



GETTLER-RYAN INC.

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December 2, 2008

G-R #386956

TO: Ms. Charlotte Evans
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, California 94608
(VIA PDF)

CC: Mr. Ian Robb
Chevron EMC
6111 Bollinger Canyon Road
Room 3612
San Ramon, California 94583
(NO COPY)

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

RE: **Former Texaco Service Station
3810 Broadway
Oakland, California
(Site #211283)
RO 0000056**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	November 20, 2008	Groundwater Monitoring and Sampling Report Third Quarter Event of September 22, 2008 Special Event of November 6, 2008

COMMENTS:

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

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)**

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **December 16, 2008**, at which time this final report will be distributed to the following:

cc: Mr. Joe Zadik, 8255 San Leandro Street, Oakland, CA 94621

Enclosures



November 20, 2008
G-R Job #386956

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

**RE: Third Quarter Event of September 22, 2008
Special Event of November 6, 2008
Groundwater Monitoring & Sampling Report
Former Texaco Service Station
3810 Broadway
Oakland, California
(Site #211283)**

Dear Mr. Robb:

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

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

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

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

Sincerely,

- FOR -

Deanna L. Harding
Project Coordinator

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

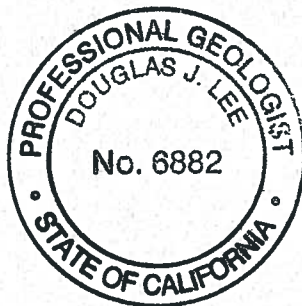


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Field Measurements
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

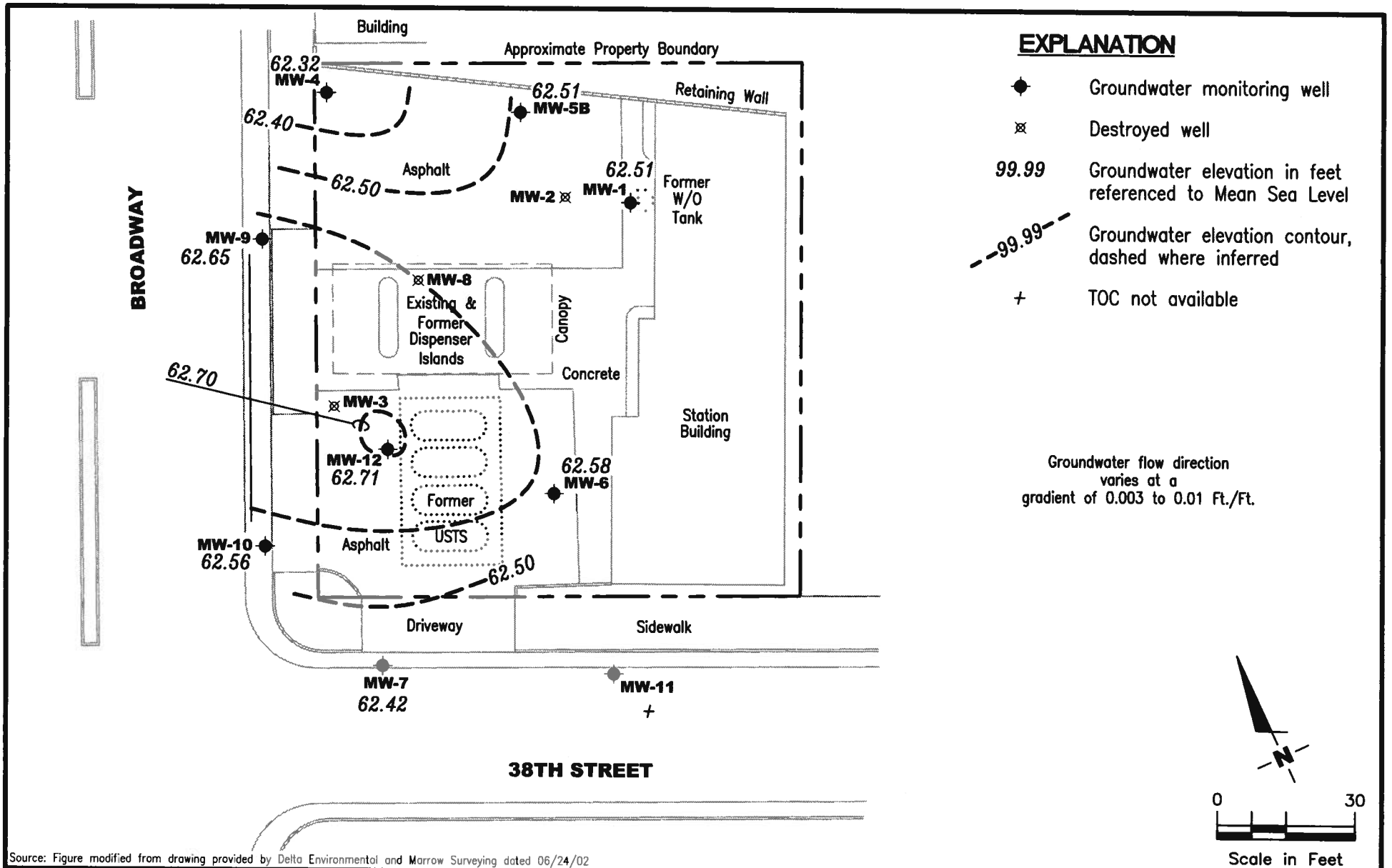
WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job # 386956
 Event Date: 11/06/2008
 Sampler: HAIG KEVORK

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-9	OK	OK	OK	1-S	OK	OK	OK	N	N	NO MANUFACTURE NAME 8" / 2 BOLTS	YES
MW-10	OK	OK	OK	2-S	OK	OK	OK	N	N	EMCO 12" / 2 BOLTS	YES
MW-11	OK	OK	1-M	1-B	OK	OK	OK	N	N	PEMCO 12" / 2 BOLTS	YES
MW-12	OK	M	OK	OK	OK	OK	OK	N	N	BOART LONGYEAR 8" / 3 BOLTS	YES

Comments _____



Source: Figure modified from drawing provided by Delta Environmental and Marrow Surveying dated 06/24/02

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

POTENTIOMETRIC MAP
 Former Texaco Service Station
 3810 Broadway
 Oakland, California (Site #211283)

FIGURE

1

PROJECT NUMBER
 386956

REVIEWED BY

DATE
 September 22, 2008

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-1													
06/28/96	86.69	21.77	64.92	--	<50	<100	<0.5	<1.0	<1.0	<2.0	--	--	--
10/10/96	86.69	23.26	63.43	--	<400	520	9.2	53	17	70	22	16 ¹	--
11/07/96	86.69	23.27	63.42	--	--	--	--	--	--	--	--	--	--
12/18/97	86.69	19.70	66.99	--	<50	2,200	<3.0	<3.0	<3.0	<3.0	<200	--	--
04/06/98	86.69	16.88	69.81	--	<50	1,600	16.4	0.8	<0.5	<0.5	38.3	--	--
06/18/98	86.69	19.78	66.91	--	280	330	7.8	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98	86.69	21.71	64.98	--	150	<50	1.5	<0.5	<0.5	<0.5	<2.5	--	--
12/21/98	86.69	22.15	64.54	--	130	130	2.3	0.90	<0.5	<0.5	110	13	--
03/24/99	86.69	19.55	67.14	--	305	1,520	11.7	<2.50	<2.50	<2.50	21.6	<25.0	--
06/25/99	86.69	21.60	65.09	--	207	231	5.29	<0.500	<0.500	<0.500	3.94	1.01	--
09/24/99	86.69	22.58	64.11	--	71.7	58.6	6.03	<0.500	<0.500	<0.500	3.70	--	--
12/29/99	86.69	22.81	63.88	--	345	117	4.26	<0.500	<0.500	1.97	26.2	<0.500	--
03/21/00	86.69	19.00	67.69	--	319	834	<0.500	<0.500	<0.500	<0.500	21.5	--	--
07/26/00	86.69	21.50	65.19	--	125	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
09/06/00	86.69	21.90	64.79	--	192	88.1	15.60	<0.500	<0.500	<0.500	--	--	--
11/29/00	86.92	22.05	64.87	--	331	<50.0	3.52	<0.500	<0.500	<0.500	--	--	--
03/06/01	86.92	19.79	67.13	--	--	--	--	--	--	--	--	--	--
03/23/01	86.92	20.15	66.77	--	-- ⁵	204	10.7	<0.500	<0.500	<0.500	--	--	--
06/19/01 ⁶	86.92	21.78	65.14	--	330	<50	<0.50	<0.50	<0.50	<0.50	--	0.87	--
09/05/01 ⁶	86.92	24.37	62.55	--	400	74	<0.50	0.63	<0.50	2.7	--	<5.0	--
12/20/01 ⁶	86.92	20.25	66.67	--	530	59	1.7	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	86.69	21.64	65.05	0.00	490 ⁹	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	86.69	22.44	64.25	0.00	180	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	86.69	21.49	65.20	0.00	320	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	86.69	20.92	65.77	0.00	UNABLE TO SAMPLE - BEND IN WELL					--	--	--	--
06/23/03 ¹⁰	86.69	21.34	65.35	0.00	310	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 ¹⁰	86.69	22.46	64.23	0.00	150	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03 ¹⁰	86.69	22.10	64.59	0.00	350	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04 ¹⁰	86.69	20.42	66.27	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
06/21/04 ¹⁰	86.69	21.93	64.76	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 ¹⁰	86.69	22.99	63.70	0.00	240	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04 ¹⁰	86.69	21.78	64.91	0.00	320 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05 ¹⁰	86.69	19.28	67.41	0.00	400 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
06/27/05 ¹⁰	86.69	20.82	65.87	0.00	200 ¹²	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (fl.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)	
MW-1 (cont)														
09/19/05 ¹⁰	86.69	22.17	64.52	0.00	62	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
12/19/05 ¹⁰	86.69	22.06	64.63	0.00	360 ¹⁶	<50	<0.5	0.8	<0.5	<0.5	--	<0.5	<50	
03/27/06 ¹⁰	86.69	18.27	68.42	0.00	320	77	<0.5	0.5	2	4	--	0.7	<50	
06/26/06 ¹⁰	86.69	20.20	66.49	0.00	290	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
09/25/06 ¹⁰	86.69	21.86	64.83	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
12/18/06	86.69	21.60	65.09	UNABLE TO SAMPLE - DUE TO BENT WELL CASING						--	--	--	--	--
03/19/07 ¹⁰	NP ¹⁸	86.69	20.82	65.87	0.00	630	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	
06/25/07 ¹⁰	NP ¹⁸	86.69	28.62	58.07	0.00	4,100 ¹⁹	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	
09/24/07	86.69	DRY	--	--	--	--	--	--	--	--	--	--	--	
12/18/07	86.69	29.35	57.34	UNABLE TO SAMPLE - DUE TO INSUFFICIENT WATER						--	--	--	--	
03/11/08	86.69	28.41	58.28	UNABLE TO SAMPLE - DUE TO BENT WELL CASING						--	--	--	--	
06/11/08 ¹⁰	NP ¹⁸	86.69	25.87	60.82	0.00	2,200	760	<0.5	<0.5	<0.5	<0.5	<0.5	<50	
09/22/08 ¹⁰	NP ¹⁸	86.69	24.18	62.51	0.00	700	190	<0.5	<0.5	<0.5	<0.5	<0.5	<50	
MW-4														
06/28/96	83.31	18.83	64.48	--	<50	<100	<0.5	<1.0	<1.0	<2.0	--	--	--	
10/10/96	83.31	19.84	63.47	--	<50	650	3.9	65	22	120	<5.0	--	--	
11/07/96	83.31	19.84	63.47	--	--	--	--	--	--	--	--	--	--	
12/18/97	83.31	17.77	65.54	--	2,000	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--	
04/06/98	83.31	15.45	67.86	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--	
06/18/98	83.31	16.89	66.42	--	53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	
08/31/98	83.31	18.48	64.83	--	60	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
12/21/98	83.31	18.80	64.51	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
03/24/99	83.31	16.70	66.61	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--	
06/25/99	83.31	18.16	65.15	--	128	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--	
09/24/99	83.31	19.12	64.19	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	
12/29/99	83.31	19.08	64.23	--	169	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--	
03/21/00	83.31	16.10	67.21	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	
07/26/00	83.31	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	
09/06/00	83.31	18.52	64.79	--	-- ⁵	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--	
11/29/00	83.63	18.75	64.88	--	183	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--	
03/06/01	83.63	17.81	65.82	--	50.9	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--	
06/19/01 ⁶	83.63	18.55	65.08	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-4 (cont)													
09/05/01 ⁶	83.63	19.10	64.53	--	710	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
12/20/01 ⁶	83.63	17.55	66.08	--	460	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	83.31	18.39	64.92	0.00	250	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	83.31	19.16	64.15	0.00	160	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	83.31	18.14	65.17	0.00	56	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	83.31	17.76	65.55	0.00	180	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/23/03 ¹⁰	83.31	18.13	65.18	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 ¹⁰	83.31	19.08	64.23	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03 ¹⁰	83.31	18.78	64.53	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04 ¹⁰	83.31	17.31	66.00	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04 ¹⁰	83.31	18.67	64.64	0.00	87	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 ¹⁰	83.31	19.58	63.73	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04 ¹⁰	83.31	18.59	64.72	0.00	66 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05 ¹⁰	83.31	16.82	66.49	0.00	71 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05 ¹⁰	83.31	17.61	65.70	0.00	120 ¹²	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05 ¹⁰	83.31	19.00	64.31	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/19/05 ¹⁰	83.31	18.69	64.62	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/27/06 ¹⁰	83.31	15.05	68.26	0.00	160	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06 ¹⁰	83.31	16.81	66.50	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06 ¹⁰	83.31	18.59	64.72	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06 ¹⁰	83.31	18.26	65.05	0.00	250	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07 ¹⁰	83.31	17.62	65.69	0.00	93	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07 ¹⁰	83.31	24.82	58.49	0.00	4,600 ¹⁹	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/24/07 ¹⁰	83.31	26.76	56.55	0.00	4,300	94	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
12/18/07 ¹⁰	83.31	25.91	57.40	0.00	3,700	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
03/11/08 ¹⁰	83.31	25.15	58.16	0.00	430	54	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
06/11/08 ¹⁰	83.31	22.53	60.78	0.00	520	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08 ¹⁰	83.31	20.99	62.32	0.00	59	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
MW-5B													
06/25/02 ⁷	85.36	20.48	64.88	0.00	320	660	89	1.9	39	11	130	--	--
09/18/02	85.36	21.18	64.18	0.00	480	1,100	220	1.2	19	<1.5	35	--	--
12/19/02	85.36	20.36	65.00	0.00	330	<50	<0.50	<0.50	<0.50	<1.5	190	--	--

Table 1
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Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (fl.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-5B (cont)													
03/20/03	85.36	INACCESSIBLE - VEHICLE OVER WELL											--
06/23/03 ¹⁰	85.36	20.18	65.18	0.00	300	<50	<0.5	<0.5	<0.5	<0.5	--	290	--
09/22/03 ¹⁰	85.36	21.19	64.17	0.00	200	91	19	<0.5	3	<0.5	--	260	<50
12/22/03 ¹⁰	85.36	20.85	64.51	0.00	410	99	18	<0.5	<0.5	<0.5	--	52	<50
03/22/04 ¹⁰	85.36	19.26	66.10	0.00	400	<50	<0.5	<0.5	<0.5	<0.5	--	210	<50
06/21/04 ¹⁰	85.36	20.70	64.66	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	100	<50
09/20/04 ¹⁰	85.36	21.69	63.67	0.00	430	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50
12/20/04 ¹⁰	85.36	20.56	64.80	0.00	400 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	48	<50
03/28/05 ¹⁰	85.36	18.12	67.24	0.00	480 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	67	<50
06/27/05 ¹⁰	85.36	19.61	65.75	0.00	350 ¹³	<50	<0.5	<0.5	<0.5	<0.5	--	57	<50
09/19/05 ¹⁰	85.36	20.88	64.48	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	32	<50
12/19/05 ¹⁰	85.36	20.74	64.62	0.00	330 ¹⁶	<50	<0.5	<0.5	<0.5	<0.5	--	21	<50
03/27/06 ¹⁰	85.36	17.10	68.26	0.00	550	<50	<0.5	<0.5	<0.5	<0.5	--	31	<50
06/26/06 ¹⁰	85.36	19.05	66.31	0.00	410	<50	<0.5	<0.5	<0.5	<0.5	--	30	<50
09/25/06 ¹⁰	85.36	20.61	64.75	0.00	320	<50	<0.5	<0.5	<0.5	<0.5	--	25	<50
12/18/06 ¹⁰	85.36	20.35	65.01	0.00	580	<50	<0.5	<0.5	<0.5	<0.5	--	14	<50
03/19/07 ¹⁰	85.36	19.62	65.74	0.00	170	<50	<0.5	<0.5	<0.5	<0.5	--	24	<50
06/25/07 ¹⁰	85.36	26.94	58.42	0.00	950 ¹⁹	250 ¹⁹	2	<0.5	0.6	1	--	15	<50
09/24/07 ¹⁰	85.36	28.78	56.58	0.00	1,300	1,900	5	0.6	3	5	--	25	<50
12/18/07 ¹⁰	85.36	27.98	57.38	0.00	560	2,100	19	<0.5	2	4	--	28	<50
03/11/08 ¹⁰	85.36	27.17	58.19	0.00	290	640	16	<0.5	4	0.5	--	38	<50
06/11/08 ¹⁰	85.36	24.51	60.85	0.00	280	1,100	20	<0.5	6	1	--	21	<50
09/22/08 ¹⁰	85.36	22.85	62.51	0.00	110	280	9	<0.5	<0.5	<0.5	--	22	<50
MW-6													
10/10/96	86.09	22.44	63.65	--	500	45,000	8,300	2,900	810	3,100	190	40 ¹	--
11/07/96	86.09	22.60	63.49	--	--	--	--	--	--	--	--	--	--
12/18/97	86.09	22.28	63.81	--	1,900	60,000	12,000	9,800	1,800	8,600	<2,000	--	--
04/06/98	86.09	19.90	66.19	--	<50	30,500	5,950	3,720	952	3,750	<1,000	--	--
06/18/98	86.09	20.49	65.60	--	1,100	23,000	2,600	540	410	1,300	<250	--	--
08/31/98	86.09	21.05	65.04	--	1,800	17,000	3,400	460	530	1,800	<250	--	--
12/21/98	86.09	21.74	64.35	--	930	7,900	1,900	510	280	730	150	2.6	--
03/24/99	86.09	21.18	64.91	--	763	12,200	1,970	327	338	794	<40.0	<50.0	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-6 (cont)													
06/25/99	86.09	21.34	64.75	--	1,050	14,800	2,040	1,080	406	1,430	<40.0	--	--
09/24/99	86.09	22.28	63.81	--	1,720	17,200	2,810	1,330	489	2,340	<50.0	--	--
12/29/99	86.09	24.96	61.13	--	1,480	14,700	2,790	974	469	1,720	<500	--	--
03/21/00	86.09	18.70	67.39	--	1,120	20,000	4,160	962	719	2,330	<250	--	--
07/26/00	86.09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
09/06/00	86.09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
11/29/00	86.48	21.30	65.18	--	2,060	22,800	4,120	2,010	872	3,180	--	--	--
03/06/01	86.48	19.05	67.43	--	2,220	32,100	3,760	4,590	1,160	5,360	--	--	--
06/19/01 ⁶	86.48	21.11	65.37	--	<1,500	40,000	2,800	6,000	1,200	5,300	--	<25	--
09/05/01 ⁶	86.48	21.37	65.11	--	<1,000	18,000	3,800	800	730	1,400	--	<200	--
12/20/01 ⁶	86.48	19.80	66.68	--	<1,300	29,000	2,600	3,700	1,100	4,100	--	<100	--
06/25/02	86.09	21.13	64.96	0.00	2,500	21,000	2,200	1,800	850	2,100	<100	--	--
09/18/02	86.09	22.00	64.09	0.00	1,300	13,000	1,700	480	610	970	110	--	--
12/19/02	86.09	20.98	65.11	0.00	2,700	20,000	2,900	620	770	2,100	<20	--	--
03/20/03	86.09	20.23	65.86	0.00	2,600	23,000	1,500	2,200	920	3,400	<100	--	--
06/23/03 ¹⁰	86.09	20.96	65.13	0.00	2,400	21,000	2,000	1,400	890	2,500	--	6	--
09/22/03 ¹⁰	86.09	21.95	64.14	0.00	1,800	7,400	920	220	360	580	--	5	<50
12/22/03 ¹⁰	86.09	21.63	64.46	0.00	2,300	9,700	1,700	240	450	1,000	--	6	<100 ¹¹
03/22/04 ¹⁰	86.09	20.31	65.78	0.00	2,700	23,000	1,500	1,400	830	2,800	--	4	<250
06/21/04 ¹⁰	86.09	20.64	65.45	0.00	2,800	20,000	2,000	2,300	1,100	3,800	--	4	<130
09/20/04 ¹⁰	86.09	22.29	63.80	0.00	1,300	4,600	480	65	200	260	--	4	<100
12/20/04 ¹⁰	86.09	21.33	64.76	0.00	1,500	9,500	1,500	220	450	840	--	5	<250
03/28/05 ¹⁰	86.09	19.65	66.44	0.00	2,400 ⁹	13,000	1,100	550	600	1,600	--	3	<250
06/27/05 ¹⁰	86.09	19.86	66.23	0.00	2,100 ¹⁴	15,000	1,100	1,300	790	2,600	--	3	<100
09/19/05 ¹⁰	86.09	20.49	65.60	0.00	2,300	18,000	1,300	1,200	800	2,500	--	3	<100
12/19/05 ¹⁰	86.09	21.49	64.60	0.00	1,900 ¹⁴	13,000	1,900	190	620	890	--	5	110
03/27/06 ¹⁰	86.09	18.28	67.81	0.00	1,300	14,000	740	420	600	1,400	--	2	<50
06/26/06 ¹⁰	86.09	19.08	67.01	0.00	2,300	23,000	660	1,700	870	3,000	--	<3	<250
09/25/06 ¹⁰	86.09	20.02	66.07	0.00	2,100	18,000	580	1,200	760	2,600	--	1	<100
12/18/06 ¹⁰	86.09	20.57	65.52	0.00	2,700	14,000	1,200	370	680	1,300	--	4	<50
03/19/07 ¹⁰	86.09	20.56	65.53	0.00	2,700	17,000	990	560	840	2,100	--	3	<100
06/25/07	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--
09/24/07	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-6 (cont)													
12/18/07	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--
03/11/08	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--
06/11/08 ¹⁰	86.09	25.35	60.74	0.00	820	1,400	110	<0.5	6	0.8	--	4	<50
09/22/08 ¹⁰	86.09	23.51	62.58	0.00	780	1,400	52	<0.5	6	1	--	6	<50
MW-7													
10/10/96	84.11	20.78	63.33	--	<50	<50	0.6	<0.5	<0.5	<0.5	<5.0	--	--
11/07/96	84.11	20.80	63.31	--	--	--	--	--	--	--	--	--	--
12/18/97	84.11	17.27	66.84	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
04/06/98	84.11	15.91	68.20	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
06/18/98	84.11	17.95	66.16	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98	84.11	19.40	64.71	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/21/98	84.11	19.75	64.36	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/24/99	84.11	17.54	66.57	--	51.3	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
06/25/99	84.11	19.22	64.89	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
09/24/99	84.11	20.18	63.93	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
12/29/99	84.11	20.15	63.96	--	99.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--
03/21/00	84.11	16.35	67.76	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
07/26/00	84.11	18.99	65.12	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
09/06/00	84.11	19.49	64.62	--	-- ⁵	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
11/29/00	84.44	19.52	64.92	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
03/06/01	84.44	17.15	67.29	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
06/19/01 ⁶	84.44	19.30	65.14	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01 ⁶	84.44	20.22	64.22	--	<50	<50	0.64	0.84	0.94	5.2	--	<5.0	--
12/20/01 ⁶	84.44	17.85	66.59	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	84.11	19.30	64.81	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	84.11	20.10	64.01	0.00	170	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	84.11	18.73	65.38	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	84.11	18.86	65.25	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/23/03 ¹⁰	84.11	19.00	65.11	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 ¹⁰	84.11	20.05	64.06	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03 ¹⁰	84.11	19.72	64.39	0.00	72	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04 ¹⁰	84.11	17.94	66.17	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-7 (cont)													
06/21/04 ¹⁰	84.11	19.53	64.58	0.00	73	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 ¹⁰	84.11	20.59	63.52	0.00	69	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04 ¹⁰	84.11	19.43	64.68	0.00	67 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05 ¹⁰	84.11	16.68	67.43	0.00	69 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05 ¹⁰	84.11	18.43	65.68	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05 ¹⁰	84.11	19.77	64.34	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/19/05 ¹⁰	84.11	19.38	64.73	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/27/06 ¹⁰	84.11	15.51	68.60	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06 ¹⁰	84.11	17.85	66.26	0.00	70	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06 ¹⁰	84.11	19.53	64.58	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06 ¹⁰	84.11	19.28	64.83	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07 ¹⁰	84.11	18.32	65.79	0.00	81	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07 ¹⁰	84.11	26.92	57.19	0.00	65	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/24/07 ¹⁰	84.11	28.32	55.79	0.00	<150	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
12/18/07 ¹⁰	84.11	27.61	56.50	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
03/11/08 ¹⁰	84.11	26.63	57.48	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
06/11/08 ¹⁰	84.11	23.43	60.68	0.00	98	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08¹⁰	84.11	21.69	62.42	0.00	54	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
MW-9													
10/10/96	82.17	18.62	63.55	--	520	80	2.5	13	2.2	13	<5.0	--	--
11/07/96	82.17	63.53	18.64	--	--	--	--	--	--	--	--	--	--
12/18/97	82.17	16.42	65.75	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
04/06/98	82.17	14.00	68.17	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
06/18/98	82.17	15.33	66.84	--	100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98	82.17	17.14	65.03	--	57	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/21/98	82.17	17.40	64.77	--	71	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/24/99	82.17	16.22	65.95	--	84.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
06/25/99	82.17	16.90	65.27	--	92.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
09/24/99	82.17	17.89	64.28	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
12/29/99	82.17	18.01	64.16	--	52.8	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
03/21/00	82.17	14.80	67.37	--	72.4	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--
07/26/00	82.17	17.17	65.00	--	83.6	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--

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Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)	
MW-9 (cont)														
09/06/00	82.17	17.95	64.22	--	74.3	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--	
11/29/00	82.52	18.10	64.42	--	96.2	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--	
03/06/01	82.52	16.75	65.77	--	94.2	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--	
06/19/01 ⁶	82.52	17.83	64.69	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	
09/05/01 ⁶	82.52	17.98	64.54	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
12/20/01 ⁶	82.52	16.85	65.67	--	84	<50	<0.50	<0.50	<0.50	1.6	--	<5.0	--	
06/25/02	82.17	17.12	65.05	0.00	100	<50	<0.50	<0.50	<0.50	<1.5	--	<5.0	--	
09/18/02	82.17	17.76	64.41	0.00	170	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	
12/19/02	82.17	16.83	65.34	0.00	73	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	
03/20/03	82.17	16.61	65.56	0.00	87	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	
06/23/03 ¹⁰	82.17	17.14	65.03	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
09/22/03 ¹⁰	82.17	17.72	64.45	0.00	66	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	--	
12/22/03 ¹⁰	82.17	17.44	64.73	0.00	94	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50	
03/22/04 ¹⁰	82.17	16.07	66.10	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50	
06/21/04 ¹⁰	82.17	17.38	64.79	0.00	80	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50	
09/20/04 ¹⁰	82.17	18.14	64.03	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50	
12/20/04 ¹⁰	82.17	17.15	65.02	0.00	74 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50	
03/28/05 ¹⁰	82.17	15.47	66.70	0.00	84 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50	
06/27/05 ¹⁰	82.17	16.41	65.76	0.00	140 ¹²	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50	
09/19/05 ¹⁰	82.17	17.42	64.75	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50	
12/19/05 ¹⁰	82.17	17.93	64.24	0.00	52 ¹⁷	<50	<0.5	<0.5	<0.5	<0.5	--	5	<50	
03/27/06 ¹⁰	82.17	13.75	68.42	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	5	<50	
06/26/06 ¹⁰	82.17	15.90	66.27	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	7	<50	
09/25/06 ¹⁰	82.17	17.27	64.90	0.00	57	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50	
12/18/06 ¹⁰	82.17	16.67	65.50	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	8	<50	
03/19/07 ¹⁰	82.17	16.16	66.01	0.00	210	<50	<0.5	<0.5	<0.5	<0.5	--	7	<50	
06/25/07 ¹⁰	82.17	23.84	58.33	0.00	74	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50	
09/24/07 ¹⁰	82.17	25.68	56.49	0.00	280	<50	<0.5	<0.5	<0.5	<0.5	--	6	<50	
12/18/07	82.17	INACCESSIBLE - WELL UNDER WATER				--	--	--	--	--	--	--	2	<50
03/11/08 ¹⁰	82.17	24.07	58.10	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
06/11/08 ¹⁰	82.17	21.23	60.94	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
09/22/08 ¹⁰	82.17	19.52	62.65	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
11/06/08 ¹⁰	82.17	19.15	63.02	0.00	<50 ²¹	--	--	--	--	--	--	<0.5	<50	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-10													
10/10/96	81.83	18.40	63.43	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
11/07/96	81.83	18.43	63.40	--	--	--	--	--	--	--	--	--	--
12/18/97	81.83	16.18	65.65	--	<50	350	6.9	0.87	0.88	0.77	<30	--	--
04/06/98	81.83	14.39	67.44	--	<50	2,300	224	168	81.4	253	<30	--	--
06/18/98	81.83	15.11	66.72	--	320	7,200	310	210	83	280	<0.5	--	--
08/31/98	81.83	17.03	64.80	--	120	460	51	8.2	5.1	10	<5.0	--	--
12/21/98	81.83	17.32	64.51	--	79	120	5.5	<1.0	<1.0	<1.0	8.7	<2.0	--
03/24/99	81.83	15.25	66.58	--	923	1,330	85.9	42.9	29.7	95.2	20.4	<25.0	--
06/25/99	81.83	16.82	65.01	--	167	1,130	115	32.6	17.2	36.3	<4.00	--	--
09/24/99	81.83	17.75	64.08	--	76.7	382	20.0	<1.00	2.21	1.37	8.83	--	--
12/29/99	81.83	18.13	63.70	--	107	114	9.03	<0.500	0.531	<0.500	<5.00	--	--
03/21/00	81.83	14.22	67.61	--	194	1,270	86.3	52.3	38.1	102	19.5	--	--
07/26/00	81.83	16.61	65.22	--	192	562	74.8	7.51	24.3	14.8	13.3	<1.00 ⁴	--
09/06/00	81.83	17.08	64.75	--	205	606	93.4	5.36	16.7	38.9	--	--	--
11/29/00	82.16	16.90	65.26	--	258	583	40.0	1.46	4.69	15.8	--	--	--
03/06/01	82.16	14.80	67.36	--	199	837	34.2	26.4	20.8	27.5	--	--	--
06/19/01 ⁶	82.16	16.85	65.31	--	<50	400	47	2.6	8.8	17	--	0.60	--
09/05/01 ⁶	82.16	17.87	64.29	--	<100	230	20	<0.50	1.2	5.3	--	<5.0	--
12/20/01 ⁶	82.16	15.54	66.62	--	110	300	13	2.5	1.7	4.6	--	<5.0	--
06/25/02	81.83	16.93	64.90	0.00	180	810	180	3.2	17	8.0	<2.5	--	--
09/18/02	81.83	17.68	64.15	0.00	200	260	24	<2.0	2.5	5.0	2.9	--	--
12/19/02	81.83	16.36	65.47	0.00	86	360	25	0.60	<0.50	1.5	<5.0	--	--
03/20/03	81.83	16.32	65.51	0.00	200	620	21	5.3	6.0	13	<10	--	--
06/23/03 ¹⁰	81.83	16.57	65.26	0.00	290	1,500	170	23	40	93	--	0.7	--
09/22/03 ¹⁰	81.83	17.60	64.23	0.00	180	480	48	3	7	17	--	0.8	<50
12/22/03 ¹⁰	81.83	17.31	64.52	0.00	120	230	7	<0.5	<0.5	1	--	0.9	<50
03/22/04 ¹⁰	81.83	15.58	66.25	0.00	230	1,500	72	26	30	82	--	0.7	<50
06/21/04 ¹⁰	81.83	17.12	64.71	0.00	220	1,000	120	29	47	73	--	2	<50
09/20/04 ¹⁰	81.83	18.12	63.71	0.00	230	470	36	5	6	20	--	2	<50
12/20/04 ¹⁰	81.83	17.01	64.82	0.00	170 ⁹	480	13	2	1	7	--	2	<50
03/28/05 ¹⁰	81.83	14.64	67.19	0.00	450 ⁹	1,900	64	46	55	140	--	1	<50
06/27/05 ¹⁰	81.83	15.99	65.84	0.00	400 ¹⁵	1,700	140	61	33	180	--	3	<50
09/19/05 ¹⁰	81.83	17.35	64.48	0.00	170	1,200	98	35	58	110	--	5	<50
12/19/05 ¹⁰	81.83	17.12	64.71	0.00	160 ¹⁴	1,000	61	23	20	47	--	5	<50

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Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-10 (cont)													
03/27/06 ¹⁰	81.83	13.35	68.48	0.00	180	670	6	4	8	11	--	5	<50
06/26/06 ¹⁰	81.83	15.10	66.73	0.00	580	4,700	220	110	150	390	--	0.8	<50
09/25/06 ¹⁰	81.83	17.10	64.73	0.00	480	4,400	290	180	200	350	--	4	<50
12/18/06 ¹⁰	81.83	16.75	65.08	0.00	2,900	2,500	270	97	97	170	--	1	<50
03/19/07 ¹⁰	81.83	15.91	65.92	0.00	650	2,000	150	43	52	88	--	1	<50
06/25/07 ¹⁰	81.83	24.41	57.42	0.00	7,600 ¹⁹	<50 ¹⁹	<0.5	<0.5	<0.5	<0.5	--	4	<50
09/24/07 ¹⁰	81.83	25.96	55.87	0.00	8,400	88	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/18/07	81.83	INACCESSIBLE - WELL UNDER WATER											
03/11/08 ¹⁰	81.83	24.56	57.27	0.00	1,200	190	1	<0.5	<0.5	<0.5	--	2	<50
06/11/08 ¹⁰	81.83	20.97	60.86	0.00	2,500	190	2	<0.5	<0.5	<0.5	--	2	<50
09/22/08 ¹⁰	81.83	19.27	62.56	0.00	--	500	2	<0.5	<0.5	<0.5	--	0.7	<50
11/06/08 ¹⁰	81.83	18.92	62.91	0.00	550 ²¹	--	--	--	--	--	--	--	--
MW-11													
08/08/00	--	25.61	--	--	--	--	--	--	--	--	--	--	--
08/16/00	--	25.50	--	--	56.80	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
09/06/00	--	25.90	--	--	-- ⁵	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
11/29/00	90.63	25.80	64.83	--	63.8	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
03/06/01	90.63	23.32	67.31	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
06/19/01 ⁶	90.63	25.57	65.06	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01 ⁶	90.63	26.42	64.21	--	<50	<50	<0.50	<0.50	<0.50	0.68	--	<5.0	--
12/20/01 ⁶	90.63	24.27	66.36	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	-- ⁸	25.51	-- ⁸	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	-- ⁸	26.31	-- ⁸	0.00	80	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	-- ⁸	25.08	-- ⁸	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	-- ⁸	24.87	-- ⁸	0.00	<50	<50	<0.50	0.51	<0.50	<1.5	<2.5	--	--
06/23/03 ¹⁰	-- ⁸	25.21	-- ⁸	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 ¹⁰	-- ⁸	26.26	-- ⁸	0.00	52	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
12/22/03 ¹⁰	-- ⁸	25.97	-- ⁸	0.00	69	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/22/04 ¹⁰	-- ⁸	24.13	-- ⁸	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04 ¹⁰	-- ⁸	25.74	-- ⁸	0.00	79	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 ¹⁰	-- ⁸	26.83	-- ⁸	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	4	<50
12/20/04 ¹⁰	-- ⁸	25.67	-- ⁸	0.00	54 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-11 (cont)													
03/28/05 ¹⁰	-- ⁸	23.03	-- ⁸	0.00	58 ⁹	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05 ¹⁰	-- ⁸	24.61	-- ⁸	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05 ¹⁰	-- ⁸	25.98	-- ⁸	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
12/19/05 ¹⁰	-- ⁸	25.93	-- ⁸	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/27/06 ¹⁰	-- ⁸	21.81	-- ⁸	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06 ¹⁰	-- ⁸	24.00	-- ⁸	0.00	64	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06 ¹⁰	-- ⁸	25.75	-- ⁸	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06 ¹⁰	-- ⁸	25.55	-- ⁸	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07 ¹⁰	-- ⁸	24.58	-- ⁸	0.00	63	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07 ¹⁰	-- ⁸	32.81	-- ⁸	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/24/07 ¹⁰	-- ⁸	34.24	-- ⁸	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/18/07 ¹⁰	-- ⁸	33.52	-- ⁸	0.00	90	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/11/08 ¹⁰	-- ⁸	32.55	-- ⁸	0.00	52	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/11/08 ¹⁰	-- ⁸	29.77	-- ⁸	0.00	96	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08 ¹⁰	-- ⁸	27.91	-- ⁸	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
11/06/08 ¹⁰	-- ⁸	27.65	-- ⁸	0.00	<50 ²¹	--	--	--	--	--	--	--	--
MW-12													
06/25/02 ⁷	84.19	18.65	65.54	0.00	410	1,000	340	8.2	16	8.3	11	--	--
09/18/02	84.19	19.67	64.52	0.00	230	130	52	<0.50	<0.50	<1.5	9.8	--	--
12/19/02	84.19	18.67	65.52	0.00	450	<50	11	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	84.19	17.97	66.22	0.00	300	280	120	1.9	11	<1.5	2.6	--	--
06/23/03 ¹⁰	84.19	18.27	65.92	0.00	400	400	130	4	1	0.7	--	14	--
09/22/03 ¹⁰	84.19	19.52	64.67	0.00	270	<50	9	<0.5	<0.5	<0.5	--	9	<50
12/22/03 ¹⁰	84.19	19.75	64.44	0.00	130	720	130	29	10	46	--	2	<50
03/22/04 ¹⁰	84.19	17.06	67.13	0.00	240	<50	3	<0.5	<0.5	1	--	0.5	<50
06/21/04 ¹⁰	84.19	18.82	65.37	0.00	350	140	43	<0.5	<0.5	<0.5	--	8	<50
09/20/04 ¹⁰	84.19	19.99	64.20	0.00	340	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/20/04 ¹⁰	84.19	19.46	64.73	0.00	160 ⁹	1,300	400	28	31	31	--	1	<50
03/28/05 ¹⁰	84.19	16.42	67.77	0.00	440 ⁹	90	24	<0.5	<0.5	<0.5	--	1	<50
06/27/05 ¹⁰	84.19	17.53	66.66	0.00	170 ¹³	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/19/05 ¹⁰	84.19	19.04	65.15	0.00	190	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
12/19/05 ¹⁰	84.19	19.41	64.78	0.00	340 ¹³	330	94	5	1	3	--	2	<50

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WELL ID/ DATE	TOC* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-12 (cont)													
03/27/06 ¹⁰	84.19	15.45	68.74	0.00	140	130	33	0.7	1	4	--	0.8	<50
06/26/06 ¹⁰	84.19	16.70	67.49	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06 ¹⁰	84.19	18.81	65.38	0.00	200	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06 ¹⁰	84.19	18.94	65.25	0.00	410	240	68	5	1	1	--	1	<50
03/19/07 ¹⁰	84.19	17.83	66.36	0.00	200	55	7	<0.5	<0.5	<0.5	--	2	<50
06/25/07 ¹⁰	84.19	25.80	58.39	0.00	1,600 ¹⁹	5,500 ¹⁹	1,000 ¹⁹	190 ¹⁹	170 ¹⁹	320 ¹⁹	--	2	<100
09/24/07 ¹⁰	84.19	27.88	56.31	0.00	2,300	<50	0.7	<0.5	<0.5	<0.5	--	1	<50
12/18/07 ¹⁰	84.19	27.06	57.13	0.00	550	230	17	<0.5	<0.5	<0.5	--	<0.5	<50
03/11/08 ¹⁰	84.19	25.60	58.59	0.00	1,100	7,000	960	330	410	860	--	<1	<100
06/11/08 ¹⁰	84.19	23.04	61.15	0.00	1,700	7,100	2,400	170	210	270	--	<1	<130
09/22/08 ¹⁰	84.19	21.48	62.71	0.00	--	13,000	1,800	93	480	1,200	--	16	<100
11/06/08 ¹⁰	84.19	21.20	62.99	0.00	1,600 ²¹	--	--	--	--	--	--	--	--
MW-2													
06/28/96	85.83	22.10	63.73	1.35	--	--	--	--	--	--	--	--	--
10/10/96	85.83	22.36	63.47	--	1,800	99,000	4,100	9,400	2,300	9,900	390	<25 ¹	--
11/07/96	85.83	22.39	63.45**	0.01	--	--	--	--	--	--	--	--	--
12/18/97	85.83	20.19	65.64	--	4,700	24,000	600	1,800	750	2,400	<2,000	--	--
04/06/98	85.83	18.00	67.83	--	9.5	20,100	252	448	430	1,410	<200	--	--
06/18/98	85.83	19.63	66.20	--	5,200	20,000	240	370	270	790	<50	--	--
08/31/98	85.83	21.01	64.82	--	19,000	72,000	270	990	630	1,700	<125	--	--
12/21/98	85.83	21.31	64.52	--	13,000	290	8.7	18	9.7	38	10	29	--
03/24/99	85.83	19.18	66.65	--	5,590	80,400	651	1,860	1,120	3,730	<40.0	<100	--
06/25/99	85.83	20.78	65.05	--	12,100	34,700	504	1,300	716	2,160	<40.0	--	--
09/24/99	85.83	21.82	64.01	--	108	6,510	1,030	350	183	680	<50.0	--	--
12/29/99	85.83	22.17	63.90**	0.30	--	--	--	--	--	--	--	--	--
01/07/00	85.83	22.84	63.30**	0.39	--	--	--	--	--	--	--	--	--
03/21/00	-- ³	18.19	--	--	41,100	54,100	1,260	3,320	2,180	8,200	<1,250	--	--
DESTROYED													
MW-3													
06/28/96	83.18	19.04	64.14	--	--	--	--	--	--	--	--	--	--
10/10/96	83.18	19.51	63.67	--	1,200	110,000	6,600	16,000	2,200	12,000	<250	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-3 (cont)													
11/07/96	83.18	19.40	63.78	--	--	--	--	--	--	--	--	--	--
12/18/97	83.18	18.79	64.39	--	6,100,000	180,000	1,500	16,000	4,600	23,000	<3,000	--	--
04/06/98	83.18	16.58	66.64	0.05	--	--	--	--	--	--	--	--	--
06/18/98	83.18	--	--	>2.0 ²	--	--	--	--	--	--	--	--	--
08/31/98	83.18	19.56	63.68	0.07	--	--	--	--	--	--	--	--	--
12/21/98	83.18	20.23	65.13	2.73	--	--	--	--	--	--	--	--	--
03/24/99	83.18	16.76	67.11	0.86	--	--	--	--	--	--	--	--	--
06/25/99	83.18	18.47	64.95	0.30	--	--	--	--	--	--	--	--	--
09/24/99	83.18	19.43	63.81	0.08	--	--	--	--	--	--	--	--	--
12/29/99	83.18	19.25	63.96	0.04	--	--	--	--	--	--	--	--	--
01/07/00	83.18	19.87	63.37	0.07	--	--	--	--	--	--	--	--	--
DESTROYED													
MW-5													
10/10/96	85.41	21.93	63.48	--	<50	1,800	34	4.7	11	44	21	5.0 ¹	--
11/07/96	85.41	21.96	63.45	--	--	--	--	--	--	--	--	--	--
12/18/97	85.41	19.81	65.60	--	<50	1,200	15	<1.0	15	<1.0	72	--	--
04/06/98	85.41	17.43	67.98	--	<50	1,000	126	0.5	0.8	1.5	<30	--	--
06/18/98	85.41	19.15	66.26	--	100	110	6.9	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98	85.41	20.46	64.95	--	120	480	5.3	<2.5	<2.5	<2.5	<12	--	--
12/21/98	85.41	20.91	64.50	--	100	270	16	2.9	1.3	<1.0	34	<2.0	--
03/24/99	85.41	18.74	66.67	--	93.3	143	2.80	<0.500	0.749	<0.500	<2.00	<5.00	--
06/25/99	85.41	20.31	65.10	--	125	847	6.61	<0.500	0.611	<0.500	2.69	<2.00	--
09/24/99	85.41	21.36	64.05	--	94.0	563	6.00	<2.50	<2.50	<2.50	25.1	--	--
12/29/99	85.41	21.41	64.00	--	173	896	16.6	1.48	8.92	2.67	61.1	<0.500	--
03/21/00	85.41	18.13	67.28	--	158	858	53.7	<1.00	21.4	8.00	11.6	--	--
07/26/00	85.41	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
09/06/00	85.41	20.33	65.08	--	231	670	153	<2.50	7.87	<2.50	--	--	--
11/29/00	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
03/06/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
06/19/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
09/05/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
12/02/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
DESTROYED													

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-8													
10/10/96	84.01	20.82	63.19	--	110	17,000	1,300	1,200	64	1,300	110	<5.0 ¹	--
11/07/96	84.01	20.44	63.57	--	--	--	--	--	--	--	--	--	--
12/18/97	84.01	19.36	64.65	--	630	15,000	3,600	1,800	410	930	<600	--	--
04/06/98	84.01	16.19	67.82	--	<50	32,300	8,230	5,900	718	2,120	<1,000	--	--
06/18/98	84.01	17.75	66.26	--	<50	74,000	5,400	4,500	700	2,200	2,400	--	--
08/31/98	84.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
12/21/98	84.01	19.48	64.53	--	1,200	9,600	2,600	410	220	300	700	<2.0	--
03/24/99	84.01	17.44	66.57	--	2,890	86,100	9,890	11,700	1,650	7,130	<200	<250	--
06/25/99	84.01	20.69	63.40**	0.10	--	--	--	--	--	--	--	--	--
07/01/99	84.01	20.45	65.07**	1.89	--	--	--	--	--	--	--	--	--
09/24/99	84.01	20.98	64.25**	1.53	--	--	--	--	--	--	--	--	--
12/29/99	84.01	20.25	63.97**	0.26	--	--	--	--	--	--	--	--	--
01/07/00	84.01	21.00	63.33**	0.40	--	--	--	--	--	--	--	--	--
DESTROYED													
TRIP BLANK													
QA													
06/25/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/23/03 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/22/03 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/22/04 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/21/04 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/20/04 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/20/04 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/28/05 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/27/05 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/19/05 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/19/05 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/27/06 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (fl.)	DTW (fl.)	GWE (msl)	SPHT (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
QA (cont)													
06/26/06 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/25/06 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/18/06 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/19/07 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/25/07 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/24/07 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/18/07 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/11/08 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/11/08 ²⁰	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/08 ¹⁰	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 25, 2002, were compiled from reports prepared by Toxichem Management Systems, Inc.

TOC = Top of Casing (ft.) = Feet	TPH-D = Total Petroleum Hydrocarbons as Diesel	(ppb) = Parts per billion
DTW = Depth to Water	TPH-G = Total Petroleum Hydrocarbons as Gasoline	(µg/L) = Micrograms per liter
GWE = Groundwater Elevation (msl) = Mean Sea Level	B = Benzene	-- = Not Measured/Not Analyzed
SPH = Separate-phase hydrocarbons	T = Toluene	QA = Quality Assurance/Trip Blank
SPHT = Separate-phase hydrocarbon thickness	E = Ethylbenzene	NP= No Purge
	X = Xylenes	
	MTBE = Methyl tertiary butyl ether	

* TOC elevations were surveyed June 24, 2002, by Morrow Surveying, and are based on City of Oakland Benchmark.

** GWE corrected for the presence of SPH; correction factor = [(TOC - DTW)+(0.80 x SPHT)].

◆ Prior to June 25, 2002, MTBE was analyzed by EPA Method 8020.

¹ MTBE confirmed by EPA Method 8240.

² Free product could not be accurately measured.

³ TOC altered.

⁴ Analyzed outside EPA recommended hold time.

⁵ Sample containers broken during transport to laboratory.

⁶ TPH-G and BTEX analyzed by EPA Method 8260.

⁷ Well development performed.

⁸ MW-11 was inaccessible during the re-surveying. TOC was not measured.

⁹ Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.

¹⁰ BTEX analyzed by EPA Method 8260.

¹¹ Ethanol was previously reported as <50 ppb.

¹² Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.

¹³ Laboratory report indicates the observed sample pattern includes #2fuel/diesel and an additional pattern which elutes later in the DRO range.

¹⁴ Laboratory report indicates the observed sample pattern is not typical of #2fuel/diesel. It elutes in the DRO range earlier than #2 fuel.

¹⁵ Laboratory report indicates the observed sample patterns are not typical of #2fuel/diesel. They elute in the DRO range earlier and later than #2 fuel.

¹⁶ Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel and contains individual peaks eluting in the DRO range.

¹⁷ Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to an individual peak (s) eluting in the DRO range.

¹⁸ No purge due to bent casing.

¹⁹ Laboratory confirmed analytical result.

²⁰ Sample containers not received at laboratory.

²¹ Laboratory report indicates the DRO analysis was performed on a resample due to a laboratory error during the extraction / analysis of the first submission.

Table 2
Field Measurements
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID	DATE	D.O.	ORP	D.O.	ORP	D.O.	ORP
		Before Purging (mg/L)	Before Purging (mV)	Mid-Purging (mg/L)	Mid-Purging (mV)	After Purging (mg/L)	After Purging (mV)
MW-6	09/24/99	1.00	--	--	--	1.20	--
	12/29/99	1.30	--	--	--	1.50	--
	03/21/00	3.00	--	--	--	4.30	--
	11/29/00	2.00	--	--	--	1.80	--
	03/06/01	3.70	--	--	--	4.00	--
	06/19/01	3.00	--	--	--	3.40	--
	09/05/01	10.40	--	--	--	10.80	--
	12/20/01	1.30	--	--	--	1.50	--
	06/25/02	1.00	--	0.60	--	0.40	--
	09/18/02	0.60	58	0.90	69	1.00	72
	12/19/02	1.20	71	--	--	1.10	79
	03/20/03	0.40	-93	--	--	1.60	-87
	06/23/03	0.90	64	--	--	1.20	78
	09/22/03	1.10	70	--	--	1.30	76
	12/22/03	0.90	68	--	--	1.00	70
	03/22/04	1.00	74	--	--	1.20	82
	06/21/04	1.10	72	--	--	1.10	86
	09/20/04	1.20	68	--	--	1.30	76
	12/20/04	1.00	71	--	--	1.10	80
	03/28/05	1.10	75	--	--	1.10	86
	06/27/05	1.10	78	--	--	1.20	90
	09/19/05	2.90	-- ¹	--	--	1.20	-- ¹
	12/19/05	1.00	69	--	--	1.00	74
	03/27/06	1.60	89	--	--	1.20	75
	06/26/06	1.40	105	--	--	1.20	82
	09/25/06	1.20	103	--	--	1.30	91
	12/18/06	1.20	87	--	--	-- ²	-- ²
	03/19/07	1.9	-57	--	--	1.6	-63
	06/25/07	DRY	--	--	--	--	--
	09/24/07	DRY	--	--	--	--	--
	12/18/07	DRY	--	--	--	--	--
	03/11/08	DRY	--	--	--	--	--
	06/11/08		0.9	53	--	--	1.1
09/22/08		1.3	-27	--	--	1.6	-17
MW-7	09/24/99	1.40	--	--	--	1.60	--
	12/29/99	2.30	--	--	--	1.80	--
	03/21/00	5.80	--	--	--	9.00	--
	07/26/00	6.00	--	--	--	6.60	--
	09/06/00	4.30	--	--	--	5.00	--
	11/29/00	4.00	--	--	--	3.70	--
	03/06/01	4.70	--	--	--	5.10	--
	06/19/01	3.80	--	--	--	4.20	--
	09/05/01	6.70	--	--	--	7.10	--
	12/20/01	4.90	--	--	--	5.00	--
	06/25/02	1.00	--	1.40	--	1.30	--
	09/18/02	1.80	112	1.90	98	2.10	102
	12/19/02	1.30	121	--	--	1.60	110
	03/20/03	2.60	129	--	--	2.70	152
	06/23/03	1.70	122	--	--	1.90	140

Table 2
Field Measurements
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID	DATE	D.O.	ORP	D.O.	ORP	D.O.	ORP
		Before Purging (mg/L)	Before Purging (mV)	Mid-Purging (mg/L)	Mid-Purging (mV)	After Purging (mg/L)	After Purging (mV)
MW-7 (cont)	09/22/03	1.40	92	--	--	1.70	124
	12/22/03	1.50	98	--	--	1.60	114
	03/22/04	1.30	90	--	--	1.50	96
	06/21/04	1.50	106	--	--	1.70	126
	09/20/04	1.40	115	--	--	0.96	110
	12/20/04	1.30	88	--	--	1.40	95
	03/28/05	1.40	92	--	--	1.40	88
	06/27/05	1.50	106	--	--	1.40	94
	09/19/05	3.70	17	--	--	3.10	29
	12/19/05	1.40	85	--	--	1.30	90
	03/27/06	1.80	126	--	--	2.10	132
	06/26/06	1.60	119	--	--	1.80	121
	09/25/06	1.70	125	--	--	1.60	124
	12/18/06	1.40	130	--	--	-- ²	-- ²
	03/19/07	2.8	-10	--	--	2.3	-13
	06/25/07	1.8	119	--	--	1.5	98
	09/24/07	1.7	1.3	--	--	94	76
	12/18/07	2.1	68	--	--	1.8	73
	03/11/08	1.8	93	--	--	1.7	104
	06/11/08	1.5	-32	--	--	1.3	-46
09/22/08	1.2	27	--	--	1.5	39	
MW-9	09/24/99	1.00	--	--	--	1.20	--
	12/29/99	3.30	--	--	--	2.70	--
	03/21/00	3.20	--	--	--	7.30	--
	07/26/00	3.60	--	--	--	1.80	--
	09/06/00	3.80	--	--	--	4.00	--
	11/29/00	2.00	--	--	--	2.00	--
	03/06/01	4.00	--	--	--	4.90	--
	06/19/01	3.40	--	--	--	4.00	--
	09/05/01	2.70	--	--	--	2.00	--
	12/20/01	2.20	--	--	--	2.20	--
	06/25/02	0.90	--	1.00	--	1.20	--
	09/18/02	1.40	138	1.00	110	0.90	95
	12/19/02	1.80	126	--	--	1.10	98
	03/20/03	0.10	206	--	--	1.10	193
	06/23/03	1.20	146	--	--	1.00	138
	09/22/03	1.10	126	--	--	1.00	130
	12/22/03	1.30	134	--	--	1.20	142
	03/22/04	3.70	120	--	--	1.40	126
	06/21/04	3.50	108	--	--	1.20	116
	09/20/04	2.70	54	--	--	1.10	62
	12/20/04	2.50	72	--	--	1.40	80
	03/28/05	2.80	92	--	--	1.70	68
	06/27/05	2.60	82	--	--	1.50	62
	09/19/05	1.00	-38	--	--	0.60	-30
	12/19/05	2.10	76	--	--	2.20	68
	03/27/06	2.20	136	--	--	1.90	125
	06/26/06	2.40	122	--	--	2.00	115
	09/25/06	2.10	116	--	--	1.90	120

Table 2
Field Measurements
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID	DATE	D.O.	ORP	D.O.	ORP	D.O.	ORP	
		Before Purging (mg/L)	Before Purging (mV)	Mid-Purging (mg/L)	Mid-Purging (mV)	After Purging (mg/L)	After Purging (mV)	
MW-9	12/18/06	1.80	131	--	--	-- ²	-- ²	
(cont)	03/19/07	1.7	-03	--	--	2.1	-11	
	06/25/07	2.2	11	--	--	2.0	73	
	09/24/07	2.4	2.2	--	--	93	75	
	12/18/07	INACCESSIBLE - WELL UNDER WATER				--	--	--
	03/11/08	2.2	76	--	--	1.9	63	
	06/11/08	1.9	103	--	--	1.9	117	
	09/22/08	14	32	--	--	21	51	
MW-10	09/19/05	1.40	-97	--	--	0.80	-98	
MW-2	09/24/99	1.00	--	--	--	0.80	--	
	12/29/99	2.60	--	--	--	--	--	
	03/21/00	3.30	--	--	--	3.60	--	
	DESTROYED							

Table 2
Field Measurements
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

EXPLANATIONS:

Dissolved oxygen concentrations prior to June 25, 2002, were compiled from reports prepared by Toxichem Management Systems, Inc.

D.O. = Dissolved Oxygen

mg/L = milligrams per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

-- = Not Measured

¹ ORP reading under range.

² Field technician inadvertently missed readings.

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.

CHEVRON SERVICE STATION #211283
Oakland, CA

QUARTERLY MONITORING & SAMPLING
EVENT
September 22, 2008



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-07 (inclusive)
 Sampler: SK

Well ID: MW-1
 Well Diameter: 2 in.
 Total Depth: 29.89 ft.
 Depth to Water: 24.18 ft.

Date Monitored: 9-22-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.92 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:

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

Sampling Equipment:

- Disposable Bailer
- Pressure Bailer
- Discrete Bailer
- Peristaltic Pump
- QED Bladder Pump
- Other: _____

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

Start Time (purge): NO Purge Weather Conditions: Clear
 Sample Time/Date: 1625 / 9-22-08 Water Color: cloudy Odor: YIP
 Approx. Flow Rate: _____ gpm. Sediment Description: light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 24.18

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	PRE: _____	PRE: _____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	POST: _____	POST: _____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x vovial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 800ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: No Purge Sample taken w/ pin bailer

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-08 (inclusive)
 Sampler: SIT

Well ID: MW-4
 Well Diameter: 2 in.
 Total Depth: 28.82 ft.
 Depth to Water: 20.99 ft.

Date Monitored: 9-22-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.56 gal.

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1431 Weather Conditions: Clear
 Sample Time/Date: 1500 19-22-08 Water Color: Cloudy Odor: Y 145
 Approx. Flow Rate: - gpm. Sediment Description: light
 Did well de-water? 10 If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 21.43

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>S</u>)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1435</u>	<u>1.5</u>	<u>7.14</u>	<u>235</u>	<u>18.9</u>	PRE: _____	PRE: _____
<u>1439</u>	<u>3.0</u>	<u>6.83</u>	<u>246</u>	<u>18.7</u>	_____	_____
<u>1446</u>	<u>4.0</u>	<u>6.81</u>	<u>251</u>	<u>18.3</u>	POST: _____	POST: _____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>2</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-08 (inclusive)
 Sampler: SH

Well ID: MW-5B

Date Monitored: 9-22-08

Well Diameter: 2 in.

Total Depth: 30.30 ft.

Depth to Water: 22.85 ft.

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.34 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1522
 Sample Time/Date: 1530 / 9-22-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Clear
 Water Color: Cloudy Odor: YIN
 Sediment Description: None
 Volume: _____ gal. DTW @ Sampling: 2361

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 15)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1527</u>	<u>1.5</u>	<u>7.09</u>	<u>494</u>	<u>18.7</u>	PRE: _____	PRE: _____
<u>1531</u>	<u>3.0</u>	<u>6.87</u>	<u>507</u>	<u>17.5</u>	_____	_____
<u>1536</u>	<u>4.0</u>	<u>6.95</u>	<u>517</u>	<u>18.3</u>	POST: _____	POST: _____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5B</u>	<u>2</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-08 (inclusive)
 Sampler: SH

Well ID: MW6
 Well Diameter: 2 in.
 Total Depth: 27.78 ft.
 Depth to Water: 23.51 ft.
4.27 xVF

Date Monitored: 9-22-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.7 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1249
 Sample Time/Date: 1320 / 9-22-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Clear
 Water Color: Grey Odor: (Y) N
 Sediment Description: None
 Volume: _____ gal. DTW @ Sampling: 24.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 15)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1252</u>	<u>1</u>	<u>7.06</u>	<u>566</u>	<u>18.9</u>	PRE: <u>1.3</u>	PRE: <u>-27</u>
<u>1256</u>	<u>2</u>	<u>6.93</u>	<u>572</u>	<u>18.7</u>		
<u>1300</u>	<u>2.5</u>	<u>6.87</u>	<u>579</u>	<u>18.7</u>	POST: <u>1.6</u>	POST: <u>-17</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- <u>6</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-08 (inclusive)
 Sampler: SH

Well ID: MW-7
 Well Diameter: 2 in.
 Total Depth: 3345 ft.
 Depth to Water: 21.69 ft.

Date Monitored: 9-22-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 2402
 $11.76 \times VF \ 1.17 = 2 \times 3 \text{ case volume} = \text{Estimated Purge Volume: } 6 \text{ gal.}$

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1003
 Sample Time/Date: 1050 / 9-22-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? no If yes, Time: _____

Weather Conditions: clear
 Water Color: Tan Odor: Y16
 Sediment Description: newly
 Volume: _____ gal. DTW @ Sampling: 23.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>6</u>)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>1007</u>	<u>2</u>	<u>7.19</u>	<u>299</u>	<u>18.7</u>	PRE: <u>1.2</u>	PRE: <u>27</u>
<u>1015</u>	<u>4</u>	<u>7.23</u>	<u>314</u>	<u>19.2</u>		
<u>1025</u>	<u>6</u>	<u>7.21</u>	<u>317</u>	<u>19.3</u>	POST: <u>1.5</u>	POST: <u>39</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-07 (inclusive)
 Sampler: SH

Well ID: MW-9
 Well Diameter: 2 in.
 Total Depth: 3392 ft.
 Depth to Water: 1952 ft.
1440 xVF

Date Monitored: 9-22-07

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

Check if water column is less than 0.50 ft.
 x3 case volume = Estimated Purge Volume: 7.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.40

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1156 Weather Conditions: clear
 Sample Time/Date: 1235 | 9-22-07 Water Color: cloudy Odor: Y 100
 Approx. Flow Rate: _____ gpm. Sediment Description: light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 22.13

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - °S)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>1203</u>	<u>2.5</u>	<u>7.34</u>	<u>295</u>	<u>19.2</u>	PRE: <u>14</u>	PRE: <u>32</u>
<u>1210</u>	<u>5.0</u>	<u>7.21</u>	<u>286</u>	<u>18.7</u>		
<u>1216</u>	<u>7.5</u>	<u>7.12</u>	<u>273</u>	<u>18.9</u>	POST: <u>21</u>	POST: <u>51</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- <u>9</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> x 500ml Ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956
 Site Address: 3810 Broadway Event Date: 9-22-08 (inclusive)
 City: Oakland, CA Sampler: SH

Well ID: MW-10 Date Monitored: 9-22-08
 Well Diameter: 2 in.
 Total Depth: 93.17 ft.
 Depth to Water: 19.27 ft. Check if water column is less than 0.50 ft.
13.90 xVF .17 = 2.36 x3 case volume = Estimated Purge Volume: 7.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.05

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1103 Weather Conditions: Cloudy
 Sample Time/Date: 1140 / 9-22-08 Water Color: Cloudy Odor: YIN
 Approx. Flow Rate: _____ gpm. Sediment Description: light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 26.7

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1111</u>	<u>2.5</u>	<u>7.45</u>	<u>373</u>	<u>18.6</u>	PRE: _____	PRE: _____
<u>1117</u>	<u>5.0</u>	<u>7.36</u>	<u>354</u>	<u>18.3</u>	_____	_____
<u>1124</u>	<u>7.5</u>	<u>7.29</u>	<u>362</u>	<u>18.2</u>	POST: _____	POST: _____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 800ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-08 (inclusive)
 Sampler: JH

Well ID: MW-11
 Well Diameter: 2 in.
 Total Depth: 39.41 ft.
 Depth to Water: 27.91 ft.

Date Monitored: 9-22-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.21 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 0913 Weather Conditions: Clear
 Sample Time/Date: 0945 / 9-22-08 Water Color: Cloudy Odor: Y N
 Approx. Flow Rate: _____ gpm. Sediment Description: Light
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 28.63

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0920</u>	<u>2</u>	<u>7.31</u>	<u>380</u>	<u>16.7</u>	PRE: _____	PRE: _____
<u>0926</u>	<u>4</u>	<u>7.21</u>	<u>371</u>	<u>17.2</u>	_____	_____
<u>0930</u>	<u>6</u>	<u>7.09</u>	<u>354</u>	<u>17.3</u>	POST: _____	POST: _____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>3</u> x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 9-22-08 (inclusive)
 Sampler: SH

Well ID: MW-12
 Well Diameter: 2 in.
 Total Depth: 29.61 ft.
 Depth to Water: 21.48 ft.

Date Monitored: 9-22-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.11
 $8.13 \times VF_{.17} = 1.38$ x3 case volume = Estimated Purge Volume: 4.5 gal.

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1336
 Sample Time/Date: 1410 / 9-22-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Clear
 Water Color: Cloudy Odor: PTN
 Sediment Description: Dark
 Volume: _____ gal. DTW @ Sampling: 22.61

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - S)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1342</u>	<u>1.5</u>	<u>7.21</u>	<u>447</u>	<u>19.8</u>	PRE: _____	PRE: _____
<u>1348</u>	<u>3.0</u>	<u>7.4</u>	<u>454</u>	<u>18.9</u>	_____	_____
<u>1352</u>	<u>4.5</u>	<u>7.08</u>	<u>462</u>	<u>18.9</u>	POST: _____	POST: _____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-12	6 x vovial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



09240864

For Lancaster Laboratories use only
 Acct. #: 10904 Sample # 5479929-38 Group #: 004203

111878

Facility #: SS#211283-QML G-R#386956 Global ID#T0600101108
 Site Address: 3810 BROADWAY, OAKLAND, CA
 Chevron PM: JR Lead Consultant: GRACE
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
 Consultant Phone #925-551-7555 Fax #: 925-551-7899
 Sampler: Steve Hunter

Matrix	Analyses Requested										
	Preservation Codes										
Soil Water Oil <input type="checkbox"/> Air	Potable NPDES	Total Number of Containers	BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GFO	TPH 8015 MOD DFO <input type="checkbox"/> Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead	Method	Method	ETM (8260)
			4	H							

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

J value reporting needed
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
 Confirm highest hit by 8260
 Confirm all hits by 8260
 Run ___ oxy's on highest hit
 Run ___ oxy's on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil <input type="checkbox"/> Air	Total Number of Containers	BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GFO	TPH 8015 MOD DFO <input type="checkbox"/> Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead	Method	Method
RA	9-22-08	-	X			X		2	X	X						
MW-1		1625	X			X		8	X	X	X					X
MW-4		1500	X			X		8	X	X	X					X
MW-5B		1530	X			X		8	X	X	X					X
MW-6		1320	X			X		8	X	X	X					X
MW-7		1050	X			X		8	X	X	X					X
MW-9		1235	X			X		8	X	X	X					X
MW-10		1140	X			X		8	X	X	X					X
MW-11		0945	X			X		8	X	X	X					X
MW-12		1410	X			X		8	X	X	X					X

Comments / Remarks

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

Relinquished by: *[Signature]* Date: 9-22-08 Time: 10:00
 Relinquished by: *[Signature]* Date: 09-24-08 Time: 10:00
 Relinquished by: *[Signature]* Date: 9/22/08 Time: 14:10
 Relinquished by Commercial Carrier: UPS FedEx Other: *DHL*
 Temperature Upon Receipt: 40-2.5 °C

Received by: *[Signature]* Date: 09-24-08 Time: 10:00
 Received by: *[Signature]* Date: 24 SEP 08 Time: 11:36
 Received by: *[Signature]* Date: 9/23/08 Time: 09:30
 Customary Seals Intact? Yes

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



RECEIVED

OCT 27 2008

GETTLER-RYAN
GENERAL CONTRACTORS

October 23, 2008

Ms. Cheryl Hansen
c/o Gettler-Ryan
6747 Sierra Court Suite J
Dublin, CA 94568

Dear Cheryl:

On September 22, 2008, we received four water samples for DRO analysis. The recoveries of DRO in the LCS and LCSD associated with the first trial of the samples failed, and were outside the acceptance limits low. A second extraction was performed, and the QC from that extraction was within specifications. When we compared the data from the first trial to the second trial, we observed that the sample patterns and results did not match. There was no more sample available to perform a third trial to decipher what may have happened. In an attempt to define what samples may have been switched, we checked our results against the GRO and BTEX data; however, that did not give us enough information to make a positive identification of the samples.

The analysis for DRO was deleted from the samples. The affected samples are:

LLI Sample No.	Client Sample Identification	Collection Date	Project
5479935	MW-9-W-080922 Grab Water	9/22/08	211283
5479936	MW-10-W-080922 Grab Water	9/22/08	211283
5479937	MW-11-W-080922 Grab Water	9/22/08	211283
5479938	MW-12-W-080922 Grab Water	9/22/08	211283

I apologize for any inconvenience this situation may have caused. Please feel free to contact me if you have any further questions.

Sincerely,

Jenifer E. Hess
Manager
Environmental Sciences

JEH/mcs

cc: Jill Parker

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

RECEIVED

OCT 22 2003

GETTLER-RYAN INC.
GENERAL CONTRACTORSSAMPLE GROUP

The sample group for this submittal is 1111878. Samples arrived at the laboratory on Thursday, September 25, 2008. The PO# for this group is 0015024486 and the release number is ROBB.

Client Description

QA-T-080922 NA Water
MW-1-W-080922 Grab Water
MW-4-W-080922 Grab Water
MW-5B-W-080922 Grab Water
MW-6-W-080922 Grab Water
MW-7-W-080922 Grab Water
MW-9-W-080922 Grab Water
MW-10-W-080922 Grab Water
MW-11-W-080922 Grab Water
MW-12-W-080922 Grab Water

Lancaster Labs Number

5479929
5479930
5479931
5479932
5479933
5479934
5479935
5479936
5479937
5479938

ELECTRONIC CRA c/o Gettler-Ryan
COPY TO

Attn: Cheryl Hansen



Analysis Report

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

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

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Christine Dulaney".

Christine Dulaney
Senior Specialist

Lancaster Laboratories Sample No. WW5479929
Group No. 1111878
QA-T-080922 NA Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 QA
 Collected: 09/22/2008

Account Number: 10904

 Submitted: 09/25/2008 09:30
 Reported: 10/21/2008 at 15:48
 Discard: 11/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

1283Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008	17:40	Carrie E Youtzy	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	10/01/2008	13:58	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008	17:40	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/01/2008	13:58	Ginelle L Feister	1

Lancaster Laboratories Sample No. **WW5479930**

Group No. **1111878**

MW-1-W-080922 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-1
 Collected: 09/22/2008 16:25 by SH

Account Number: 10904

Submitted: 09/25/2008 09:30
 Reported: 10/21/2008 at 15:48
 Discard: 11/21/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

12831

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	190	Detection Limit	ug/l	1
06609	DRO (C10-C28)	n.a.	700	Detection Limit	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008 20:31	Carrie E Youtzy	1
06609	DRO (C10-C28)	SW-846 8015B	1	09/27/2008 05:39	Lisa A Reinert	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 03:24	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008 20:31	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008 03:24	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/26/2008 02:40	Roman Kuropatkin	1

Lancaster Laboratories Sample No. WW5479931
Group No. 1111878
MW-4-W-080922 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-4
 Collected: 09/22/2008 15:00 by SH

Account Number: 10904

 Submitted: 09/25/2008 09:30
 Reported: 10/21/2008 at 15:48
 Discard: 11/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

12834

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit	ug/l	1
06609	DRO (C10-C28)	n.a.	59	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008 20:55	Carrie E Youtzy	1
06609	DRO (C10-C28)	SW-846 8015B	1	09/27/2008 05:59	Lisa A Reinert	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 03:48	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008 20:55	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008 03:48	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/26/2008 02:40	Roman Kuropatkin	1

Lancaster Laboratories Sample No. WW5479932
Group No. 1111878
MW-5B-W-080922 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-5B
 Collected: 09/22/2008 15:50 by SH

Account Number: 10904

 Submitted: 09/25/2008 09:30
 Reported: 10/21/2008 at 15:49
 Discard: 11/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

12835

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	280	50	ug/l	1
06609	DRO (C10-C28)	n.a.	110	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	22	0.5	ug/l	1
05401	Benzene	71-43-2	9	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008	21:20	Carrie E Youtzy	1
06609	DRO (C10-C28)	SW-846 8015B	1	09/27/2008	06:19	Lisa A Reinert	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008	04:12	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008	21:20	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008	04:12	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/26/2008	02:40	Roman Kuropatkin	1

Lancaster Laboratories Sample No. WW5479933
Group No. 1111878
MW-6-W-080922 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-6
 Collected: 09/22/2008 13:20 by SH

Account Number: 10904

 Submitted: 09/25/2008 09:30
 Reported: 10/21/2008 at 15:49
 Discard: 11/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

12836

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	1,400	50	ug/l	1
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.					
06609	DRO (C10-C28)	n.a.	780	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	6	0.5	ug/l	1
05401	Benzene	71-43-2	52	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	6	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1	0.5	ug/l	1
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.					

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008 21:47	Carrie E Youtzy	1
06609	DRO (C10-C28)	SW-846 8015B	1	09/27/2008 06:39	Lisa A Reinert	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 04:36	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008 21:47	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008 04:36	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/26/2008 02:40	Roman Kuropatkin	1



Analysis Report

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

Page 2 of 2

Lancaster Laboratories Sample No. WW5479933

Group No. 1111878

MW-6-W-080922 Grab Water

Facility# 211283 Job# 386956 GRD

3810 Broadway-Oakland T0600101108 MW-6

Collected: 09/22/2008 13:20 by SH

Account Number: 10904

Submitted: 09/25/2008 09:30

Reported: 10/21/2008 at 15:49

Discard: 11/21/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

12836

Lancaster Laboratories Sample No. **WW5479934**

Group No. **1111878**

MW-7-W-080922 Grab Water

Facility# **211283** Job# **386956 GRD**

3810 Broadway-Oakland T0600101108 MW-7

Collected: 09/22/2008 10:50 by **SH**

Account Number: **10904**

Submitted: 09/25/2008 09:30

Reported: 10/21/2008 at 15:49

Discard: 11/21/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

12837

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50	ug/l	1
06609	DRO (C10-C28)	n.a.	54	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008	22:12	Carrie E Youtzy	1
06609	DRO (C10-C28)	SW-846 8015B	1	09/27/2008	06:59	Lisa A Reinert	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008	05:00	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008	22:12	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008	05:00	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/26/2008	02:40	Roman Kuropatkin	1

Lancaster Laboratories Sample No. **WW5479935**

Group No. **1111878**

MW-9-W-080922 Grab Water

Facility# **211283** Job# **386956 GRD**

3810 Broadway-Oakland T0600101108 MW-9

Collected: 09/22/2008 12:35 by **SH**

Account Number: 10904

Submitted: 09/25/2008 09:30

Reported: 10/21/2008 at 15:49

Discard: 11/21/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

12839

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008 22:36	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 05:24	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008 22:36	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008 05:24	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5479936
Group No. 1111878
MW-10-W-080922 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-10
 Collected: 09/22/2008 11:40 by SH

Account Number: 10904

 Submitted: 09/25/2008 09:30
 Reported: 10/21/2008 at 15:49
 Discard: 11/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

28310

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	500	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.7	0.5	ug/l	1
05401	Benzene	71-43-2	2	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008 23:00	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 05:47	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008 23:00	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008 05:47	Michael A Ziegler	1

Lancaster Laboratories Sample No. **WW5479937**

 Group No. **1111878**
MW-11-W-080922 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-11
 Collected: 09/22/2008 09:45 by SH

Account Number: 10904

 Submitted: 09/25/2008 09:30
 Reported: 10/21/2008 at 15:49
 Discard: 11/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

28311

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008 23:25	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 06:11	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008 23:25	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008 06:11	Michael A Ziegler	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. **WW5479938**

Group No. **1111878**

MW-12-W-080922 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-12
Collected: 09/22/2008 14:10 by SH

Account Number: 10904

Submitted: 09/25/2008 09:30
Reported: 10/21/2008 at 15:49
Discard: 11/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

28312

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	13,000	250	ug/l	5
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	100	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	16	1	ug/l	2
05401	Benzene	71-43-2	1,800	10	ug/l	20
05407	Toluene	108-88-3	93	1	ug/l	2
05415	Ethylbenzene	100-41-4	480	10	ug/l	20
06310	Xylene (Total)	1330-20-7	1,200	1	ug/l	2

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	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/29/2008 23:49	Carrie E Youtzy	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 06:35	Michael A Ziegler	2
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	10/02/2008 06:58	Michael A Ziegler	20
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2008 23:49	Carrie E Youtzy	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/02/2008 06:35	Michael A Ziegler	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/02/2008 06:58	Michael A Ziegler	20

Quality Control Summary

 Client Name: Chevron
 Reported: 10/21/08 at 03:49 PM

Group Number: 1111878

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 082690026A DRO (C10-C28)	N.D.	32.	ug/l	79	79	63-119	0	20
Batch number: 08273A07A TPH-GRO - Waters	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: D082752AA Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		73-119		
Benzene	N.D.	0.5	ug/l	95		78-119		
Toluene	N.D.	0.5	ug/l	100		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		83-113		
Batch number: D082753AA Ethanol	N.D.	50.	ug/l	105		45-156		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		73-119		
Benzene	N.D.	0.5	ug/l	92		78-119		
Toluene	N.D.	0.5	ug/l	96		85-115		
Ethylbenzene	N.D.	0.5	ug/l	94		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 08273A07A TPH-GRO - Waters	89		63-154			UNSPK: P478485			
Batch number: D082752AA Methyl Tertiary Butyl Ether	86	98	69-127	11	30	UNSPK: P479897			
Benzene	100	101	83-128	1	30				
Toluene	105	108	83-127	3	30				
Ethylbenzene	102	104	82-129	2	30				
Xylene (Total)	104	105	82-130	1	30				
Batch number: D082753AA Ethanol	127	127	32-164	0	30	UNSPK: P476409			
Methyl Tertiary Butyl Ether	55*	92	69-127	18	30				
Benzene	101	102	83-128	1	30				
Toluene	103	104	83-127	1	30				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1111878

Reported: 10/21/08 at 03:49 PM

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

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Ethylbenzene	102	104	82-129	1	30				
Xylene (Total)	102	104	82-130	2	30				

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: DRO (C10-C28)
 Batch number: 082690026A
 Orthoterphenyl

5479930	75
5479931	84
5479932	74
5479933	71
5479934	75
Blank	80
LCS	92
LCSD	92

Limits: 59-131

 Analysis Name: TPH-GRO - Waters
 Batch number: 08273A07A
 Trifluorotoluene-F

5479929	112
5479930	114
5479931	109
5479932	119
5479933	160*
5479934	110
5479935	112
5479936	125
5479937	113
5479938	142*
Blank	112
LCS	122
LCSD	121
MS	122

Limits: 63-135

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: D082752AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5479929	109	110	109	109
Blank	104	107	108	107

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 10/21/08 at 03:49 PM

Group Number: 1111878

Surrogate Quality Control

LCS	101	106	105	111
MS	102	109	107	110
MSD	104	109	108	112
Limits:	80-116	77-113	80-113	78-113
Analysis Name: BTEX, MTBE, ETOH				
Batch number: D082753AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5479930	94	97	95	99
5479931	98	101	98	99
5479932	98	100	100	103
5479933	96	104	97	103
5479934	98	103	96	99
5479935	97	101	96	100
5479936	96	99	98	100
5479937	100	106	100	102
5479938	96	101	101	102
Blank	96	106	96	97
LCS	97	107	97	106
MS	97	100	98	104
MSD	97	104	98	104
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

Organic Qualifiers	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is <CRDL, but ≥IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike amount not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
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 confirmation columns >25%	* Duplicate analysis not within control limits
U Compound was not detected	+ Correlation coefficient for MSA <0.995
X,Y,Z Defined in case narrative	

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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CHEVRON SERVICE STATION #211283
Oakland, CA

SPECIAL EVENT
OF November 6, 2008



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956
 Site Address: 3810 Broadway Event Date: 11/06/08 (inclusive)
 City: Oakland, CA Sampler: HAIG K.

Well ID: MW-9 Date Monitored: 11/06/08

Well Diameter: 2 in.

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

Total Depth: 33.92 ft.

Depth to Water: 19.15 ft. Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.10 xVF 0.17 = 2.5 x3 case volume = Estimated Purge Volume: 7.5 gal.

Purge Equipment:

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

Sampling Equipment:

- Disposable Bailer
- Pressure Bailer
- Discrete Bailer
- Peristaltic Pump
- QED Bladder Pump
- Other:

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

Start Time (purge): 1038 Weather Conditions: SUNNY
 Sample Time/Date: 1105/11/06/08 Water Color: CLOUDY Odor: Y (N)
 Approx. Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 20.74

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - US)	Temperature (C / F)	D.O (mg/L)	ORP (mV)
<u>1043</u>	<u>2.5</u>	<u>6.76</u>	<u>442</u>	<u>18.5</u>	_____	_____
<u>1048</u>	<u>5</u>	<u>6.71</u>	<u>450</u>	<u>18.8</u>	_____	_____
<u>1054</u>	<u>7.5</u>	<u>6.68</u>	<u>454</u>	<u>18.7</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956
 Site Address: 3810 Broadway Event Date: 11/06/08 (inclusive)
 City: Oakland, CA Sampler: HAG K.

Well ID MW-10

Date Monitored: 11/06/08

Well Diameter 2 in.

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

Total Depth 33.17 ft.

Depth to Water 18.92 ft. Check if water column is less than 0.50 ft.

14.25 xVF 0.17 = 2 x3 case volume = Estimated Purge Volume: 6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.77

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>0.5</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal
Product Transferred to:	_____

Start Time (purge): 0953 Weather Conditions: SUNNY
 Sample Time/Date: 1020/11/06/08 Water Color: CLOUDY Odor: (Y) N
 Approx. Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 20.31

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	DO (mg/L)	ORP (mV)
<u>0957</u>	<u>2</u>	<u>6.81</u>	<u>591</u>	<u>18.5</u>	_____	_____
<u>1002</u>	<u>4</u>	<u>6.78</u>	<u>596</u>	<u>18.7</u>	_____	_____
<u>1007</u>	<u>6</u>	<u>6.74</u>	<u>598</u>	<u>18.7</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956
 Site Address: 3810 Broadway Event Date: 11/06/08 (inclusive)
 City: Oakland, CA Sampler: HAG K.

Well ID: MW-11 Date Monitored: 11/06/08

Well Diameter: 2 in.

Total Depth: 39.41 ft.

Depth to Water: 27.65 ft.

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.00
 $11.76 \times VF 0.17 = 2$ x3 case volume = Estimated Purge Volume: 6 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 0912 Weather Conditions: SUNNY
 Sample Time/Date: 0935/11/06/08 Water Color: CLOUDY Odor: Y (N)
 Approx. Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 28.87

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0916</u>	<u>2</u>	<u>7.04</u>	<u>530</u>	<u>17.9</u>		
<u>0920</u>	<u>4</u>	<u>6.98</u>	<u>526</u>	<u>17.8</u>		
<u>0925</u>	<u>6</u>	<u>6.95</u>	<u>527</u>	<u>18.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283
 Site Address: 3810 Broadway
 City: Oakland, CA

Job Number: 386956
 Event Date: 11/06/08 (inclusive)
 Sampler: HAIG K.

Well ID: MW-12
 Well Diameter: 2 in.
 Total Depth: 29.61 ft.
 Depth to Water: 21.20 ft.

Date Monitored: 11/06/08

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.88
 Check if water column is less than 0.50 ft.
 xVF = 0.17 = 1 x3 case volume = Estimated Purge Volume: 3 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1122 Weather Conditions: SUNNY
 Sample Time/Date: 1140/11/06/08 Water Color: CLOUDY Odor: (Y) N
 Approx. Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 21.93

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C) (F)	D.O. (mg/L)	ORP (mV)
<u>1125</u>	<u>1</u>	<u>6.73</u>	<u>553</u>	<u>18.9</u>		
<u>1127</u>	<u>2</u>	<u>6.67</u>	<u>555</u>	<u>19.0</u>		
<u>1130</u>	<u>3</u>	<u>6.65</u>	<u>559</u>	<u>19.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-12</u>	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</u>

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody



11 06 08-12

Acct. #: 10904 For Lancaster Laboratories use only Sample # 5521241-44 Group #: 009023

1118913

Facility #: <u>SS#211283-OML GR#380956 Global ID#T0600T01108</u> Site Address: <u>3810 BROADWAY, OAKLAND, CA</u> Site Address: <u>IR GRACE</u> Chevron PM: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u> Consultant/Office: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Prj. Mgr.: <u>925-551-7555</u> <u>925-551-7899</u> Consultant Phone #: _____ Fax #: _____ Sampler: <u>HAIG KEVORK</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		Analyses Requested Preservation Codes Total Number of Containers 816X + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method Dissolved Lead Method										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits				
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	816X + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	Comments / Remarks	
MW-9	11/6/08	1105	X			X			29999999			X								
MW-10	↓	1020	X			X						X								
MW-11	↓	0935	X			X						X								
MW-12	↓	1140	X			X						X								

Turnaround Time Requested (TAT) (please circle) STD. TAT 72 hour 48 hour 24 hour 4 day 5 day		Relinquished by: <u>[Signature]</u> Date: <u>11/6/08</u> Time: <u>1224</u> Received by: <u>A. Salazar</u> Date: <u>06 November</u> Time: <u>1230</u>	
Data Package Options (please circle if required) QC Summary Type I - Full EDF/EDD Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk		Relinquished by: <u>A. Salazar</u> Date: <u>06 November</u> Time: <u>1638</u> Received by: <u>[Signature]</u> Date: _____ Time: _____	
Relinquished by Commercial Carrier: UPS FedEx Other <u>[Signature]</u>		Received by: <u>[Signature]</u> Date: <u>11/6/08</u> Time: <u>0950</u>	
Temperature Upon Receipt: <u>11.0-5.2</u> °C		Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	



Analysis Report

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

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

RECEIVED

NOV 17 2008

GETTLER-RYAN INC.
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 1118913. Samples arrived at the laboratory on Friday, November 07, 2008. The PO# for this group is 0015024486 and the release number is ROBB.

Client Description

MW-9-W-081106 Grab Water
MW-10-W-081106 Grab Water
MW-11-W-081106 Grab Water
MW-12-W-081106 Grab Water

Lancaster Labs Number

5521241
5521242
5521243
5521244

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen



Analysis Report

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

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

Respectfully Submitted,

A handwritten signature in black ink that reads "Jenifer E. Hess".

Jenifer E. Hess
Manager

Lancaster Laboratories Sample No. **WW5521241**

Group No. **1118913**

MW-9-W-081106 Grab Water
 Facility# 211283 Job# 386956 GRD
 3810 Broadway-Oakland T0600101108 MW-9
 Collected: 11/06/2008 11:05 by HK

Account Number: 10904

Submitted: 11/07/2008 09:50
 Reported: 11/17/2008 at 10:11
 Discard: 12/18/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

12839

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
06609	DRO (C10-C28)	n.a.	N.D.	Detection Limit 50	ug/l	1
The DRO analysis was performed on a resample due to a laboratory error during the extraction/analysis of the first submission.						

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
06609	DRO (C10-C28)	SW-846 8015B	1	11/10/2008 11:43	Diane V Do	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/09/2008 10:30	Kelli M Barto	1

Lancaster Laboratories Sample No. **WW5521242**

Group No. **1118913**

MW-10-W-081106 Grab Water
 Facility# 211283 Job# 386956 GRD
 3810 Broadway-Oakland T0600101108 MW-10
 Collected:11/06/2008 10:20 by HK

Account Number: 10904

Submitted: 11/07/2008 09:50
 Reported: 11/17/2008 at 10:11
 Discard: 12/18/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

28310

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
06609	DRO (C10-C28)	n.a.	550	Detection Limit 50	ug/l	1
The DRO analysis was performed on a resample due to a laboratory error during the extraction/analysis of the first submission.						

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
06609	DRO (C10-C28)	SW-846 8015B	1	11/10/2008 13:03	Diane V Do	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/09/2008 10:30	Kelli M Barto	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5521243

Group No. 1118913

MW-11-W-081106 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-11
Collected:11/06/2008 09:35 by HK

Account Number: 10904

Submitted: 11/07/2008 09:50
Reported: 11/17/2008 at 10:11
Discard: 12/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

28311

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06609	DRO (C10-C28)	n.a.	N.D.	50	ug/l	1
The DRO analysis was performed on a resample due to a laboratory error during the extraction/analysis of the first submission.						

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
06609	DRO (C10-C28)	SW-846 8015B	1	11/10/2008 12:03	Diane V Do	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/09/2008 10:30	Kelli M Barto	1

Lancaster Laboratories Sample No. **WW5521244**

Group No. **1118913**

MW-12-W-081106 Grab Water

Facility# **211283** Job# **386956 GRD**

3810 Broadway-Oakland T0600101108 MW-12

Collected: 11/06/2008 11:40 by **HK**

Account Number: 10904

Submitted: 11/07/2008 09:50

Reported: 11/17/2008 at 10:11

Discard: 12/18/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

28312

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
06609	DRO (C10-C28)	n.a.	1,600	Detection Limit 50	ug/l	1
The DRO analysis was performed on a resample due to a laboratory error during the extraction/analysis of the first submission.						

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
06609	DRO (C10-C28)	SW-846 8015B	2	11/10/2008 12:23	Lisa A Reinert	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/09/2008 10:30	Kelli M Barto	1

Quality Control Summary

Client Name: Chevron
Reported: 11/17/08 at 10:11 AM

Group Number: 1118913

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 083130002A DRO (C10-C28)	Sample number(s): 5521241-5521244							
	N.D.	32.	ug/l	99	94	63-119	5	20

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: DRO (C10-C28)
Batch number: 083130002A
Orthoterphenyl

5521241	79
5521242	61
5521243	74
5521244	90
Blank	73
LCS	92
LCSD	88

Limits: 59-131

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

Organic Qualifiers	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is <CRDL, but ≥IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike amount not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
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 confirmation columns >25%	* Duplicate analysis not within control limits
U Compound was not detected	+ Correlation coefficient for MSA <0.995
X,Y,Z Defined in case narrative	

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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