

5900 Hollis Street, Suite A Emeryville, California 94608

Telephone: (510) 420-0700 Fax: (510) 420-9170

http://www.craworld.com

October 24, 2009

Reference No. 312002

RECEIVED

8:46 am, Mar 23, 2010

Alameda County Environmental Health

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

Re: Second Quarter 2009 Groundwater Monitoring Report

Chevron Service Station 20-6145

800 Center Street Oakland, California

Fuel Leak Case No. RO0000454

Dear Mr. Detterman:

Conestoga-Rovers & Associates is submitting the attached *Groundwater Monitoring and Sampling Report* for the site referenced above on behalf of Chevron Environmental Management Company (Chevron). The report prepared by Gettler-Ryan Inc. (G-R) and dated June 4, 2009 presents the results of the Second Quarter 2009 sampling and monitoring event. Also attached are Figure 1 (Vicinity Map) and Figure 2 (Concentration Map) presenting the second quarter 2009 analytical results and groundwater flow direction data. A perjury letter from Chevron and Professional Geologist stamp are included within the G-R report.

Equal Employment Opportunity Employer



October 19, 2009 Reference No. 312002

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

-2-

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Nand

Charlotte Evans

CE/doh/6

Enc.

Figure 1 Vicinity Map

Figure 2 Concentration Map

Attachment A June 4, 2009, G-R Groundwater Monitoring and Sampling Report

cc: Mr. Ian Robb, Chevron Environmental Management Company

Mr. Rene Boisvert Mr. Hollis Rodgers

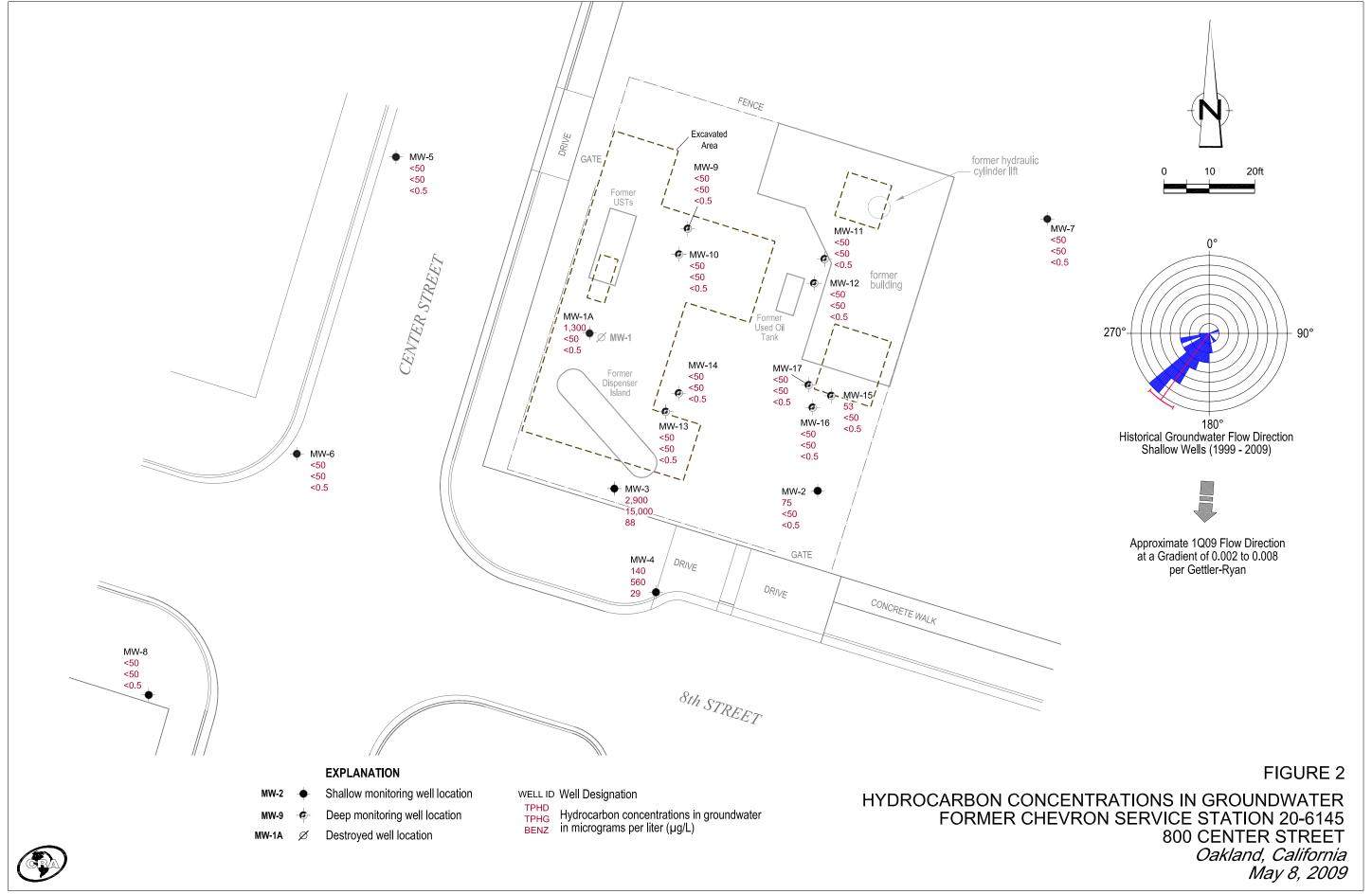
FIGURES

Chevron Station No. 206145

800 Center Street Oakland, California



Vicinity Map



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JUNE 11, 2009 G-R GROUNDWATER MONITORING AND SAMPLING REPORT



TRANSMITTAL

June 11, 2009 G-R #386492

TO: Ms. Charlotte Evans

Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608

(VIA PDF)

FROM: Deanna L. Harding

Project Coordinator Gettler-Ryan Inc.

6747 Sierra Court, Suite J Dublin, California 94568 RE: Former Chevron (Signal Oil)

Service Station #206145 (S-800)

800 Center Street Oakland, California

RO 0000454

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	June 4, 2009	Groundwater Monitoring and Sampling Report Second Quarter Event of May 8, 2009

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced items for <u>your</u> <u>use and distribution (including PDF submittal of the entire report to GeoTracker)</u>:

Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health,
 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 (Distributed by CRA via PDF)
 Mr. Ian Robb, Chevron Environmental Management Company, 6111 Bollinger Canyon Road, Room 3612,

San Ramon, CA 94583 (Distributed by CRA via PDF)

Mr. Rene Boisvert, Boulevard Equity Group, (Owner), 484 Lake Park Ave., #246, Oakland, CA 94610

Mr. Hollis Rodgers, 215 West MacArthur Boulevard, Apt# 434, Oakland, CA 94611

Enclosures

trans/206145-IR



Tan Robb Project Manager Marketing Business Unit Chevron Environmental Management Company 6001 Bollinger Canyon Road San Ramon, CA 94583 Tel (925) 842-9496 Fax (925) 842-8370 tanrobb@chevron.com

June 11, 2009

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

RE: Chevron Service Station # 206145

Address 800 Center Street, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated June 11, 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,

Ian Robb

Attachment: Report

CLA

WELL CONDITION STATUS SHEET

Client/Facility #:	Chevron #206145	Job#	386492
Site Address:	800 Center Street	Event Date:	5/8/09
City:	Oakland, CA	Sampler:	3 17

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
MW-2	ot -		 >	23	ok -				>	morrison/84/2	
MWY	ct-								>	11	
MW-5	ok		>	25	ot-				>	11	
NW-6	ok			23	ok-					21	
MW-8	ok		>	25	ok-				>	11	
NW-15	ok -								>	Emco/12"/2	
NW-16	ot-								>	l (
NW-17	ok-								\rightarrow	1/	
											· · · · · · · · · · · · · · · · · · ·
										-	
				27							

Comments	

WELL CONDITION STATUS SHEET

O!! 4/5" !!!!			WELL OO!	- COMBINION OTATOO OTILLI								
Client/Facility #:	Chevron #20614	5		Job#	386492							
Site Address:	800 Center Stree	t		Event Date:	Event Date: 5/8/69							
City:	Oakland, CA			Sampler:	- 3)V							
			APRON			<u></u>						

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)	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
mw-9	OIC -						->	x	N	12 enco	N
MW-16	OK-							V	N	11	
mwill	oli_							2	4	1 - 1 - 1 1 (
mw-12	ol(_	Z,						N	~	. 11	
mwig	dı_						\		ſ	1(
meriy	01/-						<u> </u>			11	
mw-7	olc_									10" em 10	
mw-3	. وال	-	2×12	IXB	Ok		\rightarrow			8" BL	
mw.ZA	ەرر	~	2×m	325	ØL		\rightarrow	K	V	7" MORRIS	1
8							Hi .				
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5			90								
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Comments				



June 4, 2009 G-R Job #386492

Mr. Ian Robb Chevron Environmental Management Company 6111 Bollinger Canyon Road, Room 3612 San Ramon, CA 94583

RE: Second Quarter Event of May 8, 2009

Groundwater Monitoring & Sampling Report Former Chevron (Signal Oil) Service Station #206145 (S-800) 800 Center Street

Oakland, California

Dear Mr. Robb:

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. Potentiometric Maps are included as Figures 1, 2 and 3.

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

Figure 1: Potentiometric Map – (Shallow Zone)
Figure 2: Potentiometric Map – (Intermediate Zone)

Figure 3: Potentiometric Map – (Deeper Zone)

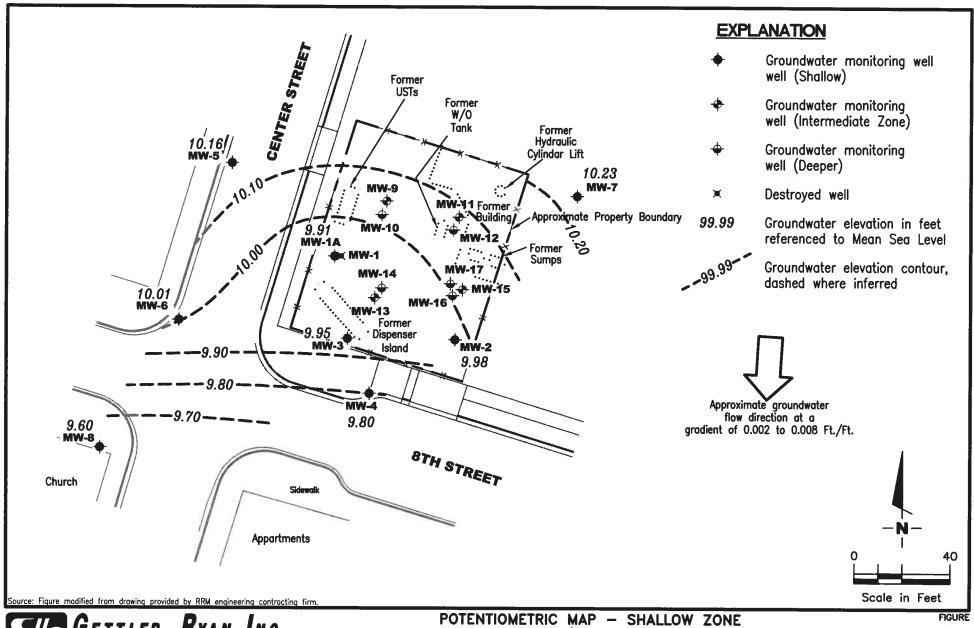
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Field Measurements and Analytical Results

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





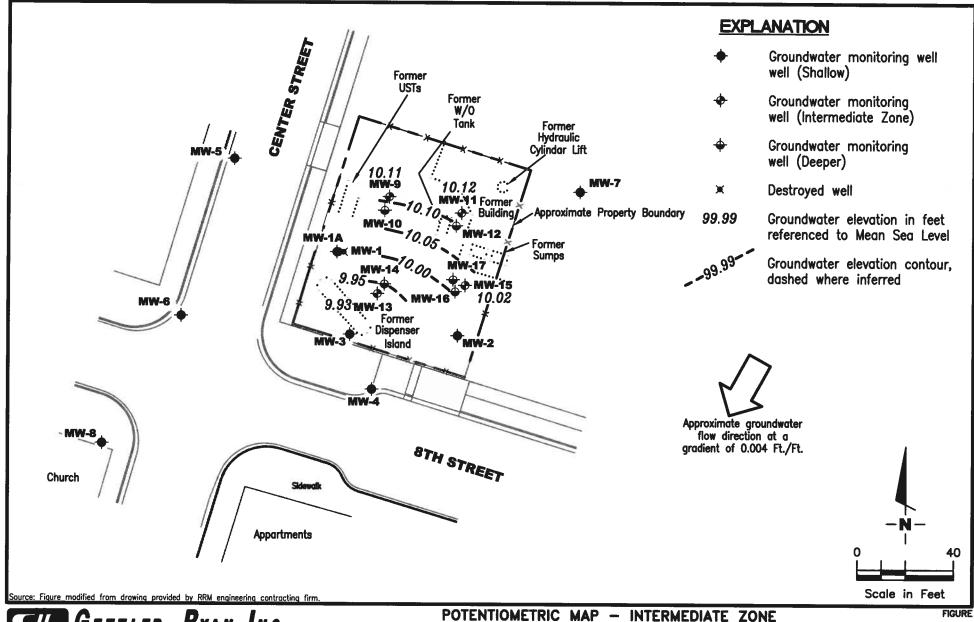
Former Chevron (Signal Oil) Service Station #206145(S-800) 800 Center Street

Oakland, California

DATE May 8, 2009

PROJECT NUMBER REVIEWED BY 386492

FILE NAME: P:\Enviro\Chevron\206145\Q09-20-6145.DWG | Layout Tab: Pot2-SZ





800 Center Street Oakland, California

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

REVISED DATE

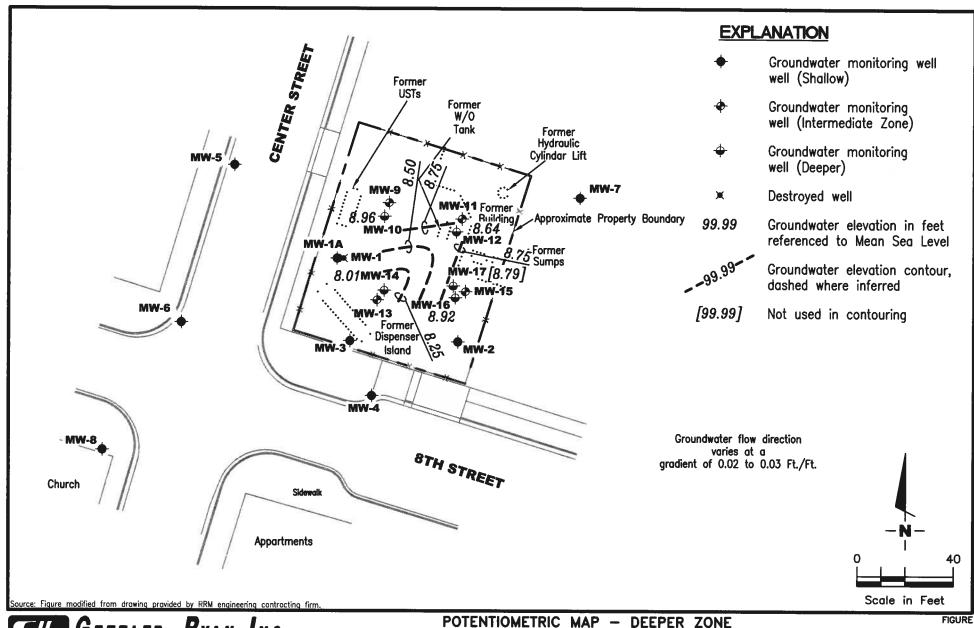
PROJECT NUMBER
386492

REVIEWED BY

May 8, 2009

FILE NAME: P:\Enviro\Chevron\206145\Q09-20-6145.DWG | Loyout Tab: Pot2-IZ

IGURE 2





PROJECT NUMBER

(925) 551-7555 **REVIEWED BY**

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

DATE

REVISED DATE

386492
FILE NAME: P:\Enviro\Chevron\206145\Q09-20-6145.DWG | Loyout Tab: Pot2-DZ

May 8, 2009

FIGURE

Table 1
Groundwater Monitoring Data and Analytical Results

800 Center Street

					Oakland, (
WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	E	X	MTBE	CUB
DATE	(ft.)	(msl)	(ft.)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(cfu/ml)
MW-1A											
02/24-25/031	15.49	8.17	7.32	4,600	5,100	92	340	66	480	<10	
06/02/03	15.49	7.15	8.34	5,500	3,800	150	490	72	450	<13	
09/02/03	15.49	6.10	9.39	10,000	6,200	100	580	110	760	47	
11/21/03	15.49	5.29	10.20	3,800	3,200	29	150	49	240	<10	
02/27/04	15.49	9.87	5.62	2,800	280	9.7	19	3.0	30	<2.5	
05/28/04	15.49	6.88	8.61	5,500	1,100	35	81	27	140	17	
08/31/04	15.49	5.58	9.91	4,500	1,100	13	68	27	110	<2.5	
12/17/04	15.49	7.09	8.40	2,300°	560	8.0	17	9.6	36	<2.5	
03/28/05	15.49	10.36	5.13	340°	87	16	4.2	3.3	11	<2.5	
06/09/05	15.49	9.69	5.80	6,400°	260	26	3.7	7.7	13	5.3	
08/19/05	15.49	6.70	8.79	1,100°,p,q	440	38	7.8	9.4	17	<2.5	
11/18/05	15.49	6.25	9.24	1,300°,q	450	11	12	17	22	<2.5	
03/07/06	15.49	10.51	4.98	2,300°	150	33	1.6	3.4	2.7	<2.5	
05/17/06	15.49	9.02	6.47	2,600°	110	18	<0.5	0.7	<1.5	<2.5	
08/30/06	15.49	5.68	9.81	3,600°	420	24	0.7	8.1	9.2	<10	
11/28/06	15.49	5.79	9.70	2,900°	220	8.6	2.7	6.1	9.3	<2.5	
02/06/07	18.11	8.83	9.28	1,500°	230	19	<0.5	1.8	2.7	<2.5	
05/02/07	18.11	9.83	8.28	1,300°	190	16	<0.5	1.0	1.8	<2.5	
08/17/07	18.11	8.61	9.50	1,100°	160	2.5	0.8	2.0	2.7	<2.5	
11/16/07 ^v	18.11	8.27	9.84	3,600°	30,000	610	1,100	4,100	2,800	310	
02/05/08	18.11	11.63	6.48	2,100°	63	4.8	<0.5	<0.5	<1.5	<2.5	
05/20/08	18.11	9.18	8.93	940°	50	1.5	<0.5	<0.5	<1.5	<2.5	
08/06/08	18.11	8.25	9.86	1,900°	98	0.7	<0.5	<0.5	<1.5	<2.5	
12/05/08	18.11	7.68	10.43	940°	96	0.6	<0.5	0.5	<1.5	<2.5	
02/09/09	18.11	8.10	10.01	630°	130	2.7	<0.5	2.1	<1.5	<2.5	
05/08/09	18.11	9.91	8.20	1,300°	<50	<0.5	<0.5	<0.5	<1.5	<2.5 <2.5	
			3.23	1,500	150	10.5	V. .5	~0. 5	1.5	~2.3	-
MW-2											
10/27/95	15.77	10.60	5.17	3 *** 3	<50	< 0.5	< 0.5	< 0.5	< 0.5		
02/20/97	15.72	8.51	7.21	7.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	250
04/24/97	15.72	7.82	7.90		83 ^d	<0.5	<0.5	<0.5	<0.5	<2.5	
07/23/97	15.72	5.92	9.80		<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/29/97	15.72	5.13	10.59		<50	<0.5	<0.5	<0.5	<0.5	<2.5	<u></u>
01/28/98	15.72	9.21	6.51		<50	<0.5	<0.5	<0.5	<0.5	<2.5	===
05/11/98	15.72	8.82	6.90	SAMPLED AN							162207
07/16/98	15.72	7.37	8.35							••	
											

Table 1
Groundwater Monitoring Data and Analytical Results

800 Center Street

WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	E		MTBE	
DATE	(fi.)	(msl)	(ft)	HH-DRO (μg/L)	(µg/L)	(µg/L)	.*.*.*.*.*.	μg/L)	X	``#``#``#``#``#``#``#``#``#``#``#``#``#	CUB (cfu/ml)
MW-2 (cont)	<i>J4/</i>	(trust)	and the factor	(PG/L)	(#8/ t-)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(CIN/IDI)
08/04/98 ^a	15.72	7.03	8.69								
09/03/98 ^a	15.72	6.44	9.28								1.9×10^{1}
10/21/98 ^b	15.72	5.51	10.21								3.0×10^2
11/04/98	15.72	5.60	10.21								8.8×10^{2}
01/26/99	15.72	6.87	8.85								
05/06/99	15.72	8.20			<50	< 0.5	< 0.5	< 0.5	<0.5	<2.0	
08/21/99	15.72	13.21	7.52 2.51								
10/28/99	15.72										
01/31/00		6.35	9.37								
	15.72	7.25	8.47		<50	<0.5	0.541	<0.5	< 0.5	<2.5	
05/19/00	15.72	7.65	8.07								
08/07/00	15.72	6.35	9.37		<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5/<2.0 ^f	
12/01/00	15.72	5.60	10.12		<50.0	< 0.500	< 0.500	< 0.500	< 0.500	<2.50	
02/09/01	15.72	6.05	9.67		<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5	
05/29/01	15.72	6.73	8.99		< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5	
08/27/01 ^h	15.72	5.68	10.04		< 50	< 0.50	< 0.50	< 0.50	< 0.50	/<5.0 ^f	
11/28/01	15.72	5.86	9.86	NOT SAMPLE							
02/14/02	15.69	7.86	7.83		<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
05/15/02	15.69	7.09	8.60		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
08/05/02	15.69	6.02	9.67		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
11/30/02	15.69	DRY									
$02/24-25/03^{1}$	15.69	8.04	7.65	140	<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
06/02/03	15.69	7.33	8.36	150 ^m	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
09/02/03	15.69	5.97	9.72	150 ^m	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/21/03	ⁿ	n	10.39	180	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/27/04	ⁿ	ⁿ	6.90	310	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/28/04	n	ⁿ	9.13	160	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/31/04	ⁿ	n	10.30	180 ^m	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
12/17/04	n	n	8.91	77°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
03/28/05	n	n	6.51	<50°	<50	< 0.5	0.5	< 0.5	<1.5	<2.5	
06/09/05	n	n	7.09	53°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/19/05	n	n	9.27	<50°,p	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/18/05	n	n	9.66	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
03/07/06	n	n	6.75	<50°	<50	<0.5	<0.5	< 0.5	<1.5	<2.5	
05/17/06	n	n	7.09	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
08/30/06	n	n	9.03	640°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
11/28/06	_n	n	10.02	560°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
				200			0.5	-0.5	-1.0	~2.5	==

Table 1
Groundwater Monitoring Data and Analytical Results

800 Center Street

Oakland, California

				, , , , , , , , , , , , , , , , , , , ,	Oakland,			F X	200-27-53	1000	
WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	E	X	MTBE	CUB
DATE	(ft.)	(mst)	(ft)	(μg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(μg/L)	(µg/L)	(cfu/ml)
MW-2 (cont)											
02/06/07	18.40	8.72	9.68	200°	<50	< 0.5	< 0.5	<0.5	<1.5	<2.5	-
05/02/07	18.40	9.71	8.69	480°	<50	< 0.5	<0.5	<0.5	<1.5	<2.5	
08/17/07	18.40	8.52	9.88	1,000°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	(==)
11/16/07	18.40	8.30	10.10	1,900°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/05/08	18.40	10.97	7.43	1,100°	<50	< 0.5	< 0.5	<0.5	<1.5	<2.5	5 22 0
05/20/08	18.40	9.09	9.31	650°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/06/08	18.40	8.25	10.15	200°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
12/05/08	18.40	7.12	11.28	680°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/09/09	18.40	8.08	10.32	420°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/08/09	18.40	9.98	8.42	75°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	-
MW-3											
10/27/95	15.46	10.37	5.09		33,000	11,000	1,700	2,300	4,200		
02/20/97	15.42	8.37	7.05		260	56	<1.0	7.6	5.9	< 5.0	
04/24/97	15.42	7.29	8.13		1,400	310	28	76	75	74	
07/23/97	15.42	5.84	9.58		37,000	10,000	1,500	2,700	4,200	2,500	
10/29/97	15.42	5.09	10.33		53,000	12,000	1,200	3,000	3,100	2,500	
01/28/98	15.42	8.94	6.48	22	210	43	1.5	1.7	3.9	10	
05/11/98	15.42	8.49	6.93	42 (12) 1 12 (12) 1	59	11	< 0.5	2.1	< 0.5	<2.5	
07/16/98	15.42	7.14	8.28		260	90	4.8	18	5.7	<10	
08/04/98 ^a	15.42	6.88	8.54								8.5×10^{2}
09/03/98 ^a	15.42	6.34	9.08								2.4×10^3
10/21/98 ^b	15.42	5.62	9.80								6.0×10^{1}
11/04/98	15.42	5.60	9.82		73,000	17,000	3,800	4,900	8,100	<250	
01/26/99	15.42	6.70	8.72		32,400	10,200	1,850	2,650	3,140	715/<500°	
05/06/99	15.42	7.97	7.45		3,160	668	89.6	180	123	<200/<10°	
08/21/99	15.42	7.95	7.47		53,800	9,700	2,040	2,880	5,000	<1,250/<40°	
10/28/99	15.42	5.37	10.05	735-5	71,300	14,000	3,420	4,320	8,360	<1,000	
01/31/00	15.42	7.16	8.26	30 000 3	1,650	496	49.1	134	82.6	<12.5	
05/19/00	15.42	7.60	7.82) (1444)?	110 ^e	36	2.5	9.1	4.0	6.3	
08/07/00	15.42	6.29	9.13		36,000 ^e	9,000	3,000	2,700	2,800	2,500/<10 ^f	13
12/01/00	15.42	2.45	12.97	NOT SAMPLEI	D DUE TO INSU	FFICIENT WA	TER			-	
02/09/01	15.42	5.98	9.44		32,000 ^e	11,000	3,900	3,200	4,800	3,200/<2.0 ^f	
05/29/01	15.42	6.65	8.77	() ** ()	13,000	4,200	2,000	1,800	1,500	74/<2.0 ^f	
08/27/01 ^h	15.42	5.70	9.72	-	40,000	7,600	2,800	2,500	2,700	/<25 ^f	
11/28/01	15.42	5.77	9.65		57,000	10,000	2,900	2,900	2,800	<250/<5.0 ^f	

3

As of 05/08/09

206145 (S-800).xls/#386492

Table 1 Groundwater Monitoring Data and Analytical Results

800 Center Street

Oakland, California

WELL ID/	TOC*	GWE	DTW	TPH-DRO	Oakland,						
DATE	(fi.)	(msl)	(ft)	TPH-DKU (μg/L)	TPH-GRO	B	T	E	X	MTBE	CUB
	(/+)	(mar)	······································	(µg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(cfu/ml)
MW-3 (cont)											
02/14/02	15.40	7.73	7.67		51	2.9	< 0.50	1.9	1.8	<2.5/<2 ^f	
05/15/02	15.40	7.05	8.35		4,100	910	250	210	240	<20/<2 ^f	
08/05/02	15.40	5.96	9.44		58,000	11,000	4,300	3,400	4,000	<250/<10 ^f	
11/30/02	15.40	5.14	10.26		46,000	13,000	2,900	3,700	2,600	<100/<10 ^f	
02/24-25/03 ¹	15.40	7.89	7.51	4,500	52,000	9,600	4,800	2,900	4,100	<130	
06/02/03	15.40	7.24	8.16	6,500	67,000	11,000	9,600	3,400	5,700	<250	
09/02/03	15.40	5.89	9.51	10,000	73,000	8,900	10,000	3,600	7,000	300	
11/21/03	15.40	5.17	10.23	8,000	29,000	3,300	3,200	1,200	1,500	<200	
02/27/04	15.40	8.84	6.56	200	59	8.2	6.3	1.7	6.8	<2.5	
05/28/04	15.40	6.57	8.83	5,400	18,000	2,600	970	1,600	950	<100	ss
08/31/04	15.40	5.41	9.99	9,100	58,000	3,200	9,600	2,800	7,500	<50	
12/17/04	15.40	6.81	8.59	2,200°	23,000	1,100	2,100	1,200	2,600	<25	
03/28/05	15.40	9.29	6.11	3,200°	43,000	1,500	10,000	2,600	7,300	<130	
06/09/05	15.40	8.65	6.75	7,800°	38,000	980	7,000	2,100	4,800	190	
08/19/05	15.40	6.43	8.97	5,000°,p,r	75,000	1,500	14,000	3,400	9,600	<130	
11/18/05	15.40	5.95	9.45	3,900°,r	72,000	1,400	14,000	3,600	9,700	380	
03/07/06	15.40	9.05	6.35	1,100°	15,000	280	2,300	820	2,000	<100	
05/17/06	15.40	8.57	6.83	4,400°	57,000	650	8,100	2,900	8,100	410	
08/30/06	15.40	5.44	9.96	4,300°	54,000	540	7,600	4,100	10,000	550	
11/28/06	15.40	5.62	9.78	4,400°	43,000	260	3,400	3,800	5,800	<1,000	
02/06/07	18.07	8.70	9.37	5,000°	43,000	290	6,200	3,400	6,400	<500	
05/02/07	18.07	9.67	8.40	4,500°	43,000	290	4,100	3,800	6,500		
08/17/07	18.07	8.50	9.57	4,900°	46,000	240	1,900			<500	
11/16/07°	18.07	8.29	9.78	4,900 860°	450	34	23	3,800 53	5,600	310	
02/05/08	18.07	10.97	7.10	2,400°	18,000	210	950		25	4.1	
05/20/08	18.07	8.99	9.08	2,400 6,900°	45,000	190		1,800	1,700	<500	
08/06/08	18.07	8.26	9.81				4,900	2,800	6,200	<500 ^w	
12/05/08	18.07	7.56	10.51	5,000°	40,000	220	1,500	3,200	6,500	<500 ^w	
02/09/09	18.07	8.02		4,000°	15,000	26	590	1,800	1,800	230	
05/08/09	18.07		10.05	2,800°	20,000	170	710	1,800	2,500	<400 ^w	
U3/U0/U7	10.07	9.95	8.12	2,900°	15,000	88	900	2,100	1,400	<250 ^w	-
MW-4											
10/27/95	14.45	9.37	5.08		66	6.8	< 0.5	<0.5	<0.5		
02/20/97	14.40	8.12	6.28	**************************************	54	< 0.5	<0.5	<0.5	7.4		
04/24/97	14.40	7.29	7.11		54	1.4	<0.5			39	
07/23/97	14.40	5.80	8.60		< 5 0	<0.5		0.65	3.0	100	••
		5.00	0.00			~0.3	< 0.5	< 0.5	< 0.5	<2.5	
206145 (S-800).XIS/#386492				4					A	s of 05/08/09

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

800 Center Street Oakland, California

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WELL ID/	. [• [•] •] • [• [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [•] • [GWE	DTW	TPH-DRO	TPH-GRO		T	Œ	X	MTBE	CUB		
DATE	(ft.)	(msl)	(fl.)	(µg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(µg/L)	(µg/L)	(cfu/ml)		
MW-4 (cont)													
10/29/97	14.40	5.74	8.66										
11/13/97	14.40	4.97	9.43		<50	<0.5	0.79	<0.5	<0.5	<2.5			
01/28/98	14.40	8.88	5.52		<50	<0.5	<0.5	<0.5	<0.5	<2.5			
05/11/98	14.40	8.40	6.00		MI-ANNUALLY	٧٥.5				-2.5			
07/16/98	14.40	7.08	7.32		<50	< 0.5	<0.5	<0.5	<0.5	<5.0			
08/04/98 ^a	14.40	6.28	8.12				~0.5 						
09/03/98 ^a	14.40	6.32	8.08								1.8×10^4		
10/21/98 ^b	14.40	5.64	8.76								1.4×10^4		
11/04/98	14.40	5.61	8.79								8.6×10^4		
01/26/99	14.40	6.71	7.69										
05/06/99	14.40				<50	< 0.5	<0.5	<0.5	< 0.5	<2.0			
08/21/99		8.15	6.25										
	14.40	8.13	6.27		<50	<0.5	<0.5	<0.5	< 0.5	<5.0			
10/28/99	14.40	4.14	10.26										
01/31/00	14.40	7.07	7.33		<50	< 0.5	<0.5	< 0.5	< 0.5	<2.5			
05/19/00	14.40	7.52	6.88										
08/07/00	14.40	6.23	8.17		<50	4.3	0.60	< 0.50	< 0.50	<2.5/<2.0 ^f			
12/01/00	14.40	INACCESSIBLE								••			
02/09/01	14.40	INACCESSIBLE											
05/29/01	14.40	6.58	7.82	NOT SAMPLEI	D DUE TO INSUE	FICIENT WA	TER						
08/27/01	14.40	6.52	7.88	NOT SAMPLEI	D DUE TO INSUE	FICIENT WA	TER						
11/28/01	14.40	DRY											
02/14/02	14.37	7.66	6.71		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5/<2 ^f			
05/15/02	14.37	6.96	7.41		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5/<2 ^f			
08/05/02	14.37	DRY											
11/30/02	14.37	DRY											
$02/24-25/03^{1}$	14.37	7.77	6.60	200	<50	8.0	< 0.50	< 0.50	<1.5	<2.5			
06/02/03	14.37	7.11	7.26	300	<50	4.3	< 0.5	< 0.5	<1.5	<2.5			
09/02/03	14.37	5.80	8.57	410	51	4.3	< 0.5	< 0.5	<1.5	<2.5			
11/21/03	n	n	10.24	560	110	25	0.6	1.5	<1.5	<2.5			
02/27/04	n	n	5.71	340	<50	<0.5	<0.5	<0.5	<1.5	<2.5			
05/28/04	n	n	7.88	430	<50	<0.5	<0.5	<0.5	<1.5	<2.5			
08/31/04	n	n	9.03	460	<50	<0.5	<0.5	<0.5	<1.5	<2.5			
12/17/04	n	n	7.67	390°	< 50	<0.5	<0.5	<0.5	<1.5	<2.5 <2.5			
03/28/05	n	n	5.32	<50°	<50	<0.5	<0.5	<0.5	<1.5 <1.5				
06/09/05	n	n	6.70	<50 120°	90	<0.5	<0.5			<2.5	••		
08/19/05	n	n	8.03	120° 190°,p,q				<0.5	<1.5	<2.5			
00/17/03			6.03	190****	200	< 0.5	<0.5	<0.5	<1.5	<2.5			

Table 1
Groundwater Monitoring Data and Analytical Results

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

Oakland, California

WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T			MTBE	CUB
DATE	(fi)	(msl)	(fl)	(μg/L)	(µg/L)	(μg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(cfu/ml)
MW-4 (cont)					N.S.		11-87	1 - 6 - 7 - · · ·	(6, 7)		
11/18/05	n	n	9.43	310°,t	230	2.7	<0.5	0.8	<1.5	-2.5	
03/07/06	n	n	5.55	230°	<50	<0.5	<0.5	< 0.5	<1.5	<2.5 <2.5	
05/17/06	n	n	5.89	150°	<50	<0.5	<0.5	<0.5	<1.5 <1.5	<2.5 <2.5	
08/30/06	n	n	7.71	380°	1,300	47	<2.5	<0.5 <2.5	<7.5		
11/28/06	_n	n	8.75	1,800°	1,200	36	1.1	3.4	< 5.0	<50 <20	
02/06/07	16.98	8.58	8.40	1,600°							
05/02/07	16.98	9.53	7.45	1,600 170°	13,000 ^u 1,400	3,700 ^u 170	60 ^u	880 ^u	170 ^u	210 ^u	
08/17/07	16.98	8.35	8.63				0.6	0.9	1.6	<50	
11/16/07	16.98	8.20		1,600°	4,700	870	3.8	49	<10	30	
02/05/08	16.98		8.78	2,000°	3,700	780	5.6	100	7.8	25	
05/20/08		10.75	6.23	250°	1,100	270	2.2	63	7.6	<50	
	16.98	8.91	8.07	1,100°	3,300	720	4.1	13	15	<50 ^w	
08/06/08	16.98	8.09	8.89	2,200°	11,000	2,700	33	460	87	<100 ^w	
12/05/08	16.98	7.46	9.52	540°	2,500	380	1.4	22	<5.0 ^x	11	
02/09/09	16.98	7.97	9.01	610°	890	6.4	0.5	2.9	<1.5	<5.0 ^w	
05/08/09	16.98	9.80	7.18	140°	560	29	<0.5	1.2	<1.5	<5.0 ^w	
MW-5											
01/03/97					<50	< 0.5	< 0.5	< 0.5	< 0.5		
02/20/97	15.03	INACCESSIBLE		25.0						-	
04/24/97	15.03	INACCESSIBLE									
04/30/97	15.03	7.06	7.97		<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	1000
07/23/97	15.03	INACCESSIBLE									55
10/29/97	15.03	INACCESSIBLE									
01/28/98	15.03	8.83	6.20		<50	<0.5	< 0.5	<0.5	<0.5	<2.5	
05/11/98	15.03	INACCESSIBLE	0.20	700						~2.3 	5000
07/16/98	15.03	7.28	7.75	1221	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.7
08/04/98	15.03	INACCESSIBLE	7.75				~0.5				
11/04/98	15.03	INACCESSIBLE		122							
01/26/99	15.03	INACCESSIBLE						(100)		(-	
05/06/99	15.03	INACCESSIBLE				0 40 0					
08/21/99	15.03	6.74	8.29			-0.5				 	
10/28/99	15.03	4.60	10.43		<50	< 0.5	<0.5	<0.5	<0.5	<5.0	
01/31/00	15.03	7.39	7.64		 -50						
05/19/00	15.03	7.85		8. 7.5 .5	<50	<0.5	< 0.5	< 0.5	<0.5	<2.5	
08/07/00	15.03	INACCESSIBLE	7.18	•							
12/01/00	15.03	5.68	0.25	((
	15.03	3.08	9.35		<50.0	< 0.500	< 0.500	< 0.500	< 0.500	<2.50/<2.0 ^f	

As of 05/08/09

206145 (S-800).xls/#386492

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

800 Center Street

WELL ID/	TOC*		To the transfer of the production of the transfer of the trans	September for 1 along the 1 along	Oakland, (Mitana a con a constant
		GWE	DTW	TPH-DRO	TPH-GRO	В	T	E	X	MTBE	CUB
DATE	(ft.)	(msl)	(ft.)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(cfu/ml)
MW-5 (cont)											
02/09/01	15.03	6.22	8.81		< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5/<2.0 ^f	
05/29/01	15.03	INACCESSIBI	LE - CAR PAR	KED OVER WEL	L						
08/27/01	15.03	INACCESSIB	LE - CAR PAR	KED OVER WEL	L						
11/28/01	15.03	INACCESSIB	LE - CAR PARI	KED OVER WELI	L						
02/14/02	15.01	7.96	7.05		<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5/<2 ^f	
05/15/02	15.01	7.23	7.78		<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5/<2 ^f	
08/05/02	15.01	6.13	8.88		<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5/<2 ^f	
11/30/02	15.01	5.27	9.74		<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5/<2 ^f	
02/24-25/031	15.01	7.99	7.02	<50	< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
06/02/03	15.01	7.14	7.87	<50	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
09/02/03	15.01	6.02	8.99	< 50	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/21/03	15.01	5.26	9.75	68	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/27/04	15.01	8.42	6.59	140	< 50	< 0.5	<0.5	< 0.5	<1.5	<2.5	
05/28/04	15.01	6.71	8.30	76	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/31/04	15.01	INACCESSIBI	LE - CAR PARI	KED OVER WELI	L						
12/17/04	15.01	6.98	8.03	52°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
03/28/05	15.01	8.66	6.35	51°	<50	< 0.5	0.7	< 0.5	<1.5	<2.5	
06/09/05	15.01	9.16	5.85	72°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/19/05	15.01	6.52	8.49	<50° p	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/18/05	15.01	6.12	8.89	<50°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	2
03/07/06	15.01	8.98	6.03	<50°	< 50	< 0.5	< 0.5	1.4	<1.5	<2.5	
05/17/06	15.01	8.83	6.18	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/30/06	15.01	6.86	8.15	<50°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/28/06	15.01	6.46	8.55	200°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/06/07	17.68	8.83	8.85	55°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/02/07	17.68	9.91	7.77	<50°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/17/07	17.68	8.63	9.05	66°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/16/07	17.68	INACCESSIBI	LE - CAR PARI	KED OVER WELI							
02/05/08	17.68	INACCESSIBI	LE - CAR PARI	KED OVER WELI							
02/29/08	17.68	10.88	6.80	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/20/08	17.68	9.21	8.47	<50°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/06/08	17.68	8.29	9.39	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
12/05/08	17.68	7.63	10.05	<50°	<50	< 0.5	<0.5	< 0.5	<1.5	<2.5	
02/09/09	17.68	8.21	9.47	<50°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/08/09	17.68	10.16	7.52	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	

Table 1
Groundwater Monitoring Data and Analytical Results

800 Center Street

Oakland, California WELL ID/ TOC* GWE DTW TPH-DRO TPH-GRO B T E X MTBE CUB												
	· · · · · · · · · · · · · · · · · · ·	. ` . ` . ` . ` . ` . ` . ` . ` . ` . `	`.`.'.'.`.\.\.\.\.\.\.\.\.\.\		#140 # 14 A A A A A A A A A A A A A						**************************************	
DATE	(ft.)	(msl)	(ft)	(μg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(cfu/ml)	
MW-6												
01/03/97					<50	< 0.5	< 0.5	< 0.5	< 0.5			
02/20/97	14.73	8.11	6.62		800	310	23	11	28	<12		
04/24/97	14.73	7.13	7.60		<50	< 0.5	< 0.5	<0.5	<0.5	<2.5		
07/23/97	14.73	5.73	9.00		<50	< 0.5	<0.5	<0.5	<0.5	<2.5		
10/29/97	14.73	4.98	9.75		<50	<0.5	<0.5	<0.5	<0.5	<2.5		
01/28/98	14.73	8.19	6.54		160	38	< 0.5	<0.5	<0.5	<2.5		
05/11/98	14.73	8.08	6.65		1,700	490	72	39	52	<25	••	
07/16/98	14.73	7.04	7.69		<50	< 0.5	< 0.5	<0.5	<0.5	<5.0		
08/04/98 ^a	14.73	6.89	7.84								8.6×10^3	
09/03/98 ^a	14.73	6.24	8.49								2.9×10^3	
10/21/98 ^b	14.73	5.46	9.27								1.8×10^{3}	
11/04/98	14.73	5.52	9.21		<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5		
01/26/99	14.73	6.49	8.24		<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.0		
05/06/99	14.73	7.91	6.82		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0		
08/21/99	14.73	7.93	6.80		<50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0		
10/28/99	14.73	5.27	9.46		<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0		
01/31/00	14.73	7.16	7.57		< 50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5		
05/19/00	14.73	7.60	7.13		< 50	11	< 0.5	< 0.5	< 0.5	<2.5		
08/07/00	14.73	6.22	8.51		< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5/<2.0 ^f		
12/01/00	14.73	DRY										
02/09/01	14.73	DRY										
05/29/01	14.73	6.63	8.10	NOT SAMPLE	D DUE TO INSU	FFICIENT WA	TER					
08/27/01 ^h	14.73	9.83	4.90		150	< 0.50	5.7	< 0.50	< 0.50	/<5.0 ^f		
11/28/01	14.73	DRY										
02/14/02	14.68	7.90	6.78		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
05/15/02	14.68	7.32	7.36		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
08/05/02	14.68	DRY										
11/30/02	14.68	DRY										
02/24-25/03 ¹	14.68	7.89	6.79	< 50	< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
06/02/03	14.68	7.20	7.48	< 50	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
09/02/03	14.68	5.77	8.91	190	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
11/21/03	14.68	4.86	9.82	98	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	••	
02/27/04	14.68	8.12	6.56	240	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
05/28/04	14.68	6.43	8.25	150	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
08/31/04	14.68	5.29	9.39	360 ^m	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		

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

800 Center Street

					Oakland, C						NAME OF TAXABLE PARTY.
WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	Ē	X	MTBE	CUB
DATE	(ft.)	(msl)	(ft)	(μg/L)	(pg/L)	(µg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(cfu/ml)
MW-6 (cont)											
12/17/04	14.68	6.85	7.83	91°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	-
03/28/05	14.68	8.34	6.34	61°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
06/09/05	14.68	7.95	6.73	64°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/19/05	14.68	6.27	8.41	<50° p	<50s	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/18/05	14.68	DRY AT 15.70	FEET								
03/07/06	14.68	8.03	6.65	<50°	< 50	< 0.5	< 0.5	0.9	<1.5	<2.5	
05/17/06	14.68	7.98	6.70	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/30/06	14.68	6.63	8.05	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/28/06	14.68	6.09	8.59	120°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	-
02/06/07	17.33	8.58	8.75	96°	< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/02/07	17.33	9.64	7.69	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/17/07	17.33	8.38	8.95	66°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	5
11/16/07	17.33	8.19	9.14	250°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	()
02/05/08	17.33	10.55	6.78	120°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	6 <u>348</u> 0
05/20/08	17.33	8.92	8.41	70°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/06/08	17.33	8.06	9.27	<160°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
12/05/08	17.33	7.44	9.89	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/09/09	17.33	7.99	9.34	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/08/09	17.33	10.01	7.32	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	:==
MW-7											
01/03/97					<50	< 0.5	< 0.5	<0.5	< 0.5		
02/20/97	16.36	8.86	7.50		<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	:==
04/24/97	16.36	7.59	8.77	1423 877.7	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	
07/23/97	16.36	6.09	10.27	117 .	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	(≥0
10/29/97	16.36	5.28	11.08		<50	< 0.5	< 0.5	<0.5	< 0.5	<2.5	
01/28/98	16.36	9.10	7.26		<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	
05/11/98	16.36	9.11	7.25	SAMPLED AND	NUALLY						
07/16/98	16.36	8.00	8.36			==:					
08/04/98 ^a	16.36	7.32	9.04		((\)			1.5×10^3
09/03/98 ^a	16.36	6.65	9.71			-					6.5×10^2
10/21/98 ^b	16.36	5.96	10.40	/ <u>\$20</u> /					-	(*** ****	4.8×10^{3}
11/04/98	16.36	5.89	10.47								
01/26/99	16.36	8.25	8.11	8 7.5 .	<50	< 0.5	< 0.5	< 0.5	0.5	<2.0	120
05/06/99	16.36	8.47	7.89	00							
08/21/99	16.36	8.51	7.85					()			

Table 1
Groundwater Monitoring Data and Analytical Results

800 Center Street Oakland, California

WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	ining the second				
DATE	(ft.)	(msl)	(ft.)	IPH-DRO (μg/L)	(pg/L)	В	T	E	X	MTBE	CUB
	(44)	(089)	(J^L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(μg/L)	(μg/L)	(µg/L)	(cfu/ml)
MW-7 (cont)											
10/28/99	16.36	6.04	10.32								
01/31/00	16.36	7.57	8.79		< 50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	
05/19/00	16.36	UNABLE TO I									
08/07/00	16.36	6.67	9.69		< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5/<2.0 ^f	
12/01/00	16.36	5.84	10.52	••	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50	
02/09/01	16.36	6.30	10.06		<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5	
05/29/01	16.36	UNABLE TO I	LOCATE								
08/27/01 ^h	16.36	6.02	10.34		< 50	< 0.50	< 0.50	< 0.50	< 0.50	/<5.0 ^f	
11/28/01	16.36	6.09	10.27		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
02/14/02	16.31	8.21	8.10		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
05/15/02	16.31	7.41	8.90		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
08/05/02	16.31	6.26	10.05		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
11/30/02	16.31	5.39	10.92		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
02/24-25/031	16.31	8.30	8.01	< 50	< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
06/02/03	16.31	7.67	8.64	< 50	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
09/02/03	16.31	6.17	10.14	< 50	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/21/03	16.31	UNABLE TO I	LOCATE - BUF	RIED							
02/27/04	16.31	UNABLE TO I	LOCATE - BUF	RIED							
05/28/04	n	n	9.40	91	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/31/04	n	n	10.61	150 ^m	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
12/17/04	n	n	9.16	170°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
03/28/05	_n	n	7.21	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
06/09/05	_n	n	7.71	86°	55	<0.5	<0.5	<0.5	<1.5	<2.5	
08/19/05	n	n	9.88	820°,p,q	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
11/18/05	n	n	10.06	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
03/07/06	n	n	6.95	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
05/17/06	n	n	7.52	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
08/30/06	n	n	10.73	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
11/28/06	n	n	10.70	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
02/06/07	19.26	8.91	10.35	73°	<50	< 0.5	<0.5	<0.5	<1.5	<2.5	
05/02/07	19.26	9.98	9.28	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
08/17/07	19.26	8.75	10.51	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
11/16/07	19.26	8.56	10.70	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
02/05/08	19.26	11.43	7.83	100°	<50	<0.5	<0.5	<0.5	<1.5	<2.5 <2.5	
05/20/08	19.26	9.32	9.94	52°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
03/20/00	17.20	7.52	2.24	32	\30	~0.3	\0.3	~0.3	<1.5	<2.5	

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

800 Center Street

Oakland, California

WELLID/ TOC* GWE DTW TPH-DRO TPH-GRO B T E X MTBE CUB												
	``*``*`*``*`*`*`*`*`*`*`********				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			E		MTBE	CUB	
DATE	(ft.)	(msl)	(ft)	(μg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(cfu/ml)	
MW-7 (cont)												
08/06/08	19.26	8.41	10.85	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
12/05/08	19.26	7.71	11.55	<50°	<50	<0.5	< 0.5	<0.5	<1.5	<2.5	3 1	
02/09/09	19.26	8.23	11.03	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
05/08/09	19.26	10.23	9.03	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5	_	
MW-8												
02/14/02 ^{i,j}	15.29	7.30	7.99		<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5/<2 ^f		
05/15/02 ^k	15.29	6.66	8.63		<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
08/05/02 ^k	15.29	5.48	9.81		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	==	
11/30/02 ^k	15.29	4.85	10.44		< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
02/24-25/031	15.29	7.46	7.83	<50	< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
06/02/03	15.29	6.83	8.46	< 50	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
09/02/03	15.29	5.57	9.72	< 50	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
11/21/03	15.29	4.89	10.40	< 50	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
02/27/04	15.29	8.38	6.91	280	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
05/28/04	15.29	6.33	8.96	72	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
08/31/04	15.29	4.79	10.50	92 ^m	<50	< 0.5	< 0.5	<0.5	<1.5	<2.5		
12/17/04	15.29	6.68	8.61	53°	< 50	< 0.5	< 0.5	<0.5	<1.5	<2.5		
03/28/05	15.29	8.79	6.50	<50°	< 50	< 0.5	0.9	<0.5	<1.5	<2.5		
06/09/05	15.29	8.26	7.03	63°	<50	< 0.5	< 0.5	<0.5	<1.5	<2.5		
08/19/05	15.29	6.18	9.11	<50°,p	< 50	< 0.5	<0.5	<0.5	<1.5	<2.5		
11/18/05	15.29	5.47	9.82	<50°	<50	< 0.5	< 0.5	<0.5	<1.5	<2.5		
03/07/06	15.29	8.60	6.69	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
05/17/06	15.29	8.21	7.08	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
08/30/06	15.29	6.57	8.72	<50°	<50	< 0.5	< 0.5	<0.5	<1.5	<2.5		
11/28/06	15.29	6.38	8.91	<50°	<50	< 0.5	< 0.5	<0.5	<1.5	<2.5		
02/06/07	17.79	8.39	9.40	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5		
05/02/07	17.79	9.33	8.46	<50°	<50	< 0.5	<0.5	<0.5	<1.5	<2.5		
08/17/07	17.79	8.18	9.61	<50°	<50	< 0.5	<0.5	<0.5	<1.5	<2.5		
11/16/07	17.79	8.04	9.75	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
02/05/08	17.79	10.44	7.35	120°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
05/20/08	17.79	8.69	9.10	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
08/06/08	17.79	7.89	9.90	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
12/05/08	17.79	7.30	10.49	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
02/09/09	17.79	7.86	9.93	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
05/08/09	17.79	9.60	8.19	<50°	<50	<0.5	<0.5	<0.5	<1.5	<2.5		
				-50	-50	-010	-0.5	V.J	~1.0	74.3		

11

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

800 Center Street

					Oakland, (Jaiiiornia					
WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	E	X	MTBE	CUB
DATE	(ft.)	(msl)	(fi.)	(μg/L)	(µg/L)	(μg/L)	(μg/L)	(µg/L)	(μg/L)	(µg/L)	(cfu/ml)
MW-9									SANTON SALO		
04/20/07 ⁱ	18.42	10.39	8.03	1,100°	4,100	28	6.9	9.2	240		
06/22/07	18.42	8.82	9.60	310°	500	4.4	<0.5	< 0.5	12	**	-
08/17/07	18.42	8.67	9.75	92°	<50	<0.5	<0.5	<0.5	<1.5		S. C.
11/16/07	18.42	8.40	10.02	470°	92	<0.5	<0.5	<0.5	<1.5	() **	3 50
02/05/08	18.42	11.08	7.34	390°	<50	<0.5	<0.5	<0.5	<1.5		
05/20/08	18.42	9.16	9.26	<50°	<50	<0.5	<0.5	<0.5	<1.5		
08/06/08	18.42	8.31	10.11	<50°	<50	<0.5	<0.5	<0.5	<1.5	S. 1	(****
12/05/08	18.42	7.64	10.78	<50°	<50	<0.5	<0.5			S. +- S	
02/09/09	18.42	8.15	10.27	<50°	<50	<0.5		<0.5	<1.5		-
05/08/09	18.42	10.11	8.31				<0.5	<0.5	<1.5		-
03/00/07	10.42	10.11	0.31	<50°	<50	<0.5	<0.5	<0.5	<1.5	(, = = 0	_
MW-10											
04/20/07 ⁱ	17.99	8.35	9.64	260°	1,200	29	31	11	140	-	
06/22/07	17.99	8.29	9.70	110°	<50	1.5	<0.5	<0.5	<1.5	1000 1000	
08/17/07	17.99	7.81	10.18	53°	<50	<0.5	<0.5	<0.5	<1.5		
11/16/07	17.99	6.90	11.09	140°	<50	<0.5	<0.5	<0.5	<1.5		
02/05/08	17.99	9.65	8.34	330°	<50	<0.5	<0.5	<0.5	<1.5	-	
05/20/08	17.99	8.28	9.71	120°	<50	<0.5	<0.5	<0.5	<1.5		
08/06/08	17.99	7.50	10.49	<50°	<50	<0.5	<0.5	<0.5	<1.5		•••
12/05/08	17.99	6.67	11.32	<50°	<50	<0.5	<0.5	<0.5	<1.5		
02/09/09	17.99	7.19	10.80	<50°	<50	<0.5	<0.5	<0.5		: 	
05/08/09	17.99	8.96	9.03	<50°	< 50	<0.5	< 0.5	<0.5	<1.5		
00,00,00	17.57	0.70	7.03	<50	\30	~0.5	<0.5	<0.5	<1.5	-	(1999)
MW-11											
04/20/07 ⁱ	18.68	9.88	8.80	350°	77	<2.0	4.6	< 0.5	3.2		
06/22/07	18.68	9.35	9.33	140°	51	< 0.5	< 0.5	<0.5	<1.5	5	2000-00 11 1
08/17/07	18.68	8.66	10.02	<50°	<50	< 0.5	<0.5	<0.5	<1.5		%
11/16/07	18.68	8.47	10.21	<50	<50	< 0.5	<0.5	<0.5	<1.5		
02/05/08	18.68	11.10	7.58	84°	<50	< 0.5	<0.5	<0.5	<1.5	-	
05/20/08	18.68	9.20	9.48	<50°	<50	<0.5	<0.5	<0.5	<1.5		
08/06/08	18.68	8.37	10.31	<50°	<50	<0.5	<0.5	<0.5	<1.5		
12/05/08	18.68	7.63	11.05	<50°	<50	<0.5	<0.5	<0.5	<1.5		0=-0
02/09/09	18.68	8.17	10.51	<50°	<50	<0.5	<0.5	<0.5	<1.5	2002 1800	
05/08/09	18.68	10.12	8.56	<50°	<50	<0.5	<0.5	<0.5	<1.5	-	

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

800 Center Street

	Oakland, California WELL ID/ TOC* GWE DTW TPH-DRO TPH-GRO B T E X MTBE CUB													
WELL ID/														
DATE	(ft.)	(msl)	(ft.)	(μg/L)	(µg/L)	(μg/L)	(µg/L)	(μg/L)	(µg/L)	(µg/L)	(cfu/ml)			
MW-12											3.14-2-1-3.			
04/20/07i	18.46	12.88	5.58	430°	400	2.3	40	14	49					
06/22/07	18.46	7.75	10.71	390°	<50	0.7	1.1	< 0.5	4.3	<u> </u>				
08/17/07	18.46	7.91	10.55	<50°	<50	< 0.5	<0.5	<0.5	<1.5					
11/16/07	18.46	6.96	11.50	200°	<50	< 0.5	< 0.5	< 0.5	<1.5					
02/05/08	18.46	8.62	9.84	200°	51	0.9	< 0.5	< 0.5	<1.5					
02/05/08	18.46	8.80	9.66	66°	<50	< 0.5	< 0.5	<0.5	<1.5					
08/06/08	18.46	6.40	12.06	<50°	<50	< 0.5	< 0.5	<0.5	<1.5	22				
12/05/08	18.46	6.20	12.26	<50°	<50	< 0.5	<0.5	<0.5	<1.5					
02/09/09	18.46	6.53	11.93	<50°	<50	< 0.5	< 0.5	<0.5	<1.5					
05/08/09	18.46	8.64	9.82	<50°	<50	<0.5	<0.5	<0.5	<1.5	-	_			
		Biological S		-30		-0.0	10.5	40.5	·	55 5	4 =			
MW-13														
04/20/07 ⁱ	18.43	9.46	8.97	140°	650	16	23	7.5	61	8				
06/22/07	18.43	8.99	9.44	400°	< 50	0.6	0.9	< 0.5	<1.5	1				
08/17/07	18.43	8.53	9.90	<50°	<50	< 0.5	< 0.5	< 0.5	<1.5					
11/16/07	18.43	8.37	10.06	350°	< 50	< 0.5	< 0.5	< 0.5	<1.5	N ES N	100			
02/05/08	18.43	10.85	7.58	57°	< 50	< 0.5	< 0.5	< 0.5	<1.5) == 1				
05/20/08	18.43	8.99	9.44	100°	< 50	< 0.5	< 0.5	< 0.5	<1.5	922				
08/06/08	18.43	8.18	10.25	78°	< 50	< 0.5	< 0.5	< 0.5	<1.5					
12/05/08	18.43	7.53	10.90	<50°	< 50	< 0.5	< 0.5	< 0.5	<1.5	V. 				
02/09/09	18.43	8.00	10.43	<50°	< 50	< 0.5	< 0.5	< 0.5	<1.5					
05/08/09	18.43	9.93	8.50	<50°	<50	<0.5	<0.5	<0.5	<1.5	% <u>400</u> %	-			
MW-14														
04/20/07 ⁱ	18.59	8.17	10.42	2 0000	16,000	550	1.600	(20	2.400					
04/20/07	18.59	7.55	11.04	2,000° 1,300°	3,700	190	1,600	620	2,400					
08/17/07	18.59	7.33	10.77	780°	2,600	74	150 54	49	580	-				
11/16/07	18.59	7.58	11.01		850			11	220	-				
02/05/08	18.59	7.3 8 8.99	9.60	690°	450	45	3.5	14	32	, , , , ,				
05/20/08	18.59	8.99 7.69		160°		16	2.7	7.6	3.0	-				
03/20/08			10.90	120°	<50	0.7	< 0.5	< 0.5	<1.5					
12/05/08	18.59 18.59	7.35	11.24	88°	<50	0.9	<0.5	<0.5	<1.5					
02/09/09		6.83	11.76	<50°	100	1.7	0.5	<0.5	<1.5) 0				
	18.59	7.11	11.48	<50°	<50	<0.5	<0.5	<0.5	<1.5					
05/08/09	18.59	8.01	10.58	<50°	<50	<0.5	< 0.5	<0.5	<1.5		<u>===</u>			

Table 1
Groundwater Monitoring Data and Analytical Results

800 Center Street

Oakiand, California WELL ID/ TOCA GWE DTW TPU DDO TRU CBO D												
WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	E	X	MTBE	CUB	
DATE	(ft.)	(msl)	(ft.)	(μg/L)	(µg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)	(µg/L)	(cfu/ml)	
MW-15									300	:::1		
04/20/07 ⁱ	18.38	9.78	8.60	720°	240	1.0	1.3	< 0.5	20	22	-	
06/22/07	18.38	9.09	9.29	150°	<50	<0.5	< 0.5	<0.5	<1.5			
08/17/07	18.38	8.65	9.73	<50°	<50	<0.5	< 0.5	< 0.5	<1.5			
11/16/07	18.38	8.41	9.97	140°	<50	<0.5	<0.5	<0.5	<1.5			
02/05/08	18.38	10.97	7.41	52°	<50	<0.5	<0.5	<0.5	<1.5			
05/20/08	18.38	9.12	9.26	<50°	<50	<0.5	<0.5	<0.5	<1.5			
08/06/08	18.38	8.30	10.08	190°	<50	<0.5	<0.5	< 0.5	<1.5			
12/05/08	18.38	7.58	10.80	<50°	<50	<0.5	<0.5	<0.5	<1.5			
02/09/09	18.38	8.12	10.26	<50°	<50	<0.5	<0.5	<0.5	<1.5			
05/08/09	18.38	10.02	8.36	53°	<50	<0.5	<0.5	<0.5	<1.5			
02/00/02	10.00	10.02	0.50	33	~30	~0.5	~0.5	~0.5	~1.3		-	
MW-16												
04/20/07 ⁱ	18.57	8.75	9.82	2,200°	15,000	87	1,200	500	2,000	7		
06/22/07	18.57	8.20	10.37	2,100°	10,000	130	1,800	580	1,400			
08/17/07	18.57	7.81	10.76	640°	8,200	110	1,400	280	730			
11/16/07	18.57	7.54	11.03	370°	1,600	22	270	60	160			
02/05/08	18.57	9.74	8.83	350°	930	2.6	15	9.3	18			
05/20/08	18.57	8.26	10.31	79°	<50	< 0.5	< 0.5	<0.5	<1.5			
08/06/08	18.57	7.49	11.08	74°	<50	< 0.5	<0.5	0.6	<1.5			
12/05/08	18.57	6.80	11.77	89°	<50	< 0.5	< 0.5	<0.5	<1.5			
02/09/09	18.57	7.18	11.39	<50°	<50	< 0.5	< 0.5	<0.5	<1.5			
05/08/09	18.57	8.92	9.65	<50°	<50	<0.5	<0.5	<0.5	<1.5	_		
MW-17												
04/20/07 ⁱ	18.55	-0.95	10.50	* ****	7.400		000					
06/22/07	18.55	8.21	19.50	1,300°	7,400	66	880	300	1,300	:		
08/17/07	18.55		10.34	690°	2,000	35	27	9.3	360			
11/16/07	18.55	2.33	16.22	240°	380	6.7	2.3	0.5	15		2 57 7	
		3.22	15.33	270°	190	4.0	4.0	1.5	27	-	0 110 5	
02/05/08	18.55	4.94	13.61	460°	1,000	16	26	49	60			
05/20/08	18.55	8.29	10.26	89°	<50	<0.5	<0.5	<0.5	<1.5			
08/06/08	18.55	5.82	12.73	150°	180	2.5	2.0	2.8	1.5			
12/05/08	18.55	6.62	11.93	120°	360	3.4	<2.0 ^y	0.7	<1.5		: :	
02/09/09	18.55	6.68	11.87	<50°	<50	< 0.5	<0.5	<0.5	<1.5		()	
05/08/09	18.55	8.79	9.76	<50°	<50	<0.5	<0.5	< 0.5	<1.5			

Table 1 **Groundwater Monitoring Data and Analytical Results**

800 Center Street

Oakland, California

THE PROPERTY OF THE PARTY OF TH	The state of the s		والمراجع والمستوالية والمراجع والمراجع		Oakland, (.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	ana an T abbila	E	X	MTBE	CUB
DATE	(ft.)	(msl)	(ft)	(μg/L)	(µg/L)	(µg/L)	(μg/L)	(μg/L)	(μg/L)	(µg/L)	(cfu/ml)
MW-1											
10/27/95	15.69	10.54	5.15		170,000	19,000	34,000	4,800	26,000		
02/20/97	15.64	8.96	6.68		18,000	870	3,500	470	2,100	<250	
04/24/97	15.64	7.30	8.34		76,000	4,600	16,000	1,600	8,300	1,000	
07/23/97	15.64	5.90	9.74		37,000	2,700	8,000	870	6,100	<250	
10/29/97	15.64	INACCESSIBLE	Ç								
01/28/98	15.64	9.30	6.34	••	10,000	380	2,000	300	1,500	<25	
05/11/98	15.64	8.72	6.92		17,000	880	3,100	380	2,300	<250	
07/16/98	15.64	7.23	8.41		29,000	2,700	6,800	890	3,900	<1,000	
08/04/98 ^a	15.64	6.90	8.74								$<1.0 \times 10^{1}$
09/03/98 ^a	15.64	6.43	9.21						;		4.1×10^3
10/21/98 ^b	15.64	5.59	10.05								4.7×10^2
11/04/98	15.64	5.64	10.00		25,000	1,900	5,900	810	4,300	<125	4.7 X 10
01/26/99	15.64	6.86	8.78		<50	<0.5	<0.5	<0.5	<0.5	<2.0	
05/06/99	15.64	8.17	7.47		8,050	515	1,840	256	1,190	300/<20°	
08/21/99	15.64	13.27	2.37		46,500	2,530	8,700	1,010	5,300	<1,250/<40°	
10/28/99	15.64	5.46	10.18		31,600	1,580	6,100	794	4,400	1,270	
01/31/00	15.64	7.49	8.15		7,270	366	1,280	171	935	<12.5	
05/19/00	15.64	7.78	7.86		8,000 ^e	870	1,200	430	1,200	<250	
08/07/00	15.64	6.42	9.22		37,000 ^e	2,400	8,500	1,100	5,500	1,500/<4.0 ^f	
12/01/00	15.64	5.25	10.39		25,500 ^g	1,390	4,920	801	4,330	<500/<10 ^f	
02/09/01	15.64	6.10	9.54		8,900 ^e	850	1,300	470	1,700	820/<2.0 ^f	
05/29/01	15.64	6.79	8.85		24,000 ^e	1,800	5,600	740	3,700	<250/<2.0 ^f	
08/27/01 ^h	15.64	5.83	9.81		27,000	1,400	4,400	710	3,400	/<20 ^f	
11/28/01	15.64	5.84	9.80		26,000	1,300	3,900	620	3,400	<100/<2 ^f	
02/14/02	15.63	8.34	7.29		1,400	100	360	45	240	9.3/<2 ^f	
05/15/02	15.63	7.18	8.45		37,000	2,400	7,300	1,000	4,800	<100/<3.0 ^f	
08/05/02	15.63	6.09	9.54	••	27,000	1,500	4,600	700	3,400	<100/<3.0 ^f	
DESTROYED						ŕ	,		-,	100/ 3.0	
TRIP BLANK											
02/20/97		: :		3 gyarinah	<50	-0 5	-0.5	-0.5	-0.5	-0.5	
04/24/97		10 557 1			<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/23/97		10 00 00		1000000	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/29/97		222	57.	77	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/28/98		, 57		9.55.00	<50 <50	<0.5	<0.5	<0.5	<0.5	<2.5	
05/11/98					<50 <50	<0.5	<0.5	<0.5	<0.5	<2.5	
						<0.5	<0.5	<0.5	< 0.5	<2.5	
206145 (S-800)).xls/#386492				15					A	s of 05/08/09

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

800 Center Street

WELL ID/	Tables Avenue		. د د د د د د د د د د د د د د د د د د د		Oakiand, C						
	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	Ē	X	MTBE	CUB
DATE	(ft.)	(msl)	(ft.)	(μg/L)	(µg/L)	(μg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(cfu/ml)
TRIP BLANK (cont)										
07/16/98					<50	< 0.5	< 0.5	<0.5	< 0.5	<5.0	
11/04/98		,			<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.0	
01/26/99					< 50	< 0.5	< 0.5	< 0.5	< 0.5	<2.0	
05/06/99					< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	
01/31/00					<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	
05/19/00					<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5	
08/07/00					<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5	
12/01/00					< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	<2.50	
02/09/01					< 50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5	
05/29/01					<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5	
08/27/01 ^h					<50	< 0.50	< 0.50	< 0.50	< 0.50	/<5.0 ^f	
QA											
11/28/01					<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
02/14/02					<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
05/15/02					<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
08/05/02					<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
11/30/02					<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
02/24-25/03					<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5	
06/02/03					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
09/02/03					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/21/03					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/27/04					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/28/04					< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/31/04					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
12/17/04					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
03/28/05					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
06/09/05					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/19/05					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/18/05					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
03/07/06					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/17/06					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/30/06					< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/28/06					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/06/07					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
04/20/07					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/02/07					< 50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
06/22/07					<50	<0.5	< 0.5	< 0.5	<1.5		

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

800 Center Street

WELL ID/	TOC*	GWE	DTW	TPH-DRO	TPH-GRO	В	T	E	X	MTBE	CUB
DATE	(ft.)	(msl)	(ft.)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(cfu/ml)
QA (cont)											
08/17/07	-	==	-		<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
11/16/07					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/05/08			()		<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	<u></u>
02/29/08					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/20/08	(***)		1447		<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
08/06/08	922				<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
12/05/08			1 	**	<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
02/09/09					<50	< 0.5	< 0.5	< 0.5	<1.5	<2.5	
05/08/09				_	<50	<0.5	< 0.5	<0.5	<1.5	<2.5	

Table 1

Groundwater Monitoring Data and Analytical Results

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

800 Center Street

Oakland, California

EXPLANATIONS:

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

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

* TOC elevations were surveyed on May 30, 2007, by Morrow Surveying. Vertical Datum is NAVD 88 from GPS observations.

TOC elevations were surveyed on August 17, 2005, by Morrow Surveying. Gettler-Ryan received updated TOC data March 12, 2007. Vertical Datum is

NAVD 88 from GPS observations.

On February 18, 2003, MW-1A was surveyed using the previous benchmark.

TOC elevations were surveyed on December March 4, 2002, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, #25-H monument disk in well casting in sidewalk at the northwest corner of 7th and Center. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83), (Benchmark Elevation = 10.784 feet NGVD 29).

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

EXPLANATIONS:

- Laboratory report indicates the analysis was performed from a previously opened vial and the results are therefore estimated.
- Laboratory report indicates the observed sample pattern includes #2 fuel/diesel, an additional pattern which elutes later in the DRO range, and individual peaks eluting in the DRO range.
- Laboratory confirmed result.
- Current laboratory analytical results do not coincide with historical data and although laboratory results were confirmed; it appears that the samples were switched.
- Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
- Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for total xylenes. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
- Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for toluene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

Table 2
Field Measurements and Analytical Results

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

WELL ID/ DATE	Pre-purge DO (mg/L)	Post-purge D.O. (mg/L)	Pre-purge ORP (mV)	Post-purge ORP (mV)	Total Alkalinity (μg/L)	Ferrous Iron (µg/L)	Nitrate as Nitrate (µg/L)	Sulfate (µg/L)
MW-1								8
09/03/98	2.3	1.6	-90	-103	230,000	9,800	<1,000	6,100
MW-2								
09/03/98	2.8	2.5	-206	-163	390,000	7,400	<1,000	21,000
MW-3								
09/03/98	3.1	0.7	-124	-99	830,000	45,000	<1,000	10,000
MW-4								
09/03/98	2.6	1.1	-190	-206) -	7 24 0	***
MW-6								
09/03/98	2.6	3.2	-148	-167	94,000	62	28,000	47,000
MW-7								
09/03/98	2.7	3.2	-207	-229	170,000	120	7,800	57,000

EXPLANATIONS:

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

D.O. = Dissolved Oxygen

(mg/L) = Milligram per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

 $(\mu g/L) = Micrograms per liter$

-- = Not Analyzed

Table 3
Groundwater Analytical Results - Oxygenate Compounds

800 Center Street

WELL ID	DATE	METHANOL	ETHANOL	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
		(mg/L)	(µg/L)	(μg/L)	(μg/ L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	08/07/00	==	<1,000	410	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	12/01/00		<2,500	<250	<10	<10	<10	<10	<10	<10
	02/09/01		<500	340	<2.0	<2.0	<2.0	53	<2.0	<2.0
	05/29/01		< 500	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	< 2.000	<200	230	<20	<20	<20	<20	<20	<20
	11/28/01	1,550	<500	130	<2	<2	<2	<2	<2	<2
	02/14/02	(***)	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	644	<500	120	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08/05/02	(<500	100	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	DESTROYED									
MW-2	08/07/00		<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	(20)	-		<5.0					
MW-3	08/07/00	-	<500	2,600	<10	<10	<10	<10	490	17
	02/09/01	-	< 500	2,000	<2.0	<2.0	<2.0	35	<2.0	<2.0
	05/29/01		< 500	$1,700^{1}$	<2.0	<2.0	<2.0	38	980 ¹	7.4
	08/27/01	< 5.000	<250	1,300	<25	<25	<25	<25	380	<25
	11/28/01	(**)	< 500	1,500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	02/14/02	(22)	< 500	<100	<2	<2	<2	<2	<2	<2
	05/15/02		< 500	110	<2	<2	<2	<2	120	<2
	08/05/02	(100))	<1,000	1,400	<10	<10	<10	<10	670	<10
	11/30/02		<1,000	1,200	<10	<10	<10	<10	380	<10
MW-4	08/07/00		<500	<100	<2.0	<2.0	<2.0	<2.0	18	<2.0
	08/27/01	NOT SAMPLED	DUE TO INSUFF	ICIENT WATE				1/20182 221	(4.77) (4.7	
	11/28/01	DRY	-	22		22		 -:		##
	02/14/02		< 500	<100	<2	<2	<2	<2	9	<2
	05/15/02	S== 1	< 500	<100	<2	<2	<2	<2	4	<2
	08/05/02	DRY		-	440	250	<u>22.</u> 2	-	0 <u>000</u>	20
	11/30/02	DRY		-	21°4°4 9452				3010	######################################
MW-5	12/01/00	-	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	02/09/01		<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	INACCESSIBLE								
	11/28/01	INACCESSIBLE -					98 8			
	02/14/02	3 5-	<500	<100	<2	<2	<2	<2	<2	<2

Table 3
Groundwater Analytical Results - Oxygenate Compounds

800 Center Street Oakland, California

				Ou	Kidild, Californie	•				
WELL ID	DATE	METHANOL	ETHANOL	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
		(mg/L)	(µg/L)	(μg/L)	(μg/ L)	(μg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)
MW-5 (cont)	05/15/02		< 500	<100	<2	<2	<2	<2	<2	<2
	08/05/02	<u>2018</u> 1848	<500	<100	<2	<2	<2	<2	<2	<2
	11/30/02	**************************************	<500	<100	<2	<2	<2	<2	<2	<2
MW-6	08/07/00		< 500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	(<5.0	1. 5. 0)	
	11/30/02	DRY	-			(22)			144	
MW-7	08/07/00	-	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01				<5.0				***	
MW-8	02/14/02		<500	<100	<2	<2	<2	<2	<2	<2

TBA = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = Di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

(mg/L) = milligrams per liter

 $(\mu g/L)$ = Micrograms per liter

-- = Not Analyzed

ANALYTICAL METHODS:

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

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

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.



Client/Facility#:	Chevron #20	06145		Job	Number:	386492		
Site Address:	800 Center S	Street		Ever	nt Date:	5/8/09	nclusive)	
City:	Oakland, CA	1		— Sam	pler [.]	3 #	(,
· · · · · · · · · · · · · · · · · · ·								
Well ID	MW- IA			Date Mo	onitored:	5/8/4		
Well Diameter	2 ir	_	T.	/olume	3/4"= 0.0		0.47 21-0.20	
Total Depth	16.85 ft			actor (VF)	4"= 0.66		0.17 3"= 0.38 1.50 12"= 5.80	
Depth to Water			Check if water co	olumn is less	s then 0.50) ft.		
·	8.65					Estimated Purge Volu	me: 4.4 /	al.
Depth to Water	w/ 80% Recharge							
				•		Time Started:_		_(2400 hrs)
Purge Equipment:			Sampling Equipm				d: ct:	
Disposable Bailer	<u> </u>		Disposable Bailer	<u>X</u>		Depth to Water	·	'' ft
Stainless Steel Baile	er		Pressure Bailer			Hydrocarbon TI	nickness:	ft
Stack Pump			Discrete Bailer			Visual Confirma	ation/Description:	
Suction Pump			Peristaltic Pump			Skimmer / Abec	orbant Sock (circle o	20)
Grundfos			QED Bladder Pump				from Skimmer:	
Peristaltic Pump QED Bladder Pump	ii .		Other:			Amt Removed f	rom Well:	gal
Other:							d:	
Outer						Product Transfe	erred to:	
Chart Times /								
Start Time (purg		-1-1		Conditions	—	Clean	1 11	
Sample Time/Da		5/8/4		olor: <u> </u>		Odor: O N	1.3/2	
Approx. Flow Ra		gpm.		t Description		1.91		
Did well de-wate	er? <u>/w</u> If	yes, Time	e: V	olume:	9	gal. DTW @ Sam	pling: <u>9.40</u>	
Time			Conductivity	Temp	erature	D.O.	ORP	
(2400 hr.)	Volume (gal.)	рH	(µmhos/cm - (1)	_	/ F)	(mg/L)	(mV)	
1404	1.5	7.05	446	19	1.4			
1409	3.0	7.00	472		. 1			
1413	4.5	6.87	490		. 0			
	6				-500			
SAMPLE ID	(4) CONTAINED	DEEDIO	LABORATORY					
MW- 14	(#) CONTAINER x voa vial	REFRIG. YES	PRESERV. TY		CASTER	TPH-GRO(8015)/BTE	NALYSES	
10100- 129	x voa vial	YES	HCL			TPH-GRO(8015)/BTE		
	2 x 500ml ambers	YES	NP.			TPH-DRO w/sg (8015	• •	
						3(,	
			 					
		<u> </u>	+					
	1		1	+				
COMMENTS	•			1				
COMMENTS:								
				·			_	
								
	 -						-	



Client/Facility#:	Chevron #206	145		Job	Number:	386492		
Site Address:	800 Center St	reet		Eve	nt Date:	5-8-0	(inclusive)	
City:	Oakland, CA			 San	pler:	Sh		``
					<u> </u>			
Well ID	Mw- 2			Date M	onitored:	5-8	-09	
Well Diameter	2 in.		Г	Volume	3/4"= 0.02			3"= 0.38
Total Depth	13.47 ft.			Factor (VF)	4"= 0.66			2"= 5.80
Depth to Water	842 ft.		ــ heck if water o	column is les	s then 0.50	ft.		
	505	VF	7 = 0-8	x3 ca	se volume = l	Estimated Purg	je Volume:	3 gal.
Depth to Water	w/ 80% Recharge [(Height of \	Vater Column x (
						Time Sta	nrted: mpleted:	(2400 hrs)
Purge Equipment:			ampling Equipr		1			(2400 hrs)
Disposable Bailer			isposable Bailer			Depth to	Water:	ft
Stainless Steel Baile	er		ressure Bailer			Hydroca	rbon Thickness:_	ft
Stack Pump	-		iscrete Bailer			Visual C	onfirmation/Desc	ription:
Suction Pump Grundfos			eristaltic Pump			Skimmer	/ Absorbant Soc	ck (circle one)
Peristaltic Pump			ED Bladder Pum ther:			Amt Ren	noved from Skim	mer:gal
QED Bladder Pump			u ici					gal
Other:							emoved:	
						. Todador	runoiorica to:_	
Start Time /pura	0): 11/17		\A/a-a4b-a	n O = = disi = =		Cle	100	
Start Time (purge		=6		r Condition	`		2 /	
	ate: 1210 / 5			olor: 6		Odor: Y	Ŋ	
Approx. Flow Ra		pm. '		nt Descripti		West	<u> </u>	
Did well de-wate	er? If yo	es, Time:		Volume:	9	al. DTW @	Sampling: _	867
Time	Malayses (mal.)	_1.1	Conductivity	Team	erature	D.O.	ORF)
(2400 hr.)	Volume (gal.)	рН	(µmhos/cm - µ	6)() (G)	/ F)	(mg/L)	(mV)	
1147	l	6-77	901		260			
115-1	2	C273	912		20-7	···		
1156	3	027	1913		20-60			
								<u> </u>
SAMPLE ID	/ (#) CONTAINED		ABORATOR					
MW- 2	(#) CONTAINER	REFRIG. YES	PRESERV. T		DRATORY CASTER	TOU COO(004	ANALYSES 5)/BTEX+MTBE	
***************************************	x voa vial	YES	HCL				5)/BTEX(8021)	(8021)
	500ml ambers	YES	NP			TPH-DRO w/so		
		 .						
COMMENTS:								
Add/Replaced	Lock:	Add/	Replaced Plu	a:		Add/Replac	ed Bolt	



Client/Facility#:	Chevron #20	6145		Job	Number:	386492	
Site Address:	800 Center S	Street		Eve	nt Date:	5/8/09	(inclusive)
City:	Oakland, CA	/		Sam	pler:	KS	
Well ID	MW-3			Date M	onitored:	5/8/09	
Well Diameter	2 in	-	[
Total Depth	14.01 ft	_		Volume Factor (VF)	3/4"= 0.0 4"= 0.6		1
Depth to Water	8.12 ft		ا Check if water o	column is les	s then 0.50		
	5.89	ٔ کست	7 = 1.0			Estimated Purge Volume:	3.04 gal.
Depth to Water v	w/ 80% Recharge					Latinated Furge Volume	yai.
		(to g		o.zo, · D. v.j.		Time Started:	(2400 hrs)
Purge Equipment:		S	ampling Equip	ment:	,		(2400 hrs)
Disposable Bailer			isposable Bailer		X	D45 4- 18/-4	ft
Stainless Steel Bailer	r	Р	ressure Bailer			Hydrocarbon Thickn	
Stack Pump		D	iscrete Bailer			Visual Confirmation/	
Suction Pump		Р	eristaltic Pump			Oli anno d'Abrarda	
Grundfos		Q	ED Bladder Pun	np		Skimmer / Absorbar	Skimmer: gal
Peristaltic Pump		0	ther:			Amt Removed from	Well:gal
QED Bladder Pump						Water Removed:	
Other:						Product Transferred	to:
Start Time (purge Sample Time/Da Approx. Flow Rat Did well de-water Time (2400 hr.)	te: 15/6 / ;	gpm. yes, Time.	Water (Sedime Conductivity (µmhos/cm - µ	(S (E)	on: /	Odor: (V) N _ S 1., W @ Samplin D.O. (mg/L)	g: 9.00 ORP (mV)
1452		7.37	750				
1456		7.96	<u> 789</u>		.4		
SAMPLE ID	(#) CONTAINED	DEEDIC	LABORATOR	RY INFORM	ATION		
MW- Z	(#) CONTAINER x voa vial	REFRIG. YES	PRESERV. T		CASTER	ANAL TPH-GRO(8015)/BTEX+M	
- WW-	x voa vial	YES	HCL		CASTER	TPH-GRO(8015)/BTEX(80	
	x 500ml ambers	YES	NP		CASTER	TPH-DRO w/sg (8015)	21)
							
COMMENTS:							
Add/Replaced L	.ock:	Add/	Replaced Plu	ia.		Add/Replaced Bolt:	



Client/Facility#:	Chevron #20)6145	_	Job	Number:	386492		
Site Address:	800 Center S	Street		Eve	nt Date:	5-8-0	9	- (inclusive)
City:	Oakland, CA			San	npler:	st		
Well ID	MW-H			Date M	lonitored:	5-8	-09	
Well Diameter	2 in	-	Г	·				<u></u>
Total Depth	13-37 ft	-	1	Volume Factor (VF)	3/4"= 0.0. 4"= 0.66		2"= 0.17	- 1
Depth to Water	7.18 ft.		∟ Check if water c	olumn is les	s then 0.50) ft.		
	6.19	xVF	:17= 1.0) グ x3 ca	se volume =	Estimated Purge \	/olume:	gal.
Depth to Water	w/ 80% Recharge	= (Height of V	Vater Column x 0).20) + DTW]:	8.4	2		
Purge Equipment:		•	ompline Equipm			Time Starte Time Comp	d: leted:	(2400 hrs) (2400 hrs)
Disposable Bailer	V		ampling Equipn	nent:	/	Depth to Pro	oduct:	ft
Stainless Steel Baile	, <u>×</u>		ressure Bailer		$\overline{}$	Depth to Wa	ater:	ft
Stack Pump			iscrete Bailer				n Thickness:	ft
Suction Pump			eristaltic Pump			Visual Confi	rmation/Description	1:
Grundfos			ED Bladder Pum	n ——			bsorbant Sock (cire	
Peristaltic Pump			ther:	• —		Amt Remov	ed from Skimmer:_	gal
QED Bladder Pump		_				Amt Remove	ed from Well:	gal
Other:						Product Trai	oved: nsferred to:	
						L		
Start Time (purge	N. NOO		Weather	r Condition	0.	Clear		
		6			_			
	te: <u>1130 / 5</u>			olor:	7	Odo N		
Approx. Flow Rat		gpm.		nt Descripti		want		
Did well de-water	r?	yes, Time:	/	/olume:	(gal. DTW @ S	ampling:	4.6
Time	Valuma (aul.)	ml I	Conductivity	Tem	gerature	D.O.	ORP	
(2400 hr.)	Volume (gal.)	рН	(μmhos/cm μ	-	1 F)_	(mg/L)	(mV)	
1105	ì	6.59	827	5 2	0-5			
1108	2	667	832	- 20	5-3			-
1112	3.5	6.72	839	20	9-1		-	•
								.
								
SAMPLE ID	(#) CONTAINER		LABORATOR				ANIAL X (0 mg)	
MW-	3voa vial	REFRIG. YES	PRESERV. TO		DRATORY	TPH_CPO(8015)/	ANALYSES BTEX+MTBE(8021)	
10100-	x voa vial	YES	HCL			TPH-GRO(8015)/E		<u>'</u>
	x 600ml ambers	YES	NP			TPH-DRO w/sg (8		
							,	
<u> </u>								
					3 2			
COMMENTS:	· · · · · · · · · · · · · · · · · · ·				·			
					<u>-</u>			
Add/Replaced L	.ock:	Add/l	Replaced Plug	3 :		Add/Replaced	Bolt:	



Site Address: 800 Center Street Event Date: 5-8-09 (inclus	ive)
City: Oakland, CA Sampler:	
Well Diameter Volume 3/4"= 0.02 Factor (VF) 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80 Depth to Water Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Peristaltic Pump Grundfos Peristaltic Pump QED Bladder Pump Other: Date Monitored: 3-8-09 Volume 3/4"= 0.02 4"= 0.04 2"= 0.17 3"= 0.38 Factor (VF) 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80 Time Started: Time Completed: (24) Time Started: (24) Time Starte	00 hrs) ft ft ft
Start Time (purge): 1017 Weather Conditions: Clean Sample Time/Date: 1045 1 5 - 8 - 9 Water Color: Tan Odor: Y 1 N Od	
LABORATORY INFORMATION	·
SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW-	
Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:	<u> </u>



Client/Facility#:	Chevron #20	06145		Job N	lumber:	386492			
Site Address:	800 Center S	Street		 Even	t Date:	5-8	3-09		(inclusive)
City:	Oakland, CA			— Samp	oler:	5	H		,
Well ID	MW-6	_		Date Mo	nitored:	5-8	-09		
Well Diameter	2 ir	<u>.</u>	V	olume	3/4"= 0.0	2 1"= 0.04	2"= 0.17	3"= 0.38	
Total Depth	15.20 ft		F	actor (VF)	4"= 0.6		6"= 1.50	12"= 5.80	
Depth to Water	7.32 ft		check if water co						
	7.88	_xVF	·17=_1.3°				ge Volume:_ _		gal.
Depth to Water	w/ 80% Recharge	€ [(Height of V	Vater Column x 0.3	20) + DTWJ: _	890	> Time S			(0.400.)
Purge Equipment:		6	omeline Faulant	4-		Time St	arted: ompleted:		(2400 hrs (2400 hrs
Disposable Bailer	V		ampling Equipme isposable Bailer	ent:		Depth to	Product:		ft
Stainless Steel Baile	, — 		ressure Bailer	— ×	_		Water:		
Stack Pump			iscrete Bailer				rbon Thickne		ft
Suction Pump			eristaltic Pump			Visual C	onfirmation/D	escription:	
Grundfos			ED Bladder Pump			Skimme	r / Absorbant	Sock (circle	one)
Peristaltic Pump			ther:			Amt Rer	noved from S	kimmer:	ga
QED Bladder Pump		Ŭ		· · · · · · · · · · · · · · · · · · ·			noved from W emoved:		
Other:							emovea: Transferred to	····	
						7.704461	Transience to		
Approx. Flow Ra Did well de-wate Time (2400 hr.)		gpm. yes, Time: pH 6-13 6-21 6-26	Conductivity (µmhos/cm - 1/86) Tak pe		Joqint gal. DTW @ D.O. (mg/L)	C	DRP mv)	36
			LABORATORY	INFORM	TION				······································
SAMPLEJD	(#) CONTAINER	REFRIG.	PRESERV. TY		RATORY		ANALY	SES	
MW(O	3 voa vial	YES	HCL			TPH-GRO(80			
	x voa vial	YES	HCL	LANC	ASTER	TPH-GRO(80°		1)	
	500ml ambers	YES	NP	LANC	ASTER	TPH-DRO w/s	g (8015)		
<u> </u>									
		.							
COMMENTS:									



Client/Facility#: Site Address:	Chevron #2 800 Center			Job Number: Event Date:	386492 5/8/.8	(in all coins)
City:	Oakland, C				2H	(inclusive)
City.	Cakiand, C	<u> </u>		Sampler:	<i>OH</i>	
Well ID	мw-7			Date Monitored:	5/8/05	
Well Diameter	2 i	— n.				011
Total Depth	15.91 f	_ t.	Volu	me 3/4"= 0. or (VF) 4"= 0.		3"= 0.38 12"= 5.80
Depth to Water			ــــــ Check if water colur	nn is less then 0.5	50 ft	
,	6.88				= Estimated Purge Volume: 3	.56 gal.
Depth to Water		_	Water Column x 0.20)		_	gai.
	u, co, a recentary	o į(noight or t	vater Coldini x 0.20)	, Divvj	Time Started:	(2400 hrs)
Purge Equipment:		s	Sampling Equipment	:	Time Completed:	
Disposable Bailer	×	0	Disposable Bailer	X	Depth to Product:	
Stainless Steel Baile	r	P	Pressure Bailer		Depth to Water: Hydrocarbon Thicknes	
Stack Pump		C	Discrete Bailer		Visual Confirmation/De	
Suction Pump		Р	Peristaltic Pump			
Grundfos		C	ED Bladder Pump		Skimmer / Absorbant S	
Peristaltic Pump		C	Other:		Amt Removed from St Amt Removed from W	kimmer: gal
QED Bladder Pump					Water Removed:	ell: gal
Other:					Product Transferred to	:
Start Time (purge Sample Time/Da Approx. Flow Ra Did well de-wate	te: 0856 /	SIBIOS gpm. fyes, Time	Weather Co Water Color Sediment D	escription:	Odor: Y / 6	10.15
Time (2400 hr.)	Volume (gal.)	рН	Conductivity (µmhos/cm - µS)	Temperature		PRP nV)
0833	1.25	7.68	362	19.2		
0836	2.5	7.63	389	19.0		
0839	33	7-49	410	18.8		
SAMPLE ID	(#) CONTAINER	REFRIG.	LABORATORY II PRESERV. TYPE	LABORATORY	I ANALYO	250
MW- 7	3 x voa via		HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTI	
	x voa via		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	
	2 x 500ml ambers		NP NP	LANCASTER	TPH-DRO w/sg (8015)	.,
					<u> </u>	2
COMMENTS:						
Add/Replaced L	ock:	/hbA	Replaced Plug		Add/Replaced Bolt:	



ON Recharge [xVF C (Height of V S D P Q Q	Volu Fact Check if water coluin to the column x 0.20 Water Column x 0.20 Sampling Equipment Disposable Bailer Pressure Bailer Discrete Bailer Peristaltic Pump RED Bladder Pump Other: Weather Colo	or (VF) 4"= 0.6 mn is less then 0.5 x3 case volume = 0.5 + DTW]:	Time Started: Time Complete Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Removed	act: r: hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
MW-8 2 in. 9.03 ft. 8,19 ft. 11.84 0% Recharge [XVF	Check if water column in the c	Date Monitored: me 3/4"= 0.0 or (VF) 4"= 0.6 mn is less then 0.5 x3 case volume = + DTWJ:	2 1"= 0.04 2"= 66 5"= 1.02 6"= 0 ft. Estimated Purge Volution Time Started: Time Complete Depth to Product Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Removed Water Removed Product Transf	gal. (240 ed: (240 unct: r: hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
2 in. 9.03 ft. 8,19 ft. 11.84 0% Recharge [XVF	Check if water column in the c	me 3/4"= 0.0 or (VF) 4"= 0.6 mn is less then 0.5	Time Started: Time Started: Time Complete Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	gal. (240 ed: (240 unct: r: hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
0.03 ft. 8,19 ft. 11.84) 0% Recharge [XVF	Check if water column in the c	or (VF) 4"= 0.6 mn is less then 0.5 x3 case volume = 0.5 + DTW]:	Time Started: Time Started: Time Complete Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	gal. (240 ed: (240 unct: r: hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
8,19 ft. 11.84)% Recharge [XVF	Check if water column in the c	or (VF) 4"= 0.6 mn is less then 0.5 x3 case volume = 0.5 + DTW]:	Time Started: Time Started: Time Complete Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	gal. (240 ed: (240 unct: r: hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
20% Recharge [XVF	Water Column x 0.20) Bampling Equipment Disposable Bailer Pressure Bailer Discrete Bailer Peristaltic Pump DED Bladder Pump Dither: Weather Co	x3 case volume = + DTWJ: 10.5	Time Started: Time Complete Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	(240 ed: (240 uct: r: 'hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
ON Recharge [(Height of V	Water Column x 0.20) Sampling Equipment Disposable Bailer Pressure Bailer Discrete Bailer Peristaltic Pump Dither: Weather Co	onditions:	Time Started: Time Complete Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	(240 ed: (240 uct: r: 'hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
5 8 Ohr 5	D P Q Q	Disposable Bailer Pressure Bailer Discrete Bailer Peristaltic Pump DED Bladder Pump Other:	onditions:	Time Complete Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	ed:(240 uct: r: Thickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well: ed:
5 8 Ohr 5	D P Q Q	Disposable Bailer Pressure Bailer Discrete Bailer Peristaltic Pump DED Bladder Pump Other:	onditions:	Depth to Produ Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	act: r: hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
5 8 Ohr 5	P D P Q O	Pressure Bailer Discrete Bailer Peristaltic Pump RED Bladder Pump Other: Weather Co	,	Depth to Wate Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	r:
5 8 Ohr 5	D P Q O	Discrete Bailer Peristaltic Pump RED Bladder Pump Other: Weather Co	,	Hydrocarbon T Visual Confirm Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	hickness: ation/Description: orbant Sock (circle one) from Skimmer: from Well:
5 8 Ohr 5	P. Q. O	Peristaltic Pump RED Bladder Pump Other: Weather Co	,	Skimmer / Abs Amt Removed Amt Removed Water Remove Product Transf	ation/Description: orbant Sock (circle one) from Skimmer: from Well:
5 8 Ohr 5	0	RED Bladder Pump Other: Weather Co	,	Amt Removed Amt Removed Water Remove Product Transf	from Skimmer: from Well: ed:
5 8 Ohr 5	-8-09	Weather Co	,	Amt Removed Amt Removed Water Remove Product Transf	from Skimmer: from Well: ed:
5 8 Ohr 5	7-8-09	Weather Co	,	Amt Removed Water Remove Product Transf	from Well:ed:
5 8 Ohr 5	7-8-09		,	Water Remove Product Transf	ed:
5 8 Ohr 5	7-8-09		,	Product Transf	
5 8 Ohr 5	-8-cq		,	Clow	
olume (gal.)	gpm. res, Time: pH 813	Sediment D Conductivity (µmhos/cm - µs)	_	gal. DTW @ San D.O. (mg/L)	ORP (mV)
6.5	791	217	19.5		
CONTAINER	REFRIG.			T	NALYSES
3x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTI	
x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTI	
500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sg (801	
_	2 6.5 CONTAINER 3 x voa vial x voa vial	2 8:1.3 7-48 7-48 7-41 CONTAINER REFRIG. 3 x voa vial YES x voa vial YES	2 8,13 205 2 7,43 213 2 7,43 217 2 7,43 217 2 7,43 217 2 7,43 217 2 7,43 217 2 7,43 217 3 2 7,43 217 4 7,43 217 5 7,41 217 6 7 7,43 217 7 7 7 7 7 7 7 8 7 7 9 7 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7 10 7	Container Refrig. PRESERV. TYPE LABORATORY LANCASTER X voa vial YES HCL LANCASTER LANCASTER	Container Refrig. Preserv. Type Laboratory Laboratory Laboratory Laboratory Laboratory X voa vial YES HCL Lancaster TPH-GRO(8015)/BTI X voa vial YES HCL Lancaster TPH-GRO(8015)/BTI TPH-GR



Client/Facility#	Chevron #2	06145		Job Number:	386492	
Site Address:	800 Center	Street		Event Date:	5/8/0	f (inclusive)
City:	Oakland, CA	1	, ,	Sampler:	JH	(
Well ID	MW- 9	<u>-</u>		Date Monitored:	5/8/0	<u> </u>
Well Diameter		_ n.	1/-1			
Total Depth	38,28 f	-	Volu Fact	ime $3/4"= 0$. for (VF) $4"= 0$.	_	: 0.17 3"≈ 0.38 1.50 12"= 5.80
Depth to Water			 Check if water colu			
	29.97		7 = 5.68	case volume:	- Estimated Burge Vol	ume: 15.28 gal.
Depth to Water	w/ 80% Recharge	- ^ · · · · · · · · · · · · · · · · · ·	Water Column v 0 20	_ X3 case volume .	- Estimated Furge Voll	ume:gai.
	00,01,00,1419	o į(i loigiit oi	VValci Colailii x 0.20	7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Time Started:	(2400 hrs)
Purge Equipment:			Sampling Equipmen	t:	Time Complete	ed:(2400 hrs)
Disposable Bailer			Disposable Bailer	×	Depth to Produ	ict:ft
Stainless Steel Baile	er	F	Pressure Bailer		Hydrocarbon T	r:ft 'hickness:ft
Stack Pump		ľ	Discrete Bailer			ation/Description:
Suction Pump		F	Peristaltic Pump			· · · · · · · · · · · · · · · · · · ·
Grundfos			QED Bladder Pump		Skimmer / Abs	orbant Sock (circle one)
Peristaltic Pump		C	Other:		Amt Removed	from Skimmer: gal from Well: gal
QED Bladder Pump					Water Remove	d:
Other:					Product Transf	erred to:
Sample Time/Da Approx. Flow Ra Did well de-wate Time (2400 hr.) OGIO OGIST OG20	ate:	5/8/09 gpm. yes, Time pH 7.00 6.94 6.93	Water Colo Sediment D Conductivity (µmhos/cm -µs) 527 550 634	• —	gal. DTW @ San	ORP (mV)
			LABORATORY I	NFORMATION		
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE			NALYSES
MW- G	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTE	
<u> </u>	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTE	
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sg (801	5)
COMMENTS:						
Add/Replaced I	Lock:	Add/	Replaced Plug: _		Add/Replaced Bo	olt:



Client/Facility#:	Chevron #2	06145		Job Number:	386492	
Site Address:	800 Center	Street		Event Date:	5/8/09	(inclusive)
City:	Oakland, CA	1		Sampler:	34	
Well ID	MW-10			Date Monitored	5/8/09	
Well Diameter		<u>ı.</u>	Volum	ne 3/4"= 0.	02 1"= 0.04 2"= 0.17	3"= 0.38
Total Depth	57.62 ft		Factor	r (VF) 4"= 0.	66 5"= 1.02 6"= 1.50	12"= 5.80
Depth to Water	9.03 ft	ALL PROPERTY.	Check if water colum			
	48.59		17 = 8.26		= Estimated Purge Volume:_	24.78 gal.
Depth to Water	w/ 80% Recharge	e [(Height o	f Water Column x 0.20) -	+ DTW]: 18.74		
					Time Started:	
Purge Equipment:			Sampling Equipment:		Time Completed:	(2400 hrs)
Disposable Bailer			Disposable Bailer	<u> </u>	Depth to Water:	
Stainless Steel Baile	r		Pressure Bailer		Hydrocarbon Thickne	
Stack Pump	<u> </u>		Discrete Bailer		Visual Confirmation/D	Description:
Suction Pump			Peristaltic Pump		Skimmer / Absorbant	Sock (circle are)
Grundfos			QED Bladder Pump			Skimmer: gal
Peristaltic Pump QED Bladder Pump			Other:		Amt Removed from V	Vell:gal
Other:					Water Removed:	
Other.					Product Transferred t	0:
O4 4 7"						
Start Time (purge			Weather Cor		Clear	
Sample Time/Da		5/8/09	Water Color:		_Odor: Y / 🗗	<u> </u>
Approx. Flow Ra		gpm.	Sediment De	scription: ' _	1000	
Did well de-water	r? <u>W</u>	yes, Tim	e: Volur	ne:	gal. DTW @ Sampling	10.47
Time	Volume (gal.)	pН	Conductivity	Temperature	D.O.	ORP
(2400 hr.)	volume (gai.)	_	(µmhos/cm - (S)	(© / F)	(mg/L)	(mV)
0954	8	7.13	537	19.8		
0958	\$ /L	7.02	560	19.6		
1003	25	6.94	582	19,1		
						
			LABORATORY IN	EODMATION		
SAMPLE ID	(#) CONTAINER	REFRIG.		LABORATORY	ANALY	SES
MW-10	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+M1	
L	A VUA VIAI					
	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
		YES YES				21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
COMMENTS:	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)
	3 x voa vial		HCL	LANCASTER	TPH-GRO(8015)/BTEX(802	21)



Client/Facility#:	Chevron #2	06145		Job	Number:	386492	
Site Address:	800 Center	Street		Eve	nt Date:	5/8/09	(inclusive)
City:	Oakland, CA	1		Sam	pler:	J.)	()
Well ID	MW-			Date M	onitored:	5/8/05	
Well Diameter		— 1.					
Total Depth	38.78 ft	_		Volume Factor (VF)	3/4"= 0.03 4"= 0.66		= 0.17
Depth to Water		- —	Check if water				
	30.22	- Committee	17 = 5.			Fstimated Purge Vol	ume: 15.4/ gal.
Depth to Water	w/ 80% Recharge						ume. gai.
	oo /o i toona.g	o i(i loight o	TVUICE COLUMN X	. 0.20) . 0144].		Time Started:	(2400 hrs)
Purge Equipment:			Sampling Equip	ment:			ed:(2400 hrs
Disposable Bailer			Disposable Baile	r 🗡			uct:ft er: ft
Stainless Steel Baile	er		Pressure Bailer			Hydrocarbon 1	
Stack Pump			Discrete Bailer	41		H -	nation/Description:
Suction Pump			Peristaltic Pump			Skimmer / Abe	sorbant Sock (circle one)
Grundfos			QED Bladder Pui	mp			from Skimmer: gal
Peristaltic Pump QED Bladder Pump			Other:			Amt Removed	from Well: gal
Other:						Water Remove	
						Troduct Trails	leneu (b
Start Time /purg	o): 40 b		10/0-045	on Oom dikin		Clean	
Start Time (purge Sample Time/Da		clola		er Conditions	/ ,		
•		5/8/09		Color:		Odor: Y / N	
Approx. Flow Ra		_gpm		ent Description		11647	26 15
Did well de-wate	r? If	yes, I im	e:	Volume:	9	gal. DTW @ Sar	npling: _/6./7
Time (2400 hr.)	Volume (gal.)	рН	Conductivit		erature	D.O.	ORP
`.	_	7 2 2	(µmhos/cm -	0	/ F)	(mg/L)	(mV)
1215	- 5	1.75	437		-8-		
1225	- 10	7-07	481	<u> 20.</u>			
120		6. 77	502				
							
			LABORATO	RY INFORM	ATION		
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV.		RATORY		ANALYSES
MW-	x voa vial		HCL			TPH-GRO(8015)/BT	
	x voa vial x 500ml ambers	YES YES	HCL NP			TPH-GRO(8015)/BT TPH-DRO w/sg (801	
	2 x 500mi ambers	153	NP NP	LAN	CASTER	1PH-DRO W/sg (801	5)
-			 				
							
COMMENTS:						77.	
				· · · · · · · · · · · · · · · · · · ·			
Add/Replaced I	Lock:	Add	l/Replaced Plu	ug:	<u>2</u> 4	Add/Replaced B	olt:



Client/Facility#: Site Address: City:	Chevron #20 800 Center S Oakland, CA	Street		_ Job Number: _ Event Date: Sampler:	386492 5/8/09 JH	(inclusive)
Well ID	MW-12	_		Date Monitored:	5/8/09	
Well Diameter	2 in	-		lume 3/4"= 0.	02 1"= 0.04 2"= 0.17	3"= 0.38
Total Depth	55.54 ft.		Fac	ctor (VF) 4"= 0.0	56 5"= 1.02 6"= 1.50 12	2"= 5.80
Depth to Water	9-80 ft.			umn is less then 0.5		
	46.12	xVF	<u>7 </u>	x3 case volume =	= Estimated Purge Volume: 23	<u> </u>
Depth to Water	w/ 80% Recharge	(Height of	Water Column x 0.2	0) + DTWJ: <u>19.04</u>		
				•	Time Started:	(2400 hrs)
Purge Equipment:		S	Sampling Equipme	nt:	Time Completed: Depth to Product:	(2400 hrs)
Disposable Bailer			Disposable Bailer		Depth to Water:	ft
Stainless Steel Baile	er	F	Pressure Bailer		Hydrocarbon Thickness:	ft
Stack Pump	X		Discrete Bailer		Visual Confirmation/Desc	cription:
Suction Pump			eristaltic Pump		Skimmer / Absorbant Soc	ala (aiaala a.a.)
Grundfos		_	ED Bladder Pump		Amt Removed from Skim	
Peristaltic Pump		C	Other:		Amt Removed from Well:	gal
QED Bladder Pump					Water Removed:	
Other:					Product Transferred to:_	
Start Time (purge Sample Time/Da Approx. Flow Ra Did well de-wate (2400 hr.)	te: <u>1345</u> /	gpm. yes, Time pH 7-31 7-20 7-05	Sediment	or: Class Description: lume: Temperature	Odor: Y / M	•
			LABORATORY	INFORMATION		
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYP		ANALYSES	
MW- 12	x voa vial X voa vial	YES YES	HCL HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE	(8021)
	2 x 500ml ambers	YES	NP	LANCASTER LANCASTER	TPH-GRO(8015)/BTEX(8021) TPH-DRO w/sg (8015)	
	Z X GGGIIII GIIIDGIG	120		LANCASTER	11 11-DITO Wisg (0015)	
	-					
COMMENTS:		-				
Add/Replaced I	ock.	Δdd/	Replaced Plug:	<u> </u>	Add/Penlaced Bolt	



Client/Facility#:	Chevron #20	6145		Job	Number:	386492		
Site Address:	800 Center S	Street		— Eve	nt Date:	5/8/0	'n	– (inclusive)
City:	Oakland, CA	1		Sam	npler:	3)+		_ (,
Well ID	MW-73			Date M	onitored:	5/8/	109	
Well Diameter	2 in	.	Γ	Volume	3/4"= 0.0	2 1"= 0.04	2"= 0.17 3"= 0.3	<u> </u>
Total Depth	39.30 ft.	-		Factor (VF)	4"= 0.66		"= 1.50 12"= 5.8	-
Depth to Water	8.50 ft.		Check if water o	column is les	s then 0.50) ft.		
	30.80	xVF 1	7 = 5.2	3 x3 ca	se volume =	Estimated Purge V	olume: 15.70	gal.
Depth to Water	w/ 80% Recharge	= [(Height of \	Nater Column x (
						Time Started	d: eted:	(2400 hrs)
Purge Equipment:			sampling Equipr		,		oduct:	
Disposable Bailer			Disposable Bailer	>	<u> </u>		iter:	
Stainless Steel Baile	r		ressure Bailer				Thickness:	ft
Stack Pump			Discrete Bailer			Visual Confi	rmation/Description	n:
Suction Pump Grundfos			eristaltic Pump			Skimmer / A	bsorbant Sock (circ	de one)
Peristaltic Pump			ED Bladder Pum			Amt Remove	ed from Skimmer:_	gal
QED Bladder Pump		C	ther:	<u></u>		Amt Remove	ed from Well:	gal
Other:						Water Remo		
Other.						Product Trai	nsferred to:	
Ohart Time (1 1 1	,				ela:		
Start Time (purge		-lat		r Condition	—	clear	<u> </u>	
Sample Time/Da		5/Blog		color: _c/		Odor: Y /		
Approx. Flow Ra		gpm.		nt Descripti		1762		
Did well de-water	r? <u> </u> If	yes, Time	:	Volume:	9	gal. DTW @ Sa	ampling: <i>]0</i>	<u>-20</u>
Time (2400 hr.)	Volume (gal.)	рН	Conductivity		perature / F)	D.O.	ORP	
` ,	_	7.0	(μmhos/cm - Δ		-	(mg/L)	(mV)	
1045		7.63	345		9.9			
1050	10	6.44	420		2.4			
1055	15	6.87	439		7			
								•
			LABORATOR	Y INFORM	IATION			
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. T		DRATORY		ANALYSES	
MW- 1 2	x voa vial	YES	HCL	LAN	CASTER	TPH-GRO(8015)/E	STEX+MTBE(8021)	
, ,	3 x voa vial	YES	HCL	LAN	CASTER	TPH-GRO(8015)/E		
	2_x 500ml ambers	YES	NP	LAN	CASTER	TPH-DRO w/sg (8	015)	
								
			 					———
		•	<u> </u>				· · · · · · · · · · · · · · · · · · ·	
COMMENTS:								
Add/Replaced L	ock:	Add/	Replaced Plu	a:		Add/Replaced	Bolt:	



Client/Facility#:	Chevron #2	06145		Job Number:	386492	
Site Address:	800 Center	Street		Event Date:	5/8/09	(inclusive)
City:	Oakland, CA	\		Sampler:	3))	(()
Well ID	MW- 14			Date Monitored:	5/8/05	
Well Diameter	2 ir	_).	761			
Total Depth	56.37 ft	-	Volu Fact	me $3/4$ "= 0. or (VF) 4 "= 0.		3"= 0.38 12"= 5.80
Depth to Water	10.58 ft	5.00 miles (10.00 miles	 Check if water colu			
,	45.79				= Estimated Purge Volume:	27.35 and
Depth to Water			Water Column x 0.20)			— 3 — gai.
		, in the second	viale: Column x 0.20)	. Divvj	Time Started:	(2400 hrs)
Purge Equipment:		8	Sampling Equipment		Time Completed:	(2400 hrs)
Disposable Bailer		Г	Disposable Bailer	X	Depth to Product: Depth to Water:	ft
Stainless Steel Baile	г	F	Pressure Bailer		Hydrocarbon Thickne	
Stack Pump			Discrete Bailer		Visual Confirmation/I	
Suction Pump		F	Peristaltic Pump		<u> </u>	•
Grundfos		C	QED Bladder Pump		Skimmer / Absorbant	Sock (circle one) Skimmer: gal
Peristaltic Pump		C	Other:		Amt Removed from V	Vell:gal
QED Bladder Pump					Water Removed:	
Other:	·····				Product Transferred	0:
Start Time (purge Sample Time/Da Approx. Flow Ra Did well de-water Time (2400 hr.)	te: 1145 / .	gpm. yes, Time pH 7.23 7.05	Weather Co Water Color Sediment D Conductivity (µmhos/cm - (S)	escription:	D.O.	g: _/3.07 ORP (mV)
		6.70	762			
						
			LABORATORY II	NFORMATION		
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE			
MW- J4	x voa vial x voa vial	YES YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MT	
	2 x 500ml ambers	YES	HCL NP	LANCASTER LANCASTER	TPH-GRO(8015)/BTEX(802 TPH-DRO w/sg (8015)	(1)
	3 × Oddini ambers	120	141	LANCASTER	11 11-DICO W/sg (8015)	
-						
		_				
COMMENTS:						
Add/Replaced L	ock:	Add/	Replaced Plug		Add/Replaced Bolt:	



Client/Facility#:	Chevron #20	06145		Job	Number:	386492		
Site Address:	800 Center S	Street		— Ev	ent Date:	5-8-0	9	inclusive)
City:	Oakland, CA						(inclusive)
City.	Oaklailu, CA	1		Sai	mpler:	3 #-		
Well ID	MW-15			Date I	/lonitored:	5-8-0	9	
Well Diameter	2 in	 .	Г	Volume	3/4"= 0.0		#- 0.47 3H 0.00	
Total Depth	35.20 ft	-	ļ	Factor (VF)	4"= 0.6		"= 0.17 3"= 0.38 = 1.50 12"= 5.80	
Depth to Water	8.36 ft		ے Check if water o	column is le	ss then 0.50) ft		
	20.00	xVF ·	art a			Estimated Purge Vo	olume: 12	gal.
Depth to Water	w/ 80% Recharge	(Height of \	Water Column x	0.20) + DTW	1373	5 Table 1 tilge 10	Sidiffic.	gai.
•	3				· 	Time Started		
Purge Equipment:		S	ampling Equipr	nent:			eted:	
Disposable Bailer	12	D	Disposable Bailer			Depth to Pro	duct:	ft
Stainless Steel Baile	r	Р	ressure Bailer	-	-		ter: Thickness:	
Stack Pump		D	iscrete Bailer				mation/Description:	ft
Suction Pump			eristaltic Pump			Visual Collins	mation/Description.	
Grundfos			ED Bladder Pum	nn ——		Skimmer / At	sorbant Sock (circle	one)
Peristaltic Pump			ther:			Amt Remove	d from Skimmer:	gal
QED Bladder Pump		•					d from Well:	gal
Other:						Water Remov		
Other.						Product Trans	sferred to:	
Start Time (purge Sample Time/Da Approx. Flow Rat Did well de-water (2400 hr.)	te: <u>1300 / .</u> ; te: <u>2</u>	gpm.	Water C Sedime	is) (C	tion:	Odor: Y (N) Light gal. DTW @ Sa D.O. (mg/L)	ORP (mV)	2/
			LABORATOR	V INFOR	MATION		·	
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. T		ORATORY	<u> </u>	ANALYSES	7
MW- 15	x voa vial	YES	HCL		NCASTER	TPH-GRO(8015)/B		
	5 x voa vial	YES	HCL		NCASTER	TPH-GRO(8015)/B		
	₹ 500ml ambers	YES	NP	LA	NCASTER	TPH-DRO w/sg (80	15)	
	_							
COMMENTS:				1				
Add/Replaced L	ock:		Replaced Plu	a.		Add/Replaced 5	3olt:	



Client/Facility#:	Chevron #20	06145		Job	Number:	386492		
Site Address:	800 Center S	Street		Eve	nt Date:	5-8-0	9	(inclusive)
City:	Oakland, CA	\		Sam	npler:	SH		`
Well ID	MW-16			Date M	lonitored:	5-8	-09	
Well Diameter	2 ir	<u>).</u>		Volume	3/4"= 0.0	2 1"= 0.04	2"= 0.17 3"= (138
Total Depth	5961 ft			Factor (VF)	4"= 0.6		6"= 1.50 12"= 5	·
Depth to Water	9.65 ft		Check if water					
	49.96	xVF	17= 8	149 x3 ca	se volume =	Estimated Purg	e Volume:	gal.
Depth to Water	w/ 80% Recharge	= (Height of)	Nater Column x		96	4		94
•	J	5				` Time Sta		(2400 hrs)
Purge Equipment:		S	ampling Equip	ment:			npleted:	
Disposable Bailer		0	isposable Baile	r 🗸	•		Product: Water:	
Stainless Steel Baile	er	F	ressure Bailer				bon Thickness:	ft ft
Stack Pump	×		iscrete Bailer				onfirmation/Descript	
Suction Pump		F	eristaltic Pump			ļ		
Grundfos		C	ED Bladder Pur	mp			/ Absorbant Sock (d	
Peristaltic Pump		C	other:			Amt Rem	oved from Skimmer oved from Well:	gal gal
QED Bladder Pump						Water Re		gui
Other:						Product T	ransferred to:	
Sample Time/Da Approx. Flow Ra Did well de-wate Time (2400 hr.) 1327 1332 1336	ite:	gpm. yes, Time pH 7-38 7-29 7-26	Sedime	2 X / X	on:	Odor: Y 1 (Lv q/w t- gal. DTW @ D.O. (mg/L)		10,93
			LABORATO	RY INFORM	IATION			
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV.		ORATORY		ANALYSES	
MW-16	x voa vial	YES	HCL		CASTER		5)/BTEX+MTBE(802	21)
	グ x voa vial	YES	HCL		CASTER	TPH-GRO(801		
	500ml ambers	YES	NP	LAN	CASTER	TPH-DRO w/sg	(8015)	
								
								
			†					
COMMENTS:								
Add/Replaced I	Lock:	Add/	Replaced Plu	ug:		Add/Replace	ed Bolt:	



Client/Facility#:	Chevron #20	06145		Job	Number:	386492		
Site Address:	800 Center S	Street		Eve	nt Date:	5-8-0	9	(inclusive)
City:	Oakland, CA	\		San	npler:	5H		
Well ID	MW-17	,		Date M	lonitored:	5-8-0	9	
Well Diameter	2 in	-).	Γ,	Volume	3/4"= 0.0		· · · · · · · · · · · · · · · · · · ·	3"= 0.38
Total Depth	71-24 ft	-		Factor (VF)	4"= 0.6			2"= 5.80
Depth to Water	9.76 ft		ـــ heck if water c					
	61.48	xVF	7= 10	145 x3 ca	se volume =	Estimated Purg	e Volume:	32 _{gal.}
Depth to Water	w/ 80% Recharge	- ● [(Height of V	Vater Column x 0).20) + DTW]:	22-0	Time Sta		
Purge Equipment:		S	ampling Equipn	nent:			nted: mpleted:	
Disposable Bailer			isposable Bailer	nont.	1			ft
Stainless Steel Bailer	r		ressure Bailer		X		Water:	
Stack Pump			iscrete Bailer		`		rbon Thickness: onfirmation/Des	
Suction Pump			eristaltic Pump			Visual Ci	Jimmallon/Des	arption.
Grundfos			ED Bladder Pum	D			/ Absorbant So	
Peristaltic Pump			ther:			Amt Ren	noved from Skim	mer: gal
QED Bladder Pump							ioved from vveil emoved:	gal
Other:							ransferred to:_	
Start Time (purge): B 141	 7	Weather	r Condition	s:	Clow		
Sample Time/Da	te: 1500 / a	5-8-09	Water C	olor: <u></u>	eur -	Odor: Y /	NO	· · · · · · · · · · · · · · · · · · ·
Approx. Flow Ra		gpm.		nt Descripti		lught		
Did well de-water		•		/olume:			Sampling:	12-43
Time	Volume (gal.)	pН	Conductivity		perature	D.O.	ORI	
(2400 hr.)		4.40	(µmhos/cm µ			(mg/L)	(mV)
1423		6.99	536		9.3			<u>.</u>
1429	22	7.03	521		20-1			
1434	32	689	517		20.3		0	
							_	
04401510	(#) CONTAINED		LABORATOR					
SAMPLE ID MW-//	(#) CONTAINER x voa vial	REFRIG. YES	PRESERV. T		ORATORY	TPH_CPC/904	ANALYSE 5)/BTEX+MTBE	
IVIVV-//	5 x voa vial	YES	HCL		ICASTER ICASTER		5)/BTEX(8021)	(0021)
	500ml ambers	YES	NP.		ICASTER	TPH-DRO w/sg		
					TOTOTER		, (50.0)	
COMMENTS:								
Add/Replaced L	.ock:	Add/l	Replaced Plug	g:		Add/Replac	ed Bolt:	

Chevron California Region Analysis Request/Chain of Custody

Acct. #: 10904 Sample #5 1069293 - 10

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	200		-	
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85 1189-81 P.10F2

e. Education (C)	11807	you filter					-	- total	75.00	-						$\langle \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		
	The sales				201				Ana	alyse	s Rec	ques	ted			1 Group	井川	449
Facility #: SS#206145-OML G-R#38649	2 Global ID	₽T0600102230		Matrix	,	-	LAC		Pre	serv	tion					Preserva		- DidleOwk
Site Address 800 CENTER STREET, OAKL	AND, CA					1	A		+	+-			19	-	_		T = Thic	
Chevron PMR Lead	ConsultanCF	RACE			Π.			Barra				- 4				_	B = Na(O = Oth	
Consultant/Office: G-R, Inc., 6747 Sierra Cou	rt, Suite J, I	Dublin, CA 94568	1	8 S	8	M		9					7			☐ J value report	The same of the sa	
Consultant Prj. Mgr. Deanna L. Harding (de	anna@grind	c.com)	1	Potable NPDES	Containem	X		TPH 8015 MOD DRO DE Silica Gel Clearup					202			☐ Must meet lov	vest detec	tion limit
Consultant Phone #925-551-7555		-551-7899						X		g	8		(7)			possible for 82		ounds
Sampler: 54		W1-7893	1		jo se		8015 MOD GRO	8		Method	Method	1	¥			8021 MTBE Con		
Sullipion.		osite		,	Oil 🗆 Air Total Number	置	Ş	뤛	ş	Oxygeneses	pag		a			☐ Confirm highe	-	
	Date	Time a E	-{	ā	Z	3	3015	9015			Ped		4			Confirm all hit		
Sample Identification	Collected	Time a E Collected 5 0	Soli	Water		BTEX	E	Ĕ	8260 full scan	Total Lead	Dissolved Lead	4	Q			Run oxy		
- RA	5-8-09			X	2	X	X	,						1	\neg	Comments / R	amarka	
MW-1A		1430 X	Ш	X	5	X	X	X					18 20					
MN-2		1210 X	Ш	Ϋ́		X	ス	X.					\prod			1 /	\sim	
MW-3		1510 X		X	5	X	X	XI_		\sqcup						lot.	۷ .	
1W-4 MW-5		1130		X	5	K	ΧŢ	X		$\bot \downarrow$	\bot				\Box	•		
MW-6		1045 X	\vdash	``	5	X	X	Χ	\bot	\bot	_	4			_			•
. MW-7		0850 1	H		13	 	K	ХI	╀	+		+	+	+	4			
MW-8		0915 X	\vdash	 	5		7	}	+	1-1	+	-	1	-				
NW-9		0935 V	\Box	X	17	12	री	\	+	+	\dashv		,	+ +	\dashv			
NW-10		1020 X		X	5	1		2	+	† †	\top	K	>	1-1	-1			
NW-11	_	1240 X		K	6		X	K			1	飞	7	+ +	一			
NW-12	<u> </u>	1345 7		X	5		XI:	K	\top			15	?	1 1	\dashv			
correspond Time Requested (TAT) (please cire	•	Relinquished by:	1	-24	A			Dat 5-9-		Time		ceive	yby.	31			SHER	Time
SID. TAT 72 hour 48 hour 24 hour 4 day 5 day		Religioned by	1 1	1/							-	COLUC	d by	2			-	_
July July		an B	11		,	· · · · · ·		Day Silje	9 1	Time 225	a	- 1-	Ž,	land	ح	1111	Date 769	7235
Data Package Options (please circle if required)		Halinquished by:	M	4	1		ام	Pai	e	Time	Rec	I	d by:	7	,		Date	Time
C Summary Type I - Full		Relinquished by (_		Carrier		<u> </u>	שנונו	71/	100	_		4	<u> </u>				
ype VI (Raw Data) Coelt Deliverable not nealing F/EDD UPS F				- Telon	Othe						Hee	eive	PY	. /	γ	_	Date	Time
vir (HWGCB) isk Temperature U				celot		(J-3	ı.				Cur	<u> </u>		-	4		11204	
		оро		~~ br							Lone	KDOY	368IS	intadt?	')	Yes No	- 1	

Group #: 016999

Chevron California Region Analysis Request/Chain of Custody

Facility #: SS#206145-OML G-R#3864						trix	Т.	╀				, ici	7000	Req	пеэн	-	 	Cup#		1-22 75
Site Address OO CENTER STREET, OAK	LAND, CA d Consultante <u>F</u> urt, Suite J, (RACE Dublin, CA com)		8	Potable	1	of Containers		GRO **	TPH 8015 MOD DRO DE SIlica Gel Cleanup			Method	Method				N = HNO ₃ B	= Thio: = NaO = Othe ; needed st detect 0 compo	sulfate)H er d d
ample Identification	Date Collected	Time Collected	-	Composite	Soil	Water Oil Air	1		TPH 8015 MOD G	TPH 8015 MOD D	8260 full scan	Oxygenates	Total Lead Me	Dissolved Lead M				☐ Confirm highest ☐ Confirm all hits b ☐ Run oxy's c ☐ Run oxy's c	y 8260 on highe	est hit
MW-14 MW-15 MW-16 MW-77		1145 1300 1350 1500	X < X < X < X < X < X < X < X < X < X <				5 5 5 5	XXXX		XXXX								20+ 6		
Turnaround Time Requested (TAT) (please of the control of the cont	л · · · · · · · · · · · · · · · · · · ·	Relinqui Relinqui Relinqui	shed i	N. W. C	ommer	A roial Ca	arrier:			51	eate	Tir	00 ne 35	Rec Rec	eived eived	by by	 71	e lira	Date Cate	Time Time /235 Time

Temperature Upon Receipt

Disk

1.6.3.2

Custody Seals Intact

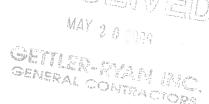


2425 New Holland Pike, PO Box 12425, Lancester, PA 17605-2425 •717-656-2300 Fext 717-656-2681 • www.fancesterlabs.com



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 20, 2009

SAMPLE GROUP

The sample group for this submittal is 1144297. Samples arrived at the laboratory on Tuesday, May 12, 2009. The PO# for this group is 0015039978 and the release number is ROBB.

Lancaster Labs Number
5669293
5669294
5669295
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5669310

METHODOLOGY



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

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

ELECTRONIC COPY TO

CRA c/o Gettler-Ryan

Attn: Cheryl Hansen

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

Respectfully Submitted,

Valerie L. Tomayko Group Leader



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669293

Group No. 1144297

CA

QA-T-090508 NA Water

Facility# 206145 Job# 386492 GRD 800 Center St-Oakland T0600102230 QA

Collected: 05/08/2009

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

800QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-84	6 8015B GC Volati	lles	ug/l	ug/l	
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
SW-84	6 8021B GC Volati	iles	ug/l	ug/l	
02159	Benzene	71-43-2	N.D.	0.5	1
02159	Ethylbenzene	100-41-4	N.D.	0.5	1
02159	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02159	Toluene	108-88-3	N.D.	0.5	1
02159	Total Xylenes	1330-20-7	N.D.	1.5	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				
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1 09134A54A		Carrie E Youtzv	1				
02159	BTEX, MTBE	SW-846 8021B	1 09134A54A		Carrie E Youtzy	1				
01146	GC VOA Water Prep	SW-846 5030B	1 09134A54A	05/14/2009 19:47	Carrie E Youtzy	1				



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669294

Group No. 1144297

CA

MW-1A-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-1A

Collected: 05/08/2009 14:30

by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

8001A

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-84	8015B	GC Volatil	.es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	.es	ug/l	ug/l	
02159	Benzene		71-43-2	N.D.	0.5	1
02159	Ethylbenzene		100-41-4	N.D.	0.5	1
02159	Methyl tert-Butyl E	ther	1634-04-4	N.D.	2.5	1
02159	Toluene		108-88-3	N.D.	0.5	1
02159	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	5 8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	n.a.	1,300	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 Analysis Name Method Trial# Batch# Analysis Analyst Dilution No. Date and Time Factor 01729 TPH-GRO N. CA water C6-C12 SW-846 8015B 1 09134A54A 05/14/2009 21:02 Carrie E Youtzy 02159 BTEX, MTBE SW-846 8021B 1 09134A54A 05/14/2009 21:02 Carrie E Youtzy 1 01146 GC VOA Water Prep SW-846 5030B 09134A54A 05/14/2009 21:02 Carrie E Youtzy 1 06610 TPH-DRO CA C10-C28 w/ Si SW-846 8015B Diane V Do 1 091320032A 05/14/2009 06:40 1 Gel 02376 Extraction - Fuel/TPH SW-846 3510C 1 091320032A 05/13/2009 11:00 Olivia I Santiago (Waters)



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669295

Group No. 1144297

CA

MW-2-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-2

Collected: 05/08/2009 12:10 by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

800M2

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/1	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/1	ug/l	
02159	Benzene		71-43-2	N.D.	0.5	1
02159	Ethylbenzene		100-41-4	N.D.	0.5	1
02159	Methyl tert-Butyl E	ther	1634-04-4	N.D.	2.5	1
02159	Toluene		108-88-3	N.D.	0.5	1
02159	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	n.a.	75	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/14/2009 21:26	Carrie E Youtzy	1
02159	BTEX, MTBE	SW-846 8021B	1	09134A54A	05/14/2009 21:26		1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/14/2009 21:26	Carrie E Youtzy	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009 05:38		1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091320032A	05/13/2009 11:00	Olivia I Santiago	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669296

Group No. 1144297

CA

MW-3-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-3

Collected: 05/08/2009 15:10 by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

800M3

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor			
SW-846	5 8015B	GC Volatil	.es	ug/l	ug/l				
01729	TPH-GRO N. CA water	C6-C12	n.a.	15,000	500	10			
SW-846	8021B	GC Volatil	.es	ug/l	ug/l				
02159	Benzene		71-43-2	88	5.0	10			
02159	Ethylbenzene		100-41-4	2,100	5.0	10			
02159	Methyl tert-Butyl E	ther	1634-04-4	N.D.	250	10			
02159	Toluene		108-88-3	900	5.0	10			
02159	Total Xylenes		1330-20-7	1,400	15	10			
repor prese	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.								
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l				
06610	TPH-DRO CA C10-C28	w/ Si Gel	n.a.	2,900	350	10			

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 Analysis Name Method Trial# Batch# Analysis Analyst Dilution No. Date and Time Factor 01729 TPH-GRO N. CA water C6-C12 SW-846 8015B 1 09134A54A 05/15/2009 05:15 Carrie E Youtzv 10 02159 BTEX, MTBE SW-846 8021B 1 09134A54A 05/15/2009 05:15 Carrie E Youtzy 10 01146 GC VOA Water Prep SW-846 5030B 1 09134A54A 05/15/2009 05:15 Carrie E Youtzy 10 06610 TPH-DRO CA C10-C28 w/ Si SW-846 8015B 1 091320032A 05/14/2009 07:24 Diane V Do 10 Gel 02376 Extraction - Fuel/TPH SW-846 3510C 1 091320032A 05/13/2009 11:00 Olivia I Santiago (Waters)



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Lancaster Laboratories Sample No. WW 5669297

Group No. 1144297

CA

Chevron

MW-4-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-4

Collected: 05/08/2009 11:30

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

6001 Bollinger Canyon Rd L4310

Discard: 06/20/2009

San Ramon CA 94583

800M4

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor		
SW-846	8015B	GC Volatil	.es	ug/l	ug/l			
01729	TPH-GRO N. CA water	C6-C12	n.a.	560	50	1		
SW-846	8021B	GC Volatil	es	ug/l	ug/l			
02159	Benzene		71-43-2	29	0.5	1		
02159	Ethylbenzene		100-41-4	1.2	0.5	1		
02159	Methyl tert-Butyl E	ther	1634-04-4	N.D.	5.0	1		
02159	Toluene		108-88-3	N.D.	0.5	1		
02159	Total Xylenes		1330-20-7	N.D.	1.5	1		
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.								
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l			
06610	TPH-DRO CA C10-C28	w/ Si Gel	n.a.	140	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 Ti	me	Analyst	Dilution Factor		
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/14/2009	22:12	Carrie E Youtzy	1		
02159	BTEX, MTBE	SW-846 8021B	1	09134A54A	05/15/2009	06:25	Carrie E Youtzy	1		
01146	GC VOA Water Prep	SW-846 5030B	2	09134A54A	05/15/2009	06:25	Carrie E Youtzy	1		
01146	GC VOA Water Prep	SW-846 5030B	3	09134A54A	05/14/2009	22:12	Carrie E Youtzv	1		
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009	05:59	Diane V Do	1		
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091320032A	05/13/2009	11:00	Olivia I Santiago	1		



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669298

Group No. 1144297

MW-5-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-5

Collected: 05/08/2009 10:45

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

(Waters)

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

800M5

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	.es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	u g/1	ug/l	
02159	Benzene		71-43-2	N.D.	0.5	1
02159	Ethylbenzene		100-41-4	N.D.	0.5	1
02159	Methyl tert-Butyl E	ther	1634-04-4	N.D.	2.5	1
02159	Toluene		108-88-3	N.D.	0.5	1
02159	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	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 Analysis Name Method Trial# Batch# Analysis Analyst Dilution No. Date and Time Factor 01729 TPH-GRO N. CA water C6-C12 SW-846 8015B 1 09134A54A 05/14/2009 22:36 Carrie E Youtzv 02159 BTEX, MTBE SW-846 8021B 1 09134A54A 05/14/2009 22:36 Carrie E Youtzy 1 01146 GC VOA Water Prep SW-846 5030B 1 09134A54A 05/14/2009 22:36 Carrie E Youtzy 1 SW-846 8015B 06610 TPH-DRO CA C10-C28 w/ Si 1 091320032A 05/14/2009 02:09 Diane V Do 1 Ge1 02376 Extraction - Fuel/TPH SW-846 3510C 1 091320032A 05/13/2009 11:00 Olivia I Santiago



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669299

Group No. 1144297

CA

MW-6-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-6

Collected: 05/08/2009 10:00

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

6001 Bollinger Canyon Rd L4310

Discard: 06/20/2009

San Ramon CA 94583

800M6

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	u g /1	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
02159	Benzene		71-43-2	N.D.	0.5	1
02159	Ethylbenzene		100-41-4	N.D.	0.5	1
02159	Methyl tert-Butyl E	ther	1634-04-4	N.D.	2.5	1
02159	Toluene		108-88-3	N.D.	0.5	1
02159	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extracta	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	•	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ne	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/14/2009	22:59	Carrie E Youtzy	1
02159	BTEX, MTBE	SW-846 8021B	1	09134A54A	05/14/2009	22:59	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/14/2009	22:59	Carrie E Youtzv	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009	05:17	Diane V Do	1
02376	Extraction - Fuel/TPH	SW-846 3510C	1	091320032A	05/13/2009	11:00	Olivia I Santiago	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669300

Group No. 1144297

MW-7-W-090508 Grab Water

Facility# 206145 · Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-7

Collected: 05/08/2009 08:50

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

800M7

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	5 8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
02159	Benzene		71-43-2	N.D.	0.5	1
02159	Ethylbenzene		100-41-4	N.D.	0.5	1
02159	Methyl tert-Butyl Et	her	1634-04-4	N.D.	2.5	1
02159	Toluene		108-88-3	N.D.	0.5	1
02159	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846		GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w	/ Si Gel	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 Ti	me	Analyst	Dilution Factor			
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/14/2009	23:23	Carrie E Youtzy	1			
02159	BTEX, MTBE	SW-846 8021B	1	09134A54A	05/14/2009	23:23	Carrie E Youtzv	1			
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	*. *. *.	23:23	Carrie E Youtzv	1			
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	*. *.	02:30	Diane V Do	1			
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091320032A	05/13/2009	11:00	Olivia I Santiago	1			



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669301

Group No. 1144297

MW-8-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-8

Collected: 05/08/2009 09:15

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

800M8

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
02159	Benzene		71-43-2	N.D.	0.5	1
02159	Ethylbenzene		100-41-4	N.D.	0.5	1
02159	Methyl tert-Butyl E	ther	1634-04-4	N.D.	2.5	1
02159	Toluene		108-88-3	N.D.	0.5	1
02159	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/14/2009 23:47	Carrie E Youtzy	1
02159	BTEX, MTBE	SW-846 8021B	1	09134A54A	05/14/2009 23:47	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/14/2009 23:47	Carrie E Youtzv	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009 02:51	Diane V Do	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091320032A	05/13/2009 11:00	Olivia I Santiago	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669302

Group No. 1144297

MW-9-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-9

Collected: 05/08/2009 09:35 by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

800M9

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volati1	es	ug/l	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/15/2009 00:10	Carrie E Youtzy	1
05879	BTEX	SW-846 8021B	1	09134A54A	05/15/2009 00:10	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/15/2009 00:10	Carrie E Youtzy	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009 03:12	Diane V Do	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091320032A	05/13/2009 11:00	Olivia I Santiago	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669303

Group No. 1144297

CA

MW-10-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-10

Collected: 05/08/2009 10:20

hy SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

(Waters)

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

80010

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/1	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/1	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28 v	w/ Si Gel	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 Analysis Name Method Trial# Batch# Analysis Analyst Dilution No. Date and Time Factor 01729 TPH-GRO N. CA water C6-C12 SW-846 8015B 1 09134A54A 05/15/2009 00:33 Carrie E Youtzy 1 05879 BTEX SW-846 8021B 1 09134A54A 05/15/2009 00:33 Carrie E Youtzy 1 01146 GC VOA Water Prep SW-846 5030B 1 09134A54A 05/15/2009 00:33 Carrie E Youtzy 1 06610 TPH-DRO CA C10-C28 w/ Si SW-846 8015B 1 091320032A 05/14/2009 03:33 Diane V Do 1 Gel 02376 Extraction - Fuel/TPH SW-846 3510C 1 091320032A 05/13/2009 11:00 Olivia I Santiago



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669304

Group No. 1144297

CA

MW-11-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-11

Collected: 05/08/2009 12:40 by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

80011

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/1	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	ī
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extracta	able TPH	ug/1	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/15/2009 01:44	Carrie E Youtzy	1
05879	BTEX	SW-846 8021B	1	09134A54A	05/15/2009 01:44	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/15/2009 01:44		ī
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009 03:53		1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	·1	091320032A	05/13/2009 11:00	Olivia I Santiago	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669305

Group No. 1144297

CA

MW-12-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-12

Collected: 05/08/2009 13:45

by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

80012

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	î
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28		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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/15/2009 0	02:07	Carrie E Youtzy	1
05879	BTEX	SW-846 8021B	1	09134A54A	05/15/2009 0	2:07	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/15/2009 0		Carrie E Youtzy	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009 0		Diane V Do	ī
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091320032A	05/13/2009 1	1:00	Olivia I Santiago	1



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by SH

Page 1 of 1

Dilution

Factor

1

1

Carrie E Youtzy

Lancaster Laboratories Sample No. WW 5669306

Group No. 1144297

CA

MW-13-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-13

Collected: 05/08/2009 11:10

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

05/15/2009 02:31

San Ramon CA 94583

80013

CAT

No.

05879 BTEX

01146 GC VOA Water Prep

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	n.a.	N.D.	50	1

General Sample Comments

09134A54A

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.

SW-846 5030B

Laboratory Chronicle Analysis Name Method Trial# Batch# Analysis Analyst Date and Time 01729 TPH-GRO N. CA water C6-C12 SW-846 8015B 1 09134A54A 05/15/2009 02:31 Carrie E Youtzy SW-846 8021B 1 09134A54A Carrie E Youtzy 05/15/2009 02:31

06610 TPH-DRO CA C10-C28 w/ Si SW-846 8015B 1 091320032A Diane V Do 05/14/2009 04:35 1 02376 Extraction - Fuel/TPH SW-846 3510C 1 091320032A 05/13/2009 11:00 Olivia I Santiago (Waters)



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669307

Group No. 1144297

CA

MW-14-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-14

Collected: 05/08/2009 11:45 by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

80014

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract w/Si Gel	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/15/2009 02:5	4 Carrie E Youtzy	1
05879	BTEX	SW-846 8021B	1	09134A54A	05/15/2009 02:5	4 Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/15/2009 02:5	4 Carrie E Youtzy	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091320032A	05/14/2009 04:5	•	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091320032A	05/13/2009 11:0	0 Olivia I Santiago	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669308

Group No. 1144297

CA

MW-15-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-15

Collected: 05/08/2009 13:00

by SH

Account Number: 10904

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

80015

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extracta	able TPH	ug/l	ug/1	
06610	TPH-DRO CA C10-C28	w/ Si Gel	n.a.	53	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ne	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/15/2009	03:18	Carrie E Youtzy	1
05879	BTEX	SW-846 8021B	1	09134A54A	05/15/2009	03:18	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/15/2009		Carrie E Youtzy	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091340019A	05/15/2009		Diane V Do	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091340019A	05/15/2009	03:00	Roman Kuropatkin	1



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by SH

Page 1 of 1

Lancaster Laboratories Sample No. WW 5669309

Group No. 1144297

CA

MW-16-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-16

Collected: 05/08/2009 13:50

Account Number: 10904

Chevron

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

80016

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/1	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extract	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28 v	•	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/15/2009 03:	41 Carrie E Youtzy	1
05879	BTEX	SW-846 8021B	1	09134A54A	05/15/2009 03:	41 Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/15/2009 03:	-	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091340019A	05/15/2009 13:		1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091340019A	05/15/2009 03:	00 Roman Kuropatkin	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 5669310

Group No. 1144297

C.F

MW-17-W-090508 Grab Water

Facility# 206145 Job# 386492 GRD

800 Center St-Oakland T0600102230 MW-17

Collected: 05/08/2009 15:00 by SH

Submitted: 05/12/2009 09:15

Reported: 05/20/2009 at 13:32

Discard: 06/20/2009

Account Number: 10904

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

80017

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846	8015B	GC Volatil	es	ug/l	ug/l	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
SW-846	8021B	GC Volatil	es	ug/l	ug/l	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1
SW-846	8015B	GC Extracta	able TPH	ug/l	ug/l	
06610	TPH-DRO CA C10-C28	w/ Si Gel	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.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09134A54A	05/15/2009 04:0	Carrie E Youtzy	1
05879	BTEX	SW-846 8021B	1	09134A54A	05/15/2009 04:0	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	09134A54A	05/15/2009 04:04	_	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	091340019A	05/15/2009 14:0	•	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	091340019A	05/15/2009 03:00	Roman Kuropatkin	1



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Page 1 of 3

Quality Control Summary

Client Name: Chevron

Reported: 05/20/09 at 01:32 PM

Group Number: 1144297

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 <u>Result</u>	Blank MDL	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 09134A54A	Sample nu	mber(s):	5669293-56	69310				
Benzene	N.D.	0.5	ug/l	115	110	80-120	4	30
Ethylbenzene	N.D.	0.5	ug/l	110	105	80-120	5	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	90	90	82-124	0	30
Toluene	N.D.	0.5	ug/l	110	105	80-120	5	30
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	127	127	75-135	0	30
Total Xylenes	N.D.	1.5	ug/l	112	108	80-120	3	30
Batch number: 091320032A	Sample nu	mber(s):	5669294-56	69307				
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	64	70	60-124	9	20
Batch number: 091340019A			5669308-56					
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	98	103	60-124	5	20

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 <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG Conc	DUP Conc	DUP RPD	Dup RPD
Batch number: 09134A54A	Sample	number(s)	: 5669293	-566931	0 UNSP	K: 5669299.	5669302		
Benzene	120		70-152			,			
Ethylbenzene	120		75-133						
Methyl tert-Butyl Ether	105		70-134						
Toluene	120		78-129						
TPH-GRO N. CA water C6-C12	127		63-154						
Total Xylenes	117		67-155						

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-DRO CA C10-C28 w/ Si Gel Batch number: 091320032A

Batch number: 091320032A Orthoterphenyl

5669294	111
5669295	110
5669296	97

*- 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.



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Page 2 of 3

Quality Control Summary

	ame: Chevron	Group	Number:	1144297
Reported:	05/20/09 at 01:32	PM .	•	
		Surrogate	Ouality	Control
5669297	104		2	
5669298	110			
5669299	92			
5669300	96			
5669301	104			
5669302	96			
5669303	102			
5669304 5669305	96 97			
5669306	105			
5669307	92			
Blank	89			
LCS	103			
LCSD	110			
Limits:	59-131			
Analysis Na	me: TPH-DRO CA C10-C28 w/	/ Si Gel		
	r: 091340019A			
	Orthoterphenyl			
5669308	126			
5669309	108			
5669310	102			
Blank	105			
LCS	118			
LCSD	124			
Limits:	59-131			
Analysis Nar	me: BTEX, MTBE			
Batch number	r: 09134A54A Trifluorotoluene-F	Emifilmentalmen D		
	IIIIIuorotoidene-F	Trifluorotoluene-P		
5669293	101	115		
5669294	104	115		
5669295	105	117		
5669296	115	131*		
5669297 5669298	105 104	126 114		
5669299	101	115		
5669300	101	116		
5669301	103	116		
5669302	99	116		
5669303	97	114		
5669304	103	119		
5669305	105	119		
5669306 5669307	102 102	119 121		
5669308	103	115		
5669309	103	119		
5669310	103	120		
Blank	107	117		
LCS	109	117		
LCSD	112	116		
MS	106	118		
Limits:	63-135	69-129		

*- 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.



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Page 3 of 3

Quality Control Summary

Client Name: Chevron

Reported: 05/20/09 at 01:32 PM

Group Number: 1144297

Surrogate Quality Control

^{*-} 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
С	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)	Ĭ	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 <u>limit of quantitation</u>, 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:

X,Y,Z

Organic Qualifiers

Defined in case narrative

Inorganic Qualifiers

A B C D E	TIC is a possible aldol-condensation product Analyte was also detected in the blank Pesticide result confirmed by GC/MS Compound quatitated on a diluted sample Concentration exceeds the calibration range of the instrument	B E M N S	Value is <crdl, (msa)="" additions="" amount="" but="" calculation<="" control="" due="" duplicate="" estimated="" for="" injection="" interference="" limits="" met="" method="" not="" of="" precision="" spike="" standard="" th="" to="" used="" within="" ≥idl=""></crdl,>
J	Estimated value	U	Compound was not detected
N	Presumptive evidence of a compound (TICs only)	W	Post digestion spike out of control limits
P	Concentration difference between primary and	*	Duplicate analysis not within control limits
	confirmation columns >25%	+	Correlation coefficient for MSA < 0.995
U	Compound was not detected		

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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