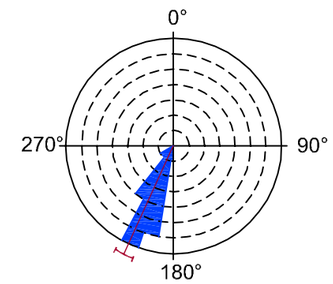
MW-3

MW-4

MW-5
(<50)
(<0.5)
(<0.5)

LEGEND

- PROPOSED MONITORING WELL LOCATION
- MONITORING WELL LOCATION
- AUTOPRO WELL LOCATION
- ABANDONED WELL LOCATION
- STORM DRAIN LINE
- SANITARY SEWER LINE
- (440) TPHg CONCENTRATION (ug/L)
- *(0.9)* BENZENE CONCENTRATION (ug/L)
- (18) MTBE CONCENTRATION (ug/L)
- (NS) NOT SAMPLED



HISTORICAL GROUNDWATER FLOW DIRECTION

figure 2

CONCENTRATION MAP
FORMER CHEVRON STATION 9-3864
5101 TELEGRAPH AVENUE
Oakland, California

611951-202(002)GN-WA001 MAY 06/2009

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

GETTLER-RYAN INC.

TRANSMITTAL

May 1, 2009
G-R #386358

TO: Mr. James Kierman
Conestoga-Rovers & Associates
2000 Opportunity Drive, Suite 110
Roseville, California 95678

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Former Chevron Service Station
#9-3864 (MTI)
5101 Telegraph Avenue
Oakland, California
RO 0000351

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	April 22, 2009	Groundwater Monitoring and Sampling Report **First Semi-Annual Event of March 30, 2009**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Ms. Stacie H. Frerichs, Chevron Environmental Management Company, P.O. Box 6012, Room K2200, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***May 15, 2009,*** at which time this final report will be distributed to the following:

cc: Mr. Chuck Headlee, RWQCB-San Francisco Bay Region, 1515 Clay St., Suite 1400, Oakland, CA 94612 **(No Hard Copy)**
Mr. John Gwynn, Gwynn-Schields & Associates, 300 Lakeside Dr., Ste. 1980, Oakland, CA 94612
Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(No Hard Copy-UPLOAD TO ALAMEDA CO.)**

Enclosures

trans/9-3864-SHF

Chevron

Stacie H. Frerichs
Team Lead
Marketing Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9655
Fax (925) 842-8370

May 1, 2009
(date)

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

Re: Chevron Facility # 9-3864

Address: 5101 Telegraph Ave., Oakland, California

I have reviewed the attached routine groundwater monitoring report dated May 1, 2009.

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

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

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

SHFrerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-3864
Site Address: 5101 Telegraph Avenue
City: Oakland, CA

Job # 386358
Event Date: 3/30/09
Sampler: JH

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y / N	REPLACE CAP Y / N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
C.)	ok							N	N	12" emco	N
MW-1	ok			5x1	ok					8" emco	
MW-2	ok									"	
MW-3	ok	M	ok	5x3	ok					8" IRL	
MW-5	ok									8" emco	

Comments

GETTLER-RYAN INC.

April 22, 2009
G-R Job #386358

Ms. Stacie H. Frerichs
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3596
San Ramon, CA 94583

RE: First Semi-Annual Event of March 30, 2009
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

Dear Ms. H. Frerichs:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

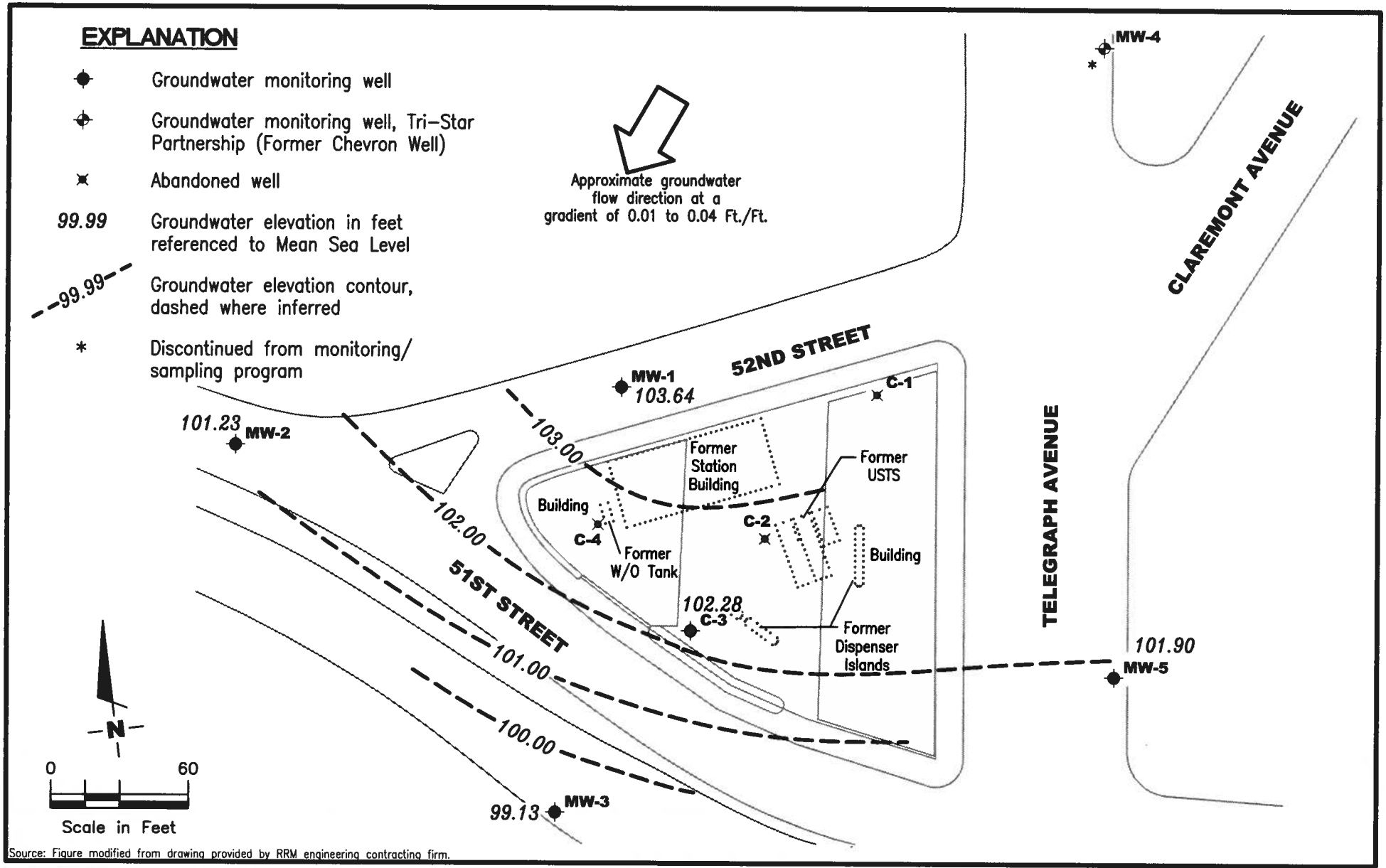
Deanna L. Harding
Project Coordinator

Douglas J. Lee
Senior Geologist, P.G. No. 6882

PROFESSIONAL GEOLOGIST
DOUGLAS J. LEE
No. 6882
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Dissolved Oxygen Concentrations
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • **Rancho Cordova**, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • **Petaluma**, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



Source: Figure modified from drawing provided by RRM engineering contracting firm.

GETTLER - RYAN INC.
6747 Sierra Court, Suite J
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386358		March 30, 2009	

FILE NAME: P:\Enviro\Chevron\9-3864\Q09-9-3864.DWG | Layout Tab: Pot1

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-3										
12/06/90		115.70	98.84	16.86	210	2.0	<0.5	<0.5	1.0	--
12/06/90	(D)	--	--	--	220	2.0	0.6	<0.5	2.0	--
06/06/91		115.70	100.01	15.69	6,400	310	21	16	21	--
09/16/92		115.70	99.81	15.89	7,100	130	26	12	30	--
12/04/91		115.70	100.32	15.38	5,100	120	18	17	20	--
06/02/92		115.70	100.30	15.40	6,700	140	44	17	37	--
12/21/92		115.70	101.79	13.91	13,000	390	360	100	410	--
03/11/93		115.70	101.95	13.75	5,100	86	20	12	23	--
06/11/93		115.70	101.03	14.67	7,200	91	38	19	38	--
09/13/93		115.70	100.17	15.53	6,800	100	52	41	75	--
12/14/93		115.70	101.30	14.40	8,600	74	23	18	36	--
03/16/94		115.70	101.44	14.26	6,000	100	42	27	30	--
06/17/94		115.70	100.60	15.10	15,000	170	120	120	270	--
08/29/94		115.70	100.30	15.40	26,000	51	<0.5	58	107	--
12/06/94		115.70	101.90	13.80	34,000	88	140	98	390	--
03/31/95		115.70	102.91	12.79	2,800	42	<5.0	<5.0	6.6	--
06/24/95		115.70	100.84	14.86	5,200	34	<10	<10	13	--
09/12/95		115.70	100.76	14.94	7,000	45	<10	28	42	--
12/29/95		115.70	102.12	13.58	5,100	20	<10	<10	19	<50
02/29/96		115.70	102.88	12.82	2,600	15	<5.0	17	16	<25
06/26/96		115.70	101.32	14.38	4,400	<10	<10	<10	<10	<50
09/12/96		115.70	100.75	14.95	5,800	73	22	18	17	61
12/11/96		115.70	103.08	12.62	8,800	81	<20	<20	37	200
03/31/97		115.70	100.70	15.00	8,100	38	62	30	42	38
06/29/97		115.70	100.08	15.62	5,800	<10	<10	<10	67	<50
09/30/97		115.70	100.70	15.00	6,200	<10	28	21	27	130
12/12/97		115.70	103.68	12.02	330	1.6	1.1	<1.0	3.4	<5.0
02/19/98		115.70	103.26	12.44	110	1.7	<0.5	<0.5	0.51	<2.5
06/16/98		115.70	102.29	13.41	7,400	63	16	<10	<10	170
08/31/98		115.70	101.70	14.00	4,400	6.4	<2.5	5.4	16	15
12/23/98		115.70	102.91	12.79	11,000	83	37	69	76	86
03/09/99		115.70	102.70	13.00	6,500	45	38	17	30	110
06/23/99[1]		115.70	101.92	13.78	--	--	--	--	--	--
09/30/99		115.70	99.70	16.00	3,870	29.7	8.72	7.08	7.75	<50
02/29/00		115.70	102.14	13.56	2,660	22.5	<5.0	11.2	11.6	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-3 (cont)									
09/18/00[3]	115.70	103.25	12.45	740[4]	6.0	4.5	<2.5	6.0	<13
03/21/01[3]	115.70	102.05	13.65	1,700[4]	21	12	14	19	59
09/04/01[3]	115.70	101.09	14.61	4,100	<10	4.8	6.5	14	<5.0/<2[5]
03/22/02[3,6]	115.70	102.49	13.21	3,600	<5.0	<5.0	6.1	<15	<2.5
09/16/02[3]	115.70	100.39	15.31	4,000	<10	<5.0	4.3	<10	7.9
03/28/03[3]	115.70	101.38	14.32	2,400	<2.5	<2.5	5.5	<7.5	<13
09/02/03[3,7]	115.70	101.33	14.37	2,800	1	0.9	0.9	4	<0.5
03/18/04[7,8]	115.70	101.56	14.14	5,300	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04[7]	115.70	101.50	14.20	3,200	0.8	0.8	1	3	10
03/11/05[7]	115.70	102.79	12.91	4,200	0.6	0.5	1	3	<0.5
09/29/05[7]	115.70	101.13	14.57	4,900	0.6	0.5	2	3	<0.5
03/24/06	115.70	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
09/12/06[7]	115.70	101.29	14.41	5,900	<1	<1	<1	2	<1
03/05/07[7]	115.70	102.81	12.89	4,600	<0.5	<0.5	0.8	2	<0.5
09/21/07[7]	115.70	101.39	14.31	5,000	<0.5	<0.5	0.6	1	<0.5
03/06/08[7]	115.70	102.15	13.55	3,600	<0.5	<0.5	1	1	<0.5
09/05/08[7]	115.70	101.00	14.70	2,700	<0.5	<0.5	0.9	1	<0.5
03/30/09[7]	**115.70**	**102.28**	**13.42**	**4,200**	**<0.5**	**<0.5**	**0.8**	**3**	**<0.5**
MW-1									
09/20/93	115.05	102.37	12.68	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	115.05	105.01	10.04	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	115.05	103.10	11.95	<50	<0.5	1.7	<0.5	2.1	--
06/17/94	115.05	102.51	12.54	350	1.2	3.7	2.0	12	--
08/29/94	115.05	101.98	13.07	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	115.05	104.45	10.60	140	0.9	2.8	1.1	4.2	--
03/31/95	115.05	104.74	10.31	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	115.05	102.44	12.61	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	115.05	102.00	13.05	<50	<0.5	<0.5	<0.5	<0.5	--
02/02/96	115.05	106.19	8.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	115.05	105.39	9.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	115.05	102.85	12.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	115.05	101.55	13.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	115.05	105.90	9.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1 (cont)									
03/31/97	115.05	102.30	12.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	115.05	102.01	13.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	115.05	101.80	13.25	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	115.05	106.06	8.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	115.05	105.64	9.41	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	115.02	103.48	11.54	<50	<0.5	<0.5	<0.5	<0.5	2.6
08/31/98	115.02	102.51	12.51	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	115.02	103.03	11.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	115.02	104.57	10.45	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	115.02	102.07	12.95	SAMPLED ANNUALLY		--	--	--	--
02/29/00	115.02	105.90	9.12	<50	<0.5	0.816	<0.5	<0.5	<5.0
09/18/00	115.02	104.14	10.88	--	--	--	--	--	--
03/21/01	115.02	104.01	11.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	115.02	103.60	11.42	--	--	--	--	--	--/<2[5]
03/22/02[6]	115.02	104.68	10.34	100	<0.50	24	0.80	4.9	15
09/16/02	115.02	102.35	12.67	SAMPLED ANNUALLY		--	--	--	--
03/28/03	115.02	103.29	11.73	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/02/03	115.02	102.74	12.28	SAMPLED ANNUALLY		--	--	--	--
03/18/04[7]	115.02	103.11	11.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04	115.02	101.89	13.13	SAMPLED ANNUALLY		--	--	--	--
03/11/05[7]	115.02	104.29	10.73	<50	<0.5	2	<0.5	<0.5	<0.5
09/29/05	115.02	101.97	13.05	SAMPLED ANNUALLY		--	--	--	--
03/24/06[7]	115.02	104.61	10.41	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06	115.02	101.91	13.11	SAMPLED ANNUALLY		--	--	--	--
03/05/07[7]	115.02	103.93	11.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07	115.02	102.07	12.95	SAMPLED ANNUALLY		--	--	--	--
03/06/08[7]	115.02	102.92	12.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08	115.02	102.54	12.48	SAMPLED ANNUALLY		--	--	--	--
03/30/09[7]	**115.02**	**103.64**	**11.38**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-2									
09/20/93	112.08	99.93	12.15	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	112.08	97.36	14.72	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	112.08	100.92	11.16	<50	<0.5	1.1	<0.5	0.9	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)									
06/17/94	112.08	100.41	11.67	330	1.4	3.3	1.9	11	--
08/29/94	112.08	100.08	12.00	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	112.08	102.57	9.51	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	112.08	103.24	8.84	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	112.08	100.44	11.64	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	112.08	100.00	12.08	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	112.08	101.58	10.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	112.08	104.08	8.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	112.08	100.58	11.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	112.08	99.81	12.27	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	112.08	104.17	7.91	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	112.08	100.20	11.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	112.08	99.89	12.19	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	112.08	99.46	12.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	112.08	102.85	9.23	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	112.08	104.87	7.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	112.03	101.10	10.93	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	112.03	99.69	12.34	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	112.03	100.59	11.44	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	112.03	103.23	8.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	112.03	101.22	10.81	SAMPLED ANNUALLY		--	--	--	--
02/29/00	112.03	105.12	6.91	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/18/00	112.03	101.00	11.03	--	--	--	--	--	--
03/21/01	112.03	101.61	10.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	112.03	101.04	10.99	--	--	--	--	--	--/<2[5]
03/22/02	112.03	102.14	9.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/16/02	112.03	100.02	12.01	SAMPLED ANNUALLY		--	--	--	--
03/28/03	112.03	101.23	10.80	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/02/03	112.03	100.15	11.88	SAMPLED ANNUALLY		--	--	--	--
03/18/04[7]	112.03	101.04	10.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04	112.03	99.15	12.88	SAMPLED ANNUALLY		--	--	--	--
03/11/05[7]	112.03	102.13	9.90	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/29/05	112.03	99.33	12.70	SAMPLED ANNUALLY		--	--	--	--
03/24/06[7]	112.03	103.04	8.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06	112.03	98.97	13.06	SAMPLED ANNUALLY		--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)									
03/05/07[7]	112.03	101.57	10.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07	112.03	99.35	12.68	SAMPLED ANNUALLY		--	--	--	--
03/06/08[7]	112.03	100.98	11.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08	112.03	99.22	12.81	SAMPLED ANNUALLY		--	--	--	--
03/30/09[7]	**112.03**	**101.23**	**10.80**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-3									
09/20/93	113.67	97.25	16.42	6,600	400	11	32	23	--
12/14/93	113.67	98.95	14.72	8,400	390	9.4	13	<2.5	--
03/16/94	113.67	98.45	15.22	6,900	260	30	32	27	--
06/17/94	113.67	97.62	16.05	10,000	190	61	58	190	--
08/29/94	113.67	97.44	16.23	7,200	74	9.8	26	24	--
12/06/94	113.67	99.35	14.32	13,000	610	86	88	140	--
03/31/95	113.67	99.98	13.69	4,300	120	<10	12	<10	--
06/24/95	113.67	98.02	15.65	6,200	210	24	29	12	--
09/12/95	113.67	97.68	15.99	7,200	190	<20	<20	<20	--
12/29/95	113.67	99.67	14.00	7,100	200	<10	45	24	<50
02/29/96	113.67	100.91	12.76	1,200	30	<5.0	<5.0	<5.0	<25
06/26/96	113.67	98.44	15.23	7,900	180	<20	35	28	240
09/12/96	113.67	97.73	15.94	11,000	150	<5.0	35	28	170
12/11/96	113.67	99.86	13.81	7,500	75	8.8	30	45	110
03/31/97	113.67	98.23	15.44	8,700	100	<10	20	23	50
06/29/97	113.67	97.99	15.68	9,300	120	28	22	19	150
09/30/97	113.67	97.76	15.91	8,200	78	<10	22	25	96
12/12/97	113.67	100.82	12.85	68	1.8	<0.5	<0.5	<0.5	<2.5
02/19/98	113.67	100.41	13.26	220	5.6	1.5	<0.5	<0.5	6.1
06/16/98	113.63	99.12	14.51	7,500	97	21	21	27	160
08/31/98	113.63	98.62	15.01	7,600	24	<2.5	9.5	16	38
12/23/98	113.63	100.03	13.60	5,800	69	<50	<50	<50	<250
03/09/99	113.63	99.59	14.04	5,300	<10	<10	16	20	88
06/23/99[1]	113.63	--	--	--	--	--	--	--	--
07/19/99[1]	113.63	--	--	--	--	--	--	--	--
09/30/99	113.63	96.74	16.89	8,660	53.7	16.9	17	19.6	132
02/29/00	113.63	INACCESSIBLE	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)									
09/18/00[3]	113.63	100.41	13.22	2,400[4]	14	6.8	4.7	7.4	28
03/21/01[3]	113.63	98.88	14.75	7,600[4]	41	30	<25	50	160
09/04/01	113.63	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--
03/22/02[3]	113.63	99.46	14.17	7,600	<10	4.2	11	<25	<5.0
09/16/02[3]	113.63	97.34	16.29	5,900	<20	<10	7.7	<15	21
03/28/03[3]	113.63	98.67	14.96	3,500	<20	3.3	7.3	10	<13
09/02/03[3,7]	113.63	98.20	15.43	4,500	3	2	2	5	<0.5
03/18/04[7,8]	113.63	98.91	14.72	5,300	3	1	3	4	<0.5
09/15/04	113.63	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--
03/11/05[7]	113.63	99.72	13.91	4,500	2	1	2	4	<0.5
09/29/05[7]	113.63	98.06	15.57	5,300	3	1	2	4	<0.5
03/24/06[7]	113.63	100.10	13.53	3,300	1	0.6	1	2	<0.5
09/12/06[7]	113.63	98.16	15.47	6,100	2	1	2	4	<0.5
03/05/07[7]	113.63	99.69	13.94	4,000	1	0.6	0.8	2	<0.5
09/21/07[7]	113.63	98.24	15.39	5,900	2	1	1	4	<0.5
03/06/08[7]	113.63	99.02	14.61	3,900	2	0.8	2	3	<0.5
09/05/08[7]	113.63	98.13	15.50	5,100	1	0.7	2	3	<0.5
03/30/09[7]	**113.63**	**99.13**	**14.50**	**4,800**	**2**	**0.7**	**1**	**3**	**<0.5**
MW-5									
09/20/93	116.74	101.43	15.31	590	25	1.8	0.6	2.0	--
12/14/93	116.74	102.19	14.55	210	11	6.3	2.3	6.1	--
03/16/94	116.74	101.77	14.97	270	12	16	4.8	17	--
06/17/94	116.74	101.36	15.38	220	24	17	6.7	28	--
08/29/94	116.74	101.54	15.20	1,000	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.74	102.09	14.65	110	9.2	9.7	2.2	11	--
03/31/95	116.74	103.04	13.70	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.74	101.95	14.79	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.74	102.15	14.59	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.74	101.76	14.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.74	103.07	13.67	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	116.74	102.50	14.24	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	116.74	102.12	14.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.74	102.93	13.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5 (cont)									
03/31/97	116.74	101.29	15.45	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	116.74	102.07	14.67	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	116.74	101.89	14.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	116.74	102.99	13.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	116.74	103.68	13.06	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	116.70	102.35	14.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	116.70	101.54	15.16	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	116.70	102.15	14.55	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	116.70	102.63	14.07	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	116.70	100.80	15.90	SAMPLED ANNUALLY		--	--	--	--
02/29/00	116.70	103.40	13.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/18/00	116.70	101.62	15.08	--	--	--	--	--	--
03/21/01	116.70	102.04	14.66	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	116.70	101.26	15.44	--	--	--	--	--	--/<2[5]
03/22/02[6]	116.70	101.99	14.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/16/02	116.70	101.02	15.68	SAMPLED ANNUALLY		--	--	--	--
03/28/03	116.70	101.65	15.05	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/02/03	116.70	101.34	15.36	SAMPLED ANNUALLY		--	--	--	--
03/18/04[7]	116.70	102.14	14.56	<50	1	0.7	1	3	<0.5
09/15/04	116.70	101.30	15.40	SAMPLED ANNUALLY		--	--	--	--
03/11/05[7]	116.70	102.50	14.20	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/29/05	116.70	101.23	15.47	SAMPLED ANNUALLY		--	--	--	--
03/24/06[7]	116.70	102.77	13.93	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06	116.70	102.03	14.67	SAMPLED ANNUALLY		--	--	--	--
03/05/07[7]	116.70	102.03	14.67	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07	116.70	101.10	15.60	SAMPLED ANNUALLY		--	--	--	--
03/06/08[7]	116.70	102.20	14.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08	116.70	101.24	15.46	SAMPLED ANNUALLY		--	--	--	--
03/30/09[7]	**116.70**	**101.90**	**14.80**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
C-1									
12/06/90	117.45	102.11	15.34	1,900	17	11	3.0	21	--
06/06/91	117.45	102.83	14.62	3,400	21	15	11	18	--
12/04/91	117.45	102.97	14.48	2,700	22	16	13	23	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-1 (cont)									
06/02/92	117.45	102.92	14.53	1,900	170	170	13	83	--
09/16/92	117.45	102.52	14.93	810	5.8	5.7	2.0	6.3	--
12/21/92	117.45	103.72	13.73	75	2.4	2.9	1.4	4.7	--
03/11/93	117.45	103.62	13.83	150	2.4	20	3.3	23	--
06/11/93	117.45	103.26	14.19	400	4.3	2.3	1.0	3.5	--
09/13/93	117.45	102.85	14.60	4,100	62	43	34	57	--
12/14/93	117.45	103.67	13.78	3,100	9.5	4.5	1.2	11	--
03/16/94	117.45	103.44	14.01	410	6.3	3.1	1.3	4.5	--
06/17/94	117.45	102.90	14.55	3,700	100	42	30	91	--
08/29/94	117.45	102.96	14.49	2,600	15	<0.5	6.7	9.7	--
12/06/94	117.45	104.04	13.41	510	2.0	2.2	1.7	9.4	--
03/31/95	117.45	105.33	12.12	5,440	9.0	2.3	2.0	3.6	--
06/24/95	117.45	103.45	14.00	260	5.8	1.0	0.94	0.88	--
09/12/95	117.45	103.42	14.03	650	14	1.1	1.6	2.4	--
12/29/95	117.45	104.50	12.95	990	32	6.3	4.0	3.2	46
02/29/96	117.45	105.27	12.18	840	2.5	<1.0	2.6	7.3	<5.0
06/26/96	117.45	103.72	13.73	290	3.6	0.73	1.0	1.1	9.9
09/12/96	117.45	103.32	14.13	1,200	17	1.8	4.0	4.4	24
12/11/96	117.45	104.66	12.79	7,700	<10	53	19	44	87
ABANDONED									
C-2									
12/06/90	116.16	100.82	15.34	210	140	9.0	2.0	11	--
06/06/91	116.16	101.54	14.62	4,800	340	23	19	23	--
12/04/91	116.16	100.73	15.43	3,900	85	15	9.1	15	--
06/02/92	116.16	101.74	14.42	3,300	76	9.2	14	15	--
09/16/92	116.16	101.35	14.81	3,000	16	15	3.4	7.5	--
12/21/92	116.16	102.79	13.37	2,200	21	12	7.1	15	--
03/11/93	116.16	102.69	13.47	2,200	33	24	12	25	--
06/11/93	116.16	102.18	13.98	2,600	21	25	11	26	--
09/13/93	116.16	101.61	14.55	2,100	31	25	18	39	--
12/14/93	116.16	102.46	13.70	3,800	<2.5	24	12	20	--
03/16/94	116.16	102.51	13.65	2,600	12	15	10	17	--
06/17/94	116.16	102.87	13.29	2,400	17	19	28	71	--
08/29/94	116.16	111.60	4.56	3,000	29	15	20	4.2	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-2 (cont)									
12/06/94	116.16	102.98	13.18	1,900	7.9	30	14	31	--
03/31/95	116.16	104.10	12.06	890	<1.3	<1.3	2.6	<1.3	--
06/24/95	116.16	102.19	13.97	730	4.8	<0.5	5.4	0.96	--
09/12/95	116.16	102.28	13.88	1,600	<2.5	<2.5	5.4	<2.5	--
12/29/95	116.16	103.31	12.85	1,000	9.1	2.7	8.7	2.7	19
02/29/96	116.16	104.09	12.07	850	<2.5	<2.5	8.7	11	<12
06/26/96	116.16	102.50	13.66	2,500	14	<5.0	13	6.3	<25
09/12/96	116.16	102.25	13.91	1,800	26	19	17	31	37
12/11/96	116.16	103.82	12.34	2,800	<5.0	34	14	<5.0	41
ABANDONED									
C-4									
12/06/90	116.10	98.42	17.68	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	116.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	116.10	99.61	16.49	<50	1.0	1.0	<0.5	0.7	--
12/04/91	116.10	99.28	16.82	70	6.5	9.8	1.7	8.6	--
06/02/92	116.10	99.18	16.92	70	3.0	4.4	1.8	9.0	--
09/16/92	116.10	98.39	17.71	<50	1.4	1.8	<0.5	1.1	--
12/21/92	116.10	100.74	15.36	<50	0.6	0.7	<0.5	1.5	--
03/11/93	116.10	100.61	15.49	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	116.10	99.83	16.27	52	0.9	3.1	0.7	3.8	--
09/13/93	116.10	98.92	17.18	64	0.9	1.0	<0.5	1.7	--
12/14/93	116.10	101.03	15.07	<50	<0.5	0.8	<0.5	0.7	--
03/16/94	116.10	100.19	15.91	<50	<0.5	1.0	<0.5	0.8	--
06/17/94	116.10	99.46	16.64	230	0.6	2.2	2.2	11	--
08/29/94	116.10	99.05	17.05	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.10	101.52	14.58	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	116.10	102.26	13.84	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.10	100.05	16.05	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.10	99.87	16.23	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.10	101.35	14.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.10	102.40	13.70	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-4 (cont)									
06/26/96	116.10	100.30	15.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	116.10	99.67	16.43	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.10	103.18	12.92	<50	<0.5	<0.5	<0.5	<0.5	<2.5
ABANDONED									
MW-4									
09/20/93	118.10	107.17	10.93	5,800	16	4.2	35	48	--
12/14/93	118.10	108.33	9.77	7,100	19	6.5	24	35	--
03/16/94	118.10	107.99	10.11	8,500	83	43	60	70	--
06/17/94	118.10	107.20	10.90	21,000	150	20	140	350	--
08/29/94	118.10	107.28	10.82	10,000	86	71	44	85	--
12/06/94	118.10	108.70	9.40	13,000	68	56	67	110	--
03/31/95	118.10	109.31	8.79	6,700	100	9.4	26	23	--
06/24/95	118.10	107.60	10.50	6,300	<20	<20	<20	24	--
09/12/95	118.10	107.90	10.20	7,100	65	16	<10	21	--
12/29/95	118.10	108.86	9.24	3,300	<10	<10	12	14	720
02/29/96	118.10	111.85	6.25	5,100	<10	37	23	21	85
06/26/96	118.10	107.92	10.18	6,800	<20	<20	<20	<20	<100
09/12/96	118.10	107.53	10.57	13,000	150	<10	38	35	240
12/11/96	118.10	109.39	8.71	26,000	<20	<20	<20	170	<100
03/31/97	118.10	107.18	10.92	12,000	120	74	45	70	240
06/29/97	118.10	106.43	11.67	8,800	24	<10	35	36	62
09/30/97	118.10	107.20	10.90	10,000	<10	<10	37	35	72
12/12/97	118.10	105.16	12.94	4,600	95	41	20	25	91
02/19/98	118.10	110.33	7.77	5,400	87	16	32	31	110
06/16/98[2]	118.08	107.82	10.26	10,000	<20	<20	35	37	150
NOT MONITORED/SAMPLED									
TRIP BLANK									
12/06/90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/04/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
TRIP BLANK (cont)									
06/02/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/16/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/21/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/11/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/13/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/29/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/11/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.9
03/09/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/29/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/18/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/21/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA									
03/22/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/16/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/28/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/02/03[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/04[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/29/05[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/24/06[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/05/07[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/06/08[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/30/09[7]	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to February 9, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

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

GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether

(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
(D) = Duplicate
QA = Quality Assurance/Trip Blank

[1] ORC installed.
[2] Transfer of title to Tri-Star Partnership, Inc. effective July 14, 1998.
[3] ORC in well.
[4] Laboratory report indicates gasoline C6-C12.
[5] MTBE by EPA Method 8260.
[6] Split samples taken by Harding ESE.
[7] BTEX and MTBE by EPA Method 8260.
[8] ORC removed from well.

Table 2

Dissolved Oxygen Concentrations

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID	DATE	PRE-PURGE *(mg/L)*	POST-PURGE *(mg/L)*
C-3[1]	09/18/00	3.64	--
	03/21/01	1.00	--
	09/04/01	1.40	--
	03/22/02	1.10	--
	09/16/02	1.20	--
	03/28/03[2]	--	--
	09/02/03	0.80	--
	03/18/04[3]	0.56	--
MW-3[1]	09/18/00	4.01	--
	03/21/01	1.30	--
	09/04/01	INACCESSIBLE - CAR PARKED OVER WELL	
	03/22/02	1.30	--
	09/16/02	1.00	--
	03/28/03[2]	--	--
	09/02/03	0.90	--
	03/18/04[3]	1.21	--

EXPLANATIONS:

(mg/L) = Milligrams per liter

-- = Not Measured

[1] ORC in well.

[2] Meter inoperable; unable to take Dissolved Oxygen measurements

[3] ORC removed from well.

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
C-3	09/04/01	<100	<2	<2	<2	<2	<2	<2
	09/02/03	--	<0.5	--	--	--	--	--
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	--	10	--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	09/29/05	--	<0.5	--	--	--	--	--
	03/24/06	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--
	09/12/06	--	<1	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	09/21/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	09/05/08	--	<0.5	--	--	--	--	--
	03/30/09	--	**<0.5**	--	--	--	--	--
MW-1	09/04/01	<100	<2	<2	<2	<2	<2	<2
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	SAMPLED ANNUALLY		--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	03/30/09	--	**<0.5**	--	--	--	--	--
MW-2	09/04/01	<100	<2	<2	<2	<2	<2	<2
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	SAMPLED ANNUALLY		--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	03/30/09	--	**<0.5**	--	--	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-3	09/02/03	--	<0.5	--	--	--	--	--
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	09/29/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	09/12/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	09/21/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	09/05/08	--	<0.5	--	--	--	--	--
	03/30/09	--	**<0.5**	--	--	--	--	--
MW-5	09/04/01	<100	<2	<2	<2	<2	<2	<2
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	SAMPLED ANNUALLY		--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	03/30/09	--	**<0.5**	--	--	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

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

(µg/L) = Micrograms per liter

-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

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.

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, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. 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 possible. 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. 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. For sampling sets greater than 20 samples, 5% trip blanks are included. 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 IWM to Chemical Waste Management located in Kettleman Hills, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-3864** Job Number: **386358**

Site Address: **5101 Telegraph Avenue** Event Date: 3/30/09 (inclusive)

City: **Oakland, CA** Sampler: JH

Well ID C-3 Date Monitored: 3/30/09

Well Diameter 2 in.

Total Depth 29.10 ft.

Depth to Water 13.42 ft. ☐ Check if water column is less then 0.50 ft.

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

15.68 xVF .17 = 2.66 x3 case volume = Estimated Purge Volume: 7.99 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.55

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Discrete Bailer	
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: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1230 Weather Conditions: clear

Sample Time/Date: 1315 / 3/30/09 Water Color: cloudy Odor: Y / (N)

Approx. Flow Rate: — gpm. Sediment Description: 1.5ft

Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 14.53

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1239	2.5	7.08	530	19.7		
1248	5.0	6.95	528	19.4		
1257	8.0	7.03	518	19.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-3	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS:

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Add/Replaced Bolt: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-3864** Job Number: **386358**

Site Address: **5101 Telegraph Avenue** Event Date: 3/30/09 (inclusive)

City: **Oakland, CA** Sampler: JH

Well ID MW-1 Date Monitored: 3/30/09

Well Diameter 2 in.

Total Depth 21.60 ft.

Depth to Water 11.38 ft.

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

☐ Check if water column is less then 0.50 ft.

10.22 xVF .17 = 1.73 x3 case volume = Estimated Purge Volume: 5.21 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.42

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Discrete Bailer	
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: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____
Product Transferred to: _____

Start Time (purge): 0830 Weather Conditions: Clear

Sample Time/Date: 0900 / 3/30/09 Water Color: Clear Odor: Y / N

Approx. Flow Rate: — gpm. Sediment Description: Tight

Did well de-water? N If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.00

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0835	1.75	7.95	300	16.3		
0840	3.0	8.03	278	16.9		
0845	5.25	7.64	276	17.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-3864 Job Number: 386358
Site Address: 5101 Telegraph Avenue Event Date: 3/30/09 (inclusive)
City: Oakland, CA Sampler: JH

Well ID MW-2 Date Monitored: 3/30/09
Well Diameter 2 in.
Total Depth 24.34 ft.
Depth to Water 10.80 ft.

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

☐ Check if water column is less then 0.50 ft.

13.54 xVF .17 = 2.30 x3 case volume = Estimated Purge Volume: 6.90 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.50

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

Sampling Equipment:
Disposable Bailer X
Pressure Bailer
Discrete Bailer
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: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 0930 Weather Conditions: clear
Sample Time/Date: 1005 / 3/30/09 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: sw
Did well de-water? N If yes, Time: Volume: gal. DTW @ Sampling: 13.00

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0936	2.25	7.54	299	17.3		
0942	4.5	7.54	297	16.6		
0951	6.0	7.10	299	17.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #9-3864 Job Number: 386358
Site Address: 5101 Telegraph Avenue Event Date: 3/30/09 (inclusive)
City: Oakland, CA Sampler: JH

Well ID MW-3 Date Monitored: 3/30/09
Well Diameter 2 in.
Total Depth 26.80 ft.
Depth to Water 14.50 ft.

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

☐ Check if water column is less then 0.50 ft.

12.30 xVF .17 = 2.09 x3 case volume = Estimated Purge Volume: 6.27 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.96

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Discrete Bailer	
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: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1035 Weather Conditions: Clear
Sample Time/Date: 1105 / 3/30/09 Water Color: Cloudy Odor: Y (N)
Approx. Flow Rate: — gpm. Sediment Description: Light Brn
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 15.07

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1040	2	6.99	524	18.4		
1045	4	6.87	517	18.6		
1052	6.25	6.94	506	18.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW3	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-3864** Job Number: **386358**
Site Address: **5101 Telegraph Avenue** Event Date: 3/30/09 (inclusive)
City: **Oakland, CA** Sampler: JH

Well ID MW-5 Date Monitored: 3/30/09
Well Diameter 2 in.
Total Depth 21.65 ft.
Depth to Water 14.80 ft.

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

☐ Check if water column is less then 0.50 ft.

6.85 xVF .17 = 1.16 x3 case volume = Estimated Purge Volume: 3.49 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.17

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Discrete Bailer	
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: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____
Product Transferred to: _____

Start Time (purge): 1140 Weather Conditions: Clear
Sample Time/Date: 1210 / 3/30/09 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Low
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 15.12

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1144	1	7.51	240	19.5		
1150	2	7.29	258	19.2		
1157	3.5	7.39	200	19.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

Ø4Ø1Ø9-Ø3

For Lancaster Laboratories use only
Acct. #: 12099 Sample #: 5637465-70 Group #: 016569
Group# 1138734

CRA MTI Project #: 61H-195

Facility #: SS#9-3864 G-R#386358 Global ID#T0600100343
Site Address: 5101 TELEGRAPH AVENUE, OAKLAND, CA
Chevron PM: MTI Lead Consultant: CRAKJ
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: Jim Keller

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Total Number of Containers	Preservation Codes	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
QA	3/31/09		X			X			2	H	X	X					
C-3		1315	X			X			6	H	X	X					
MW-1		0900	X			X			6	H	X	X					
MW-2		1005	X			X			6	H	X	X					
MW-3		1105	X			X			6	H	X	X					
MW-5	↓	1210	X			X			6	H	X	X					

Analyses Requested

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT | 72 hour | 48 hour | 24 hour | 4 day | 5 day

Data Package Options (please circle if required)
QC Summary | Type I - Full | Type VI (Raw Data) | ☐ Coelt Deliverable not needed | WIP (RWQCB) | Disk
EDF/EDD

	Date	Time		Date	Time
Relinquished by:	3/31/09	1400	Received by:	04-01-09	0820
Relinquished by:	04-01-09	0820	Received by:	04/APR/09	0950
Relinquished by:	04/APR/09	1630	Received by: FED EX		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	4/2/09	0905
Temperature Upon Receipt 1.2-2.3 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories
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Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

916-677-3407

Prepared by:

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

April 14, 2009

SAMPLE GROUP

The sample group for this submittal is 1138734. Samples arrived at the laboratory on Thursday, April 02, 2009. The PO# for this group is 93864 and the release number is MTI.

Client Description	Lancaster Labs Number
QA-T-090330 NA Water	5637465
C-3-W-090330 Grab Water	5637466
MW-1-W-090330 Grab Water	5637467
MW-2-W-090330 Grab Water	5637468
MW-3-W-090330 Grab Water	5637469
MW-5-W-090330 Grab Water	5637470

ELECTRONIC COPY TO Gettler-Ryan, Inc. Attn: Cheryl Hansen

Lancaster Laboratories

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Analysis Report

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

Respectfully Submitted,

Sarah Snyder
Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5637465

Group No. 1138734
CA

QA-T-090330 NA Water
Facility# 93864 Job# 386358 MTI# 61H-1951 GRD
5101 Telegraph Ave-Oakland T0600100343 QA

Collected: 03/30/2009

Account Number: 12099

Submitted: 04/02/2009 09:05
Reported: 04/14/2009 at 23:04
Discard: 05/15/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

TELQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
06054	Benzene	71-43-2	N.D.	0.5	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	N.D.	0.5	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	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	D091033AA	04/13/2009 20:51	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D091033AA	04/13/2009 20:51	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09092E20A	04/06/2009 19:02	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09092E20A	04/06/2009 19:02	Elizabeth J Marin	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5637466

Group No. 1138734
CA

C-3-W-090330 Grab Water
Facility# 93864 Job# 386358 MTI# 61H-1951 GRD
5101 Telegraph Ave-Oakland T0600100343 C-3

Collected: 03/30/2009 13:15 by JH

Account Number: 12099

Submitted: 04/02/2009 09:05
Reported: 04/14/2009 at 23:04
Discard: 05/15/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

TELC3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
06054	Benzene	71-43-2	N.D.	0.5	1
06054	Ethylbenzene	100-41-4	0.8	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	N.D.	0.5	1
06054	Xylene (Total)	1330-20-7	3	0.5	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	4,200	50	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	D090983AA	04/09/2009 06:30	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D090983AA	04/09/2009 06:30	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09092E20A	04/06/2009 23:46	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09092E20A	04/06/2009 23:46	Elizabeth J Marin	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5637467

Group No. 1138734
CA

MW-1-W-090330 Grab Water
Facility# 93864 Job# 386358 MTI# 61H-1951 GRD
5101 Telegraph Ave-Oakland T0600100343 MW-1

Collected: 03/30/2009 09:00 by JH

Account Number: 12099

Submitted: 04/02/2009 09:05
Reported: 04/14/2009 at 23:04
Discard: 05/15/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

TELM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
06054	Benzene	71-43-2	N.D.	0.5	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	N.D.	0.5	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	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	D090983AA	04/09/2009 06:55	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D090983AA	04/09/2009 06:55	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09092E20A	04/07/2009 00:08	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09092E20A	04/07/2009 00:08	Elizabeth J Marin	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5637468

Group No. 1138734
CA

MW-2-W-090330 Grab Water
Facility# 93864 Job# 386358 MTI# 61H-1951 GRD
5101 Telegraph Ave-Oakland T0600100343 MW-2

Collected: 03/30/2009 10:05 by JH

Account Number: 12099

Submitted: 04/02/2009 09:05
Reported: 04/14/2009 at 23:04
Discard: 05/15/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

TELM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
06054	Benzene	71-43-2	N.D.	0.5	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	N.D.	0.5	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	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	D090983AA	04/09/2009 07:19	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D090983AA	04/09/2009 07:19	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09092E20A	04/07/2009 00:30	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09092E20A	04/07/2009 00:30	Elizabeth J Marin	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5637469

Group No. 1138734
CA

MW-3-W-090330 Grab Water
Facility# 93864 Job# 386358 MTI# 61H-1951 GRD
5101 Telegraph Ave-Oakland T0600100343 MW-3

Collected: 03/30/2009 11:05 by JH

Account Number: 12099

Submitted: 04/02/2009 09:05
Reported: 04/14/2009 at 23:04
Discard: 05/15/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

TELM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		ug/l	ug/l	
06054	Benzene	71-43-2	2	0.5	1
06054	Ethylbenzene	100-41-4	1	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	0.7	0.5	1
06054	Xylene (Total)	1330-20-7	3	0.5	1
SW-846 8015B	**GC Volatiles**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	4,800	50	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	P091001AA	04/10/2009 19:16	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P091001AA	04/10/2009 19:16	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09092E20A	04/07/2009 00:51	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09092E20A	04/07/2009 00:51	Elizabeth J Marin	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5637470

Group No. 1138734
CA

MW-5-W-090330 Grab Water
Facility# 93864 Job# 386358 MTI# 61H-1951 GRD
5101 Telegraph Ave-Oakland T0600100343 MW-5

Collected: 03/30/2009 12:10 by JH

Account Number: 12099

Submitted: 04/02/2009 09:05
Reported: 04/14/2009 at 23:04
Discard: 05/15/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

TELM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		ug/l	ug/l	
06054	Benzene	71-43-2	N.D.	0.5	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	N.D.	0.5	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1
SW-846 8015B	**GC Volatiles**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	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	P091001AA	04/10/2009 20:37	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P091001AA	04/10/2009 20:37	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09092E20A	04/07/2009 01:13	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09092E20A	04/07/2009 01:13	Elizabeth J Marin	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 04/14/09 at 11:04 PM

Group Number: 1138734

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	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D090983AA	Sample number(s): 5637466-5637468							
Benzene	N.D.	0.5	ug/l	97		80-116		
Ethylbenzene	N.D.	0.5	ug/l	99		80-113		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	81		78-117		
Toluene	N.D.	0.5	ug/l	99		80-115		
Xylene (Total)	N.D.	0.5	ug/l	100		81-114		
Batch number: D091033AA	Sample number(s): 5637465							
Benzene	N.D.	0.5	ug/l	97		80-116		
Ethylbenzene	N.D.	0.5	ug/l	96		80-113		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		78-117		
Toluene	N.D.	0.5	ug/l	97		80-115		
Xylene (Total)	N.D.	0.5	ug/l	99		81-114		
Batch number: P091001AA	Sample number(s): 5637469-5637470							
Benzene	N.D.	0.5	ug/l	91		80-116		
Ethylbenzene	N.D.	0.5	ug/l	83		80-113		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		78-117		
Toluene	N.D.	0.5	ug/l	85		80-115		
Xylene (Total)	N.D.	0.5	ug/l	85		81-114		
Batch number: 09092E20A	Sample number(s): 5637465-5637470							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	78	75-135	33*	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: D090983AA	Sample number(s): 5637466-5637468 UNSPK: P637437								
Benzene	101	101	80-126	1	30				
Ethylbenzene	101	102	77-125	1	30				
Methyl Tertiary Butyl Ether	103	85	72-126	5	30				
Toluene	100	102	80-125	2	30				
Xylene (Total)	102	102	79-125	0	30				
Batch number: D091033AA	Sample number(s): 5637465 UNSPK: P638212								
Benzene	105	107	80-126	1	30				
Ethylbenzene	104	105	77-125	1	30				
Methyl Tertiary Butyl Ether	110	115	72-126	5	30				
Toluene	104	105	80-125	1	30				

*- Outside of specification
(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 c/o CRA
Reported: 04/14/09 at 11:04 PM

Group Number: 1138734

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
Xylene (Total)	106	107	79-125	1	30				
Batch number: P091001AA	Sample number(s): 5637469-5637470 UNSPK: 5637469								
Benzene	102	106	80-126	4	30				
Ethylbenzene	97	96	77-125	1	30				
Methyl Tertiary Butyl Ether	115	117	72-126	2	30				
Toluene	95	96	80-125	1	30				
Xylene (Total)	98	98	79-125	0	30				
Batch number: 09092E20A	Sample number(s): 5637465-5637470 UNSPK: P637449								
TPH-GRO N. CA water C6-C12	136		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: 09092E20A

	Trifluorotoluene-F
5637465	99
5637466	187*
5637467	99
5637468	100
5637469	213*
5637470	99
Blank	100
LCS	127
LCSD	118
MS	126
Limits:	63-135

Analysis Name: BTEX+MTBE by 8260B
Batch number: D090983AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5637466	81	92	93	103
5637467	85	96	95	98
5637468	84	96	95	96
Blank	86	96	95	99
LCS	88	99	98	105
MS	85	96	94	102
MSD	85	96	95	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: D091033AA

*- Outside of specification
(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 c/o CRA
Reported: 04/14/09 at 11:04 PM

Group Number: 1138734

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5637465	86	96	92	93
Blank	86	97	95	98
LCS	85	95	93	101
MS	87	97	94	103
MSD	90	98	96	106
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: P091001AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5637469	101	94	86	92
5637470	101	95	90	87
Blank	99	93	90	85
LCS	101	97	89	87
MS	100	98	87	94
MSD	100	96	87	94
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(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.

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.