

TRANSMITTAL

January 25, 2007 G-R #386956

TO:

Ms. Charlotte Evans

Cambria Environmental Technology, Inc.

5900 Hollis Street, Suite A Emeryville, California 94608 CC: Mr. Satya Sinha

Chevron Environmental Management Company

P.O. Box 6012, Room K2256 San Ramon, California 94583

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	January 25, 2007	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 18, 2006

COMMENTS:

Pursuant to your request, we are providing you with a copy of the above referenced report for **your** use and distribution to the following (via PDF):

Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 (Distributed by Cambria via PDF)

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to *February 9*, 2007, at which time the final report will be distributed to the following:

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

Enclosures



Satya P. Sinha Project Manager Retail and Terminal Business Unit Chevron Environmental Management Company 6001 Bollinger Canyon Road, Room K2256 San Ramon, CA 94583 Tel (925) 842-9876 Fax (925) 842-8370 satyasinha@chevron.com

January 25, 2007

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

RE: Chevron Service Station # 211283

Address 3810 Broadway, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated January 25, 2007

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

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

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

Sincerely,

Satya PUSinha

Attachment: Report



January 25, 2007 G-R Job #386956

Mr. Satya Sinha Chevron Environmental Management Company P.O. Box 6012, Room K2256 San Ramon, CA 94583

RE: Fourth Quarter Event of December 18, 2006

Groundwater Monitoring & Sampling Report Former Texaco Service Station 3810 Broadway Oakland, California (Site #211283)

Dear Mr. Sinha:

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

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

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

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

Sincerely.

Deanna L. Harding Project Coordinator

Douglas J. Lee

Senior Geologist, P.G. No. 6882

Figure 1: Potentiometric Map

Table 1: Groundwater Monitoring Data and Analytical Results

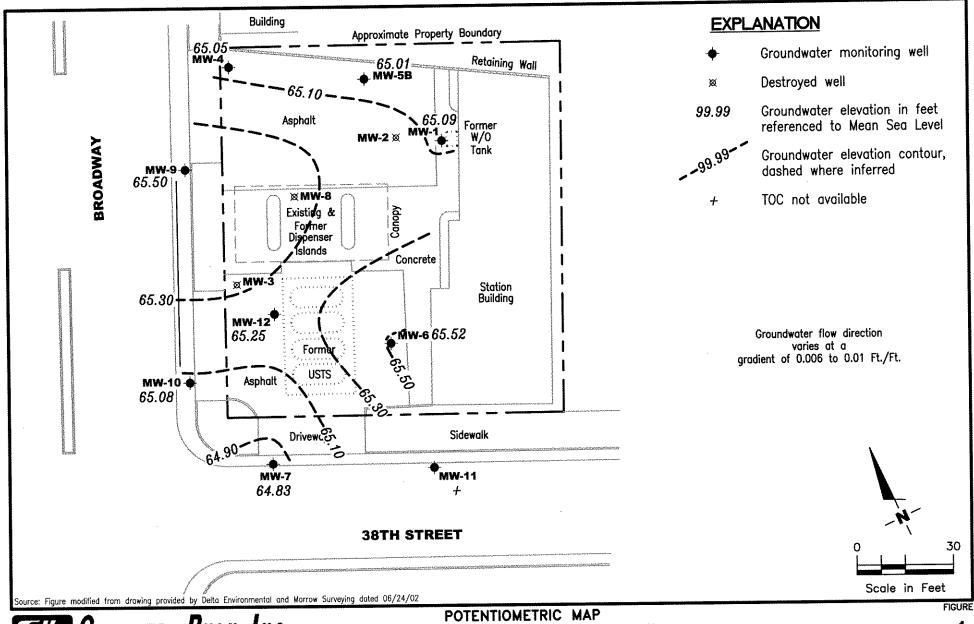
Table 2: Field Measurements

Attachments: Standard Operating Procedure - Groundwater Sampling

Field Data Sheets

Chain of Custody Document and Laboratory Analytical Reports

No. 6882



6747 Sierra Court, Suite J Dublin, CA 94568 (925) 551-7555

Former Texaco Service Station 3810 Broadway

Oakland, California (Site #211283)

REVISED DATE December 18, 2006

386956
FILE NAME: P:\Enviro\Texaco\211283\Q06-211283.DWG | Layout Tab: Pot4

REVIEWED BY

PROJECT NUMBER

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

				Natural Control		Oakland	d, California				MTBE by	MTBE by	
				es por manar	CHENNET EN	TPH-G	В	T.	E	X	8021♦	8260	ETHANOL
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
DATE	(fi.)	(ft.)	(msl)	(fi.)	(ppb)	(PPv)	WPV	CKE W	W. W. T. V. J.	, SE # - /			
MW-1						-100	<0.5	<1.0	<1.0	<2.0			
06/28/96	86.69	21.77	64.92		<50	<100	<0.5	53	17	70	22	161	60 M
10/10/96	86.69	23.26	63.43		<400	520	9.2						**
11/07/96	86.69	23.27	63.42		••			-2.0	 -2.0	<3.0	<200		MA - MP-
12/18/97	86.69	19.70	66.99		<50	2,200	<3.0	<3.0	<3.0	<0.5	38.3		
04/06/98	86.69	16.88	69.81	M 49	<50	1,600	16.4	0.8	<0.5	<0.5 <0.5	<0.5	w.	
06/18/98	86.69	19.78	66.91		280	330	7.8	< 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	13	
12/21/98	86.69	22.15	64.54		130	130	2.3	0.90	< 0.5	< 0.5	110		
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						₩ W				
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	86.92	20.25	66.67		530	59	1.7	< 0.50	< 0.50	< 0.50	w 	< 5.0	
06/25/02	86.69	21.64	65.05	0.00	490°	< 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			END 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	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
	86.69	20.42	66.27	0.00	270	<50	<0.5	< 0.5	< 0.5	< 0.5		2	< 50
03/22/04 ¹⁰	86.69 86.69	21.93	64.76	0.00	130	<50	<0.5	<0.5	< 0.5	< 0.5		< 0.5	< 50
06/21/04 ¹⁰			63.70	0.00	240	<50	<0.5	< 0.5	<0.5	< 0.5		< 0.5	<50
09/20/04 ¹⁰	86.69	22.99		0.00		<50	<0.5	<0.5	<0.5	< 0.5		< 0.5	<50
12/20/04 ¹⁰	86.69	21.78	64.91		320°	<50	<0.5	<0.5	<0.5	< 0.5		0.6	<50
03/28/05 ¹⁰	86.69	19.28	67.41	0.00	400^{9}	<50	<0.5	~0.5	NO.3	\U.J		0.0	-50

Table 1 Groundwater Monitoring Data and Analytical Results Former Texaco Service Station (Site #211283)

3810 Broadway

						Oakianu,	Camornia				MTBE by	MTBE by	
4 4 7 1 T	TO 0*	DTW	GWE	SPHT	TPH-D	трн-С	В	T	E	X	8021.♦	8260	ETHANOL
WELL ID/ DATE	TOC*	(ft.)	(msl)	(fi.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
	U 19			9.7.									
MW-1 (cont)	97.70	20.82	65.87	0.00	20012	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
06/27/05 ¹⁰	86.69		64.52	0.00	62	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
09/19/05 ¹⁰	86.69	22.17		0.00	360 ¹⁶	- <50	<0.5	0.8	< 0.5	< 0.5		< 0.5	< 50
12/19/05 ¹⁰	86.69	22.06	64.63	0.00	320	77	< 0.5	0.5	2	4		0.7	< 50
03/27/06 ¹⁰	86.69	18.27	68.42	0.00	290	<50	<0.5	<0.5	< 0.5	< 0.5		< 0.5	< 50
06/26/06 ¹⁰	86.69	20.20	66.49	0.00	270	<50	<0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
09/25/06 ¹⁰	86.69	21.86	64.83			- DUE TO BE							MA AND
12/18/06	86.69	21.60	65.09	UNABLE	IU SAWIFLE	- DUE 10 BE	WEELC	AON (G					
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					m=				m 	
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	m ==	
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		CTION IN W	'ELL	=-	**							w.e
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			
06/19/016	83.63	18.55	65.08		< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	
09/05/01 ⁶	83.63	19.10	64.53	10-16	710	< 50	< 0.50	< 0.50	< 0.50	< 0.50		< 5.0	w w-
12/20/01	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		***

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283) 3810 Broadway

							, California				MTBE by	MTBE by	
WELL ID/	тос*	DTW	GWE	SPHT	TPH-D	TPH-G	В	T	E	X	8021♦	8260	ETHANOL
DATE	(ft.)	(ft.)	(msl)	(fi.)	(ppb)	(ppb)	(ppb)	(pph)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-4 (cont)													
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	NA em
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	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	w	< 0.5	< 50
12/20/04	83.31	18.59	64.72	0.00	669	<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°	< 50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
06/27/05 ¹⁰	83.31	17.61	65.70	0.00	12012	< 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	AV 100.	< 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
12/10/00	00.01	10,	00100								-		
MW-5B													
06/25/027	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		-
03/20/03	85.36	INACCESS	SIBLE - VEH	IICLE OVE	R WELL								
06/23/0310	85.36	20.18	65.18	0.00	300	< 50	< 0.5	< 0.5	< 0.5	< 0.5		290	
09/22/0310	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
03/22/0410	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	4009	< 50	< 0.5	< 0.5	< 0.5	< 0.5	NA 400	48	<50
03/28/05 ¹⁰	85.36	18.12	67.24	0.00	4809	<50	< 0.5	< 0.5	< 0.5	< 0.5		67	<50
06/27/0510	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

Table 1 **Groundwater Monitoring Data and Analytical Results**Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

						Çantana.	, California				MTBE by	MTBE by	
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	В	${f r}$	E	X	8021♦	8260	ETHANOL
DATE	(fi.)	(ft.)	(msl)	(fi.)	(pph)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-5B (cont)		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>											
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	7-	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
12/10/00	93,30	20.00	02101	0,00	20.0								
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			***				44.14			
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	-
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	INACCESS				10.00							w-
09/06/00	86.09	INACCESS				w ##							
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	
12/20/016	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

211283.xls/#386956

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283) 3810 Broadway

						Oakland	, California				MTBE by	MTBE by	
											WEIBE DY 8021♦	8260	ETHANOL
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	В		Œ	X			
DATE	(ft.)	(ft.)	(mst)	(fi.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-6 (cont)													
12/22/03 ¹⁰	86.09	21.63	64.46	0.00	2,300	9,700	1,700	240	450	1,000	-	6	<10011
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	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
MW-7								~ •	.0.*	-0.E	~F. ()		
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							.0.5	-20		
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	-
00/19/01	01.11	* /* *** */			•								

Table 1
Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283) 3810 Broadway

						Oakland,	, California				MTBE by	MTBE by	
									E	X	8021♦	8260	ETHANOL
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	B	T			(ppb)	(ppb)	(ppb)
DATE	(ft.)	(ft.)	(msl)	(fi.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(рри)	(PP-0)	······································
MW-7 (cont)												·7 O	
09/05/016	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	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	10 70	< 0.5	< 50
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	84.11	20.59	63.52	0.00	69	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
12/20/04	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°	< 50	< 0.5	< 0.5	< 0.5	< 0.5	w. 	< 0.5	< 50
03/28/05 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
06/27/05 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
	84.11	19.38	64.73	0.00	<50	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
12/19/05 ¹⁰	84.11	15.51	68.60	0.00	<50	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	<50
03/27/06 ¹⁰	84.11	17.85	66.26	0.00	70	< 50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
06/26/06 ¹⁰		17.63	64.58	0.00	<50	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	<50
09/25/06 ¹⁰ 12/18/06 ¹⁶	84.11 84.11	19.33	64.83	0.00	270	<50	<0.5	<0.5	< 0.5	< 0.5		< 0.5	<50
12/18/00	04.11	19.20	0 1100										
MW-9						4.5	2.7	12	2.2	13	<5.0	**	
10/10/96	82.17	18.62	63.55		520	80	2.5	13	4				
11/07/96	82.17	63.53	18.64					~-	-0.5		<30		
12/18/97	82.17	16.42	65.75		< 50	<50	< 0.5	< 0.5	<0.5	<0.5			
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		

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway Oakland, California

							, carronna				MTBE by	MTBE by	
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	В	r	E	X	8021♦	8260	ETHANOL
DATE	(ft.)	(ft.)	(msl)	(fi.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-9 (cont)													
09/24/99	82.17	17.89	64.28	***	< 50.0	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50		W W
12/29/99	82.17	18.01	64.16		52.8	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	<5.00		10 to
03/21/00	82.17	14.80	67.37	m m	72.4	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50		
07/26/00	82.17	17.17	65.00		83.6	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500	< 2.50		444 948
09/06/00	82.17	17.95	64.22		74.3	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	***		w
11/29/00	82.52	18.10	64.42	**	96.2	< 50.0	< 0.500	< 0.500	< 0.500	< 0.500		·w m	
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		< 0.50	
09/05/01 ⁶	82.52	17.98	64.54		<50	< 50	< 0.50	< 0.50	< 0.50	1.6	.w.	< 5.0	MA NEK
12/20/01 ⁶	82.52	16.85	65.67	***	84	<50	< 0.50	< 0.50	< 0.50	< 0.50	**	<5.0	
06/25/02	82.17	17.12	65.05	0.00	100	< 50	< 0.50	< 0.50	< 0.50	<1.5	< 2.5	**	
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		14.14
06/23/0310	82.17	17.14	65.03	0.00	<50	< 50	< 0.5	< 0.5	< 0.5	< 0.5	**	0.7	146 145
09/22/03 ¹⁰	82.17	17.72	64.45	0.00	66	< 50	< 0.5	< 0.5	< 0.5	< 0.5		0.7	< 50
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		1	< 50
09/20/0410	82.17	18.14	64.03	0.00	120	< 50	< 0.5	< 0.5	< 0.5	< 0.5		1	< 50
12/20/0410	82.17	17.15	65.02	0.00	74°	< 50	< 0.5	< 0.5	< 0.5	< 0.5		2	< 50
03/28/0510	82.17	15.47	66.70	0.00	849	< 50	< 0.5	< 0.5	< 0.5	< 0.5		3	<50
06/27/0510	82.17	16.41	65.76	0.00	140^{12}	< 50	< 0.5	< 0.5	< 0.5	< 0.5		3	<50
09/19/0510	82.17	17.42	64.75	0.00	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5		5	< 50
12/19/0510	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		7	< 50
06/26/06 ¹⁰	82.17	15.90	66.27	0.00	110	< 50	< 0.5	< 0.5	< 0.5	< 0.5	~=	9 ~	<50
09/25/06 ¹⁰	82.17	17.27	64.90	0.00	57	<50	< 0.5	< 0.5	< 0.5	< 0.5	w •	8	<50
12/18/06 ¹⁰	82.17	16.67	65.50	0.00	220	< 50	< 0.5	< 0.5	< 0.5	< 0.5		7	<50
MW-10													
10/10/96	81.83	18.40	63.43		<50	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0		

Table 1
Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283) 3810 Broadway

						Oakland.	California				MTBE by	MTBE by	
				A section	CHARLES TA	TPH-G	В		T.	X	8021♦	8260	ETHANOL
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D		(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
DATE	(ft.)	(ft.)	(msl)	(fi.)	(ppb)	(ppb)	(Project)	· · · · · · · · · · · · · · · · · · ·	····· Weekey ·····	SCP 9	TO COLORS FOR COLORS		<u> </u>
MW-10 (cont)													
11/07/96	81.83	18.43	63.40					0.07	0.00	0.77	<30		
12/18/97	81.83	16.18	65.65		<50	350	6.9	0.87	0.88	253	<30	W-99	er m
04/06/98	81.83	14.39	67.44		<50	2,300	224	168	81.4		<0.5		
06/18/98	81.83	15.11	66.72		320	7,200	310	210	83	280			
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	7.7
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	No 187	
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		w. 	
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	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	w. w.	2	< 50
12/20/04 ¹⁰	81.83	17.01	64.82	0.00	170°	480	13	2	1	7		2	< 50
03/28/05 ¹⁰	81.83	14.64	67.19	0.00	450°	1,900	64	46	55	140		1	<50
03/28/05 ¹⁰	81.83	15.99	65.84	0.00	40015	1,700	140	61	33	180		3	< 50
06/27/05 ¹⁰	81.83	17.35	64.48	0.00	170	1,200	98	35	58	110		5	<50
	81.83	17.12	64.71	0.00	16014	1,000	61	23	20	47		5	< 50
12/19/05 ¹⁰	81.83	17,12	04.71	0,00	100	1,000	01			*			

Table 1
Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway Oakland, California

						Janiano	i, Camornia				MTBE by	MTBE by	
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	В	T	E	X	8021♦	8260	ETHANOL
DATE	(ft.)	(ft.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-10 (cont)			<u> </u>						- 1 - 1 1 2 - 1 - 1 - 1 - 1				
03/27/06 ¹⁰	81.83	13.35	68.48	0.00	180	670	6	. 4	8	11		5	< 50
06/26/0610	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
MW-11											-		
08/08/00	12 As	25.61				***						M 49	
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	44.96	< 0.50	
09/05/01 ⁶	90.63	26.42	64.21		< 50	< 50	< 0.50	< 0.50	< 0.50	0.68		< 5.0	
12/20/016	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	
09/22/0310	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
03/22/0410	8	24.13	8	0.00	< 50	< 50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	<50
06/21/0410	8	25.74	8	0.00	79	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 50
09/20/0410	-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
03/28/0510	8	23.03	8	0.00	58°	<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
03/27/0610	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

Table 1
Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283) 3810 Broadway

WELLID TOC DTW GWE SPHT TPH-D TPH-G B T E X 8021		MTBE by	MTBE by				California	Oakland,						
MNL-11 (cont) MW-12 (66.25/02) MW-18 (77) MW-19 (78) MW-19 (7	ETHANOL			i i i i i i i i i i i i i i i i i i i										
MW-11 (cont) 90/25/06	(ppb)					20,000,000,000,000,000,000,000,000				ana mana mana mana mana mana mana mana		atamatan da tahun jab	TOC*	WELL ID/
99/25/06 ¹⁰	PP	(ppa)	(PPv)	урроу	(рро)	(ppo)	(ppb)	(ppb)	(pph)	(fi.)	(msl)	(ft.)	(ft.)	DATE
09/25/06	<50	z0.5		.0.5										MW-11 (cont)
MW-12 6625/60 ² 84.19 18.65 65.54 0.00 410 1.000 340 8.2 16 8.3 11 6623/00 ² 84.19 18.65 65.54 0.00 450 450 450 11 <0.50 <0.50 <0.50 <1.5 9.8 12/19/02 84.19 18.67 65.52 0.00 450 450 450 11 <0.50 <0.50 <1.5 9.8 12/19/02 84.19 18.67 65.52 0.00 450 450 450 11 <0.50 <0.50 <1.5 9.8 12/19/03 84.19 17.97 66.22 0.00 300 280 120 1.9 11 <0.5 2.6 66/23/03 ¹⁰ 84.19 19.52 64.67 0.00 270 <50 9 <0.5 0.5 <0.5 <0.5 <0.5 12/19/03 84.19 19.55 64.44 0.00 130 720 130 29 10 46 12/19/03 84.19 19.55 64.44 0.00 130 720 130 29 10 46 12/19/04 84.19 17.06 67.13 0.00 240 <50 3 <0.5 <0.5 <0.5 1 05/21/04 ¹⁰ 84.19 19.99 64.20 0.00 340 <0.50 340 43 <0.5 <0.5 <0.5 1 05/21/04 ¹⁰ 84.19 19.99 64.20 0.00 340 <0.50 340 400 28 31 31 31 12/12/04 ¹⁰ 84.19 19.46 64.73 0.00 160 ⁰ 1.300 400 28 31 31 31 12/12/05 ¹⁰ 84.19 19.46 64.73 0.00 160 ⁰ 1.300 400 28 31 31 31 12/12/05 ¹⁰ 84.19 19.46 64.73 0.00 170 ¹³ <50 <0.5 <0.5 <0.5 <0.5 21/12/05 ¹⁰ 84.19 19.46 64.73 0.00 170 ¹³ <50 <0.5 <0.5 <0.5 <0.5 21/12/05 ¹⁰ 84.19 17.53 66.66 0.00 170 ¹³ <50 <0.5 <0.5 <0.5 <0.5 31 1 1 0.3028/05 ¹⁰ 84.19 19.44 64.78 0.00 340 ¹³ 330 400 28 31 31 31 11 00/19/05 ¹⁰ 84.19 19.41 64.78 0.00 340 ¹³ 330 394 55 0.5 <0.5 <0.5 <0.5 31/12/19/05 ¹⁰ 84.19 19.41 64.78 0.00 340 ¹³ 330 394 55 0.5 <0.5 <0.5 <0.5 31/12/19/05 ¹⁰ 84.19 15.45 68.74 0.00 140 130 33 30.7 1 4 4 06/25/05 ¹⁰ 84.19 15.45 68.74 0.00 140 130 33 30.7 1 4 4 06/25/05 ¹⁰ 84.19 15.45 68.74 0.00 140 130 33 30.7 1 4 4 06/25/05 ¹⁰ 84.19 18.81 65.38 0.00 200 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 12/18/06 ¹⁰ 84.19 18.81 65.38 0.00 200 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.	<50											25.75	8	09/25/06 ¹⁰
06/25/02² 84.19 18.65 65.54 0.00 410 1.000 340 82 16 8.3 11	\30	<0.5		<0.5	<0.5	<0.5	<0.5	<50	140	0.00	8	25.55	8	
06/25/02 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 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5			.,											MW-12
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 <1.5 <2.5 06/23/03\dots 84.19 17.97 66.22 0.00 300 280 120 1.9 11 <1.5 2.6 06/23/03\dots 84.19 19.52 64.67 0.00 270 <50 9 <0.5 <0.5 <0.5 <0.5 <0.5 \dots 05/22/04\dots 84.19 19.52 64.67 0.00 270 <50 9 <0.5 <0.5 <0.5 <0.5 \dots 05/22/04\dots 84.19 17.06 67.13 0.00 240 <50 3 0 0.00 240 <50 0 0.00 400 400 400 130 4 1 0.7 12/22/03\dots 84.19 17.06 67.13 0.00 240 <50 3 0 0.5 <0.5 <0.5 1 03/22/04\dots 84.19 17.06 67.13 0.00 240 <50 3 0 0.5 <0.5 <0.5 1 05/21/04\dots 84.19 19.99 64.20 0.00 340 <50 0 0.5 <0.5 <0.5 <0.5 \dots 05/21/04\dots 84.19 19.99 64.20 0.00 340 <50 0 0.5 <0.5 <0.5 <0.5 <0.5 \dots 05/21/20/04\dots 84.19 19.46 64.73 0.00 160 130 400 28 31 31 31 12/22/03\dots 84.19 19.46 64.73 0.00 140 90 24 <0.5 <0.5 <0.5 <0.5 <0.5 \dots 05/22/03/04 84.19 19.46 64.73 0.00 160 130 400 28 31 31 31 13/28/05\dots 84.19 17.53 66.66 0.00 170\dots 06/27/05\dots 84.19 17.53 66.66 0.00 170\dots 06/27/05\dots 84.19 19.44 65.15 0.00 190 <50 <0.5 <0.5 <0.5 <0.5 <0.5 \dots 10/19/05\dots 84.19 19.41 64.78 0.00 340 340 330 94 5 1 3 3 06/26/06\dots 84.19 19.41 64.78 0.00 340 330 330 94 5 1 3 3 06/26/06\dots 84.19 15.45 68.74 0.00 140 130 33 0 94 5 1 3 3 06/26/06\dots 84.19 15.45 68.74 0.00 140 130 33 0 94 5 1 3 3 06/26/06\dots 84.19 18.81 65.38 0.00 200 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 05/05/05/05 3.40 1 1 08/05/25/06\dots 84.19 18.84 65.35 0.00 200 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.								1,000	410	0.00	65.54	18.65	84.19	06/25/02 ⁷
12/19/02 84.19 18.67 65.52 0.00 450 <50 11 <0.50 <0.50 <1.5 <2.5	**								230	0.00	64.52	19.67	84.19	
03/20/03								< 50	450	0.00	65.52	18.67	84.19	
06/23/05					11		120	280	300	0.00	66.22	17.97	84.19	03/20/03
09/22/03 ¹⁰ 84.19 19.52 64.67 0.00 270 <50 9 <0.5 <0.5 <0.5 <0.5 <-0.5 <-0.5 12/22/03 ¹⁰ 84.19 19.75 64.44 0.00 130 720 130 29 10 46 2 03/22/04 ¹⁰ 84.19 17.06 67.13 0.00 240 <50 3 <0.5 <0.5 1 0.5 06/21/04 ¹⁰ 84.19 19.99 64.20 0.00 350 140 43 <0.5 <0.5 <0.5 <0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.					1	4	130	400	400	0.00	65.92	18.27	84.19	06/23/03 ¹⁰
12/22/03 ¹⁰ 84.19 19.75 64.44 0.00 130 720 130 29 10 46 2 03/22/04 ¹⁰ 84.19 17.06 67.13 0.00 240 <50 3 <0.5 <0.5 1 0.5 06/21/04 ¹⁰ 84.19 18.82 65.37 0.00 350 140 43 <0.5 <0.5 <0.5 <0.5 <0.5 \\ 06/21/04 ¹⁰ 84.19 19.99 64.20 0.00 340 <50 <0.5 <0.5 <0.5 <0.5 <0.5 \\ 09/20/04 ¹⁰ 84.19 19.99 64.20 0.00 160 ⁹ 1.300 400 28 31 31 \\ 09/20/04 ¹⁰ 84.19 16.42 67.77 0.00 440 ⁹ 90 24 <0.5 <0.5 <0.5 <0.5 <0.5 \\ 06/27/05 ¹⁰ 84.19 17.53 66.66 0.00 170 ¹³ <50 <0.5 <0.5 <0.5 <0.5 <0.5 \\ 09/20/05 ¹⁰ 84.19 19.04 65.15 0.00 190 <50 <0.5 <0.5 <0.5 <0.5 <0.5 \\ 09/20/06 ¹⁰ 84.19 19.41 64.78 0.00 340 ¹³ 330 94 5 1 3 \\ 09/20/06 ¹⁰ 84.19 15.45 68.74 0.00 140 130 33 0.7 1 4 \\ 06/26/26/06 ¹⁰ 84.19 16.70 67.49 0.00 220 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 \\ 09/25/06 ¹⁰ 84.19 18.81 65.38 0.00 200 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.	<50						9	<50	270	0.00	64.67	19.52	84.19	
03/22/04 ¹⁰ 84.19 17.06 67.13 0.00 240 <50 3 <0.5 <0.5 1 0.5 06/21/04 ¹⁰ 84.19 18.82 65.37 0.00 350 140 43 <0.5 <0.5 <0.5 <0.5 8 09/20/04 ¹⁰ 84.19 19.99 64.20 0.00 340 <50 <0.5 <0.5 <0.5 <0.5 <0.5 2 12/20/04 ¹⁰ 84.19 19.46 64.73 0.00 160° 1.300 400 28 31 31 31 1 03/28/05 ¹⁰ 84.19 16.42 67.77 0.00 440° 90 24 <0.5 <0.5 <0.5 <0.5 <0.5 < 1 06/27/05 ¹⁰ 84.19 17.53 66.66 0.00 170 ¹³ <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 < 1 09/19/05 ¹⁰ 84.19 19.04 65.15 0.00 190 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 < 1 12/19/05 ¹⁰ 84.19 19.41 64.78 0.00 340 ¹³ 330 94 5 1 3 3 2 03/27/06 ¹⁰ 84.19 15.45 68.74 0.00 140 130 33 0.7 1 4	<50			46		29	130	720	130	0.00	64.44	19.75	84.19	
06/21/04 ¹⁰ 84.19 18.82 65.37 0.00 350 140 43 <0.5	<50					< 0.5	3	< 50	240	0.00	67.13	17.06	84.19	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<50		40 M.		< 0.5		43	140	350	0.00	65.37	18.82	84.19	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<50	2			< 0.5	< 0.5	< 0.5	< 50	340	0.00	64.20	19.99		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<50	1			31	28	400	1,300	160^{9}	0.00	64.73	19.46	84.19	
06/27/05 ¹⁰ 84.19 17.53 66.66 0.00 170 ¹³ <50 <0.5 <0.5 <0.5 <0.5 <0.5 <-0.5 <-0.5 <0.5 <-0.5 <-0.5 <-0.5 <0.5 <-0.5 <-0.5 <0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-0.5 <-	<50	1			< 0.5	< 0.5	24	90	440°	0.00	67.77	16.42		
09/19/05 ¹⁰ 84.19 19.04 65.15 0.00 190 <50	<50	1			< 0.5	< 0.5	< 0.5	< 50	17013	0.00	66.66	17.53	84.19	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<50			< 0.5	< 0.5	< 0.5	< 0.5	< 50	190	0.00	65.15			
03/27/06 ¹⁰ 84.19 15.45 68.74 0.00 140 130 33 0.7 1 4 0.8 06/26/06 ¹⁰ 84.19 16.70 67.49 0.00 220 <50	<50			3	1	5	94	330	340^{13}	0.00	64.78			
06/26/06 ¹⁰ 84.19 16.70 67.49 0.00 220 <50	<50			4	1	0.7	33	130	140	0.00	68.74			
09/25/06 ¹⁰ 84.19 18.81 65.38 0.00 200 <50 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 \\ 12/18/06 ¹⁰ 84.19 18.94 65.25 0.00 410 240 68 5 1 1 1 \\ 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 \\	< 50			< 0.5	< 0.5	< 0.5	< 0.5	< 50	220	0.00	67.49	16.70		
12/18/06 ¹⁰ 84.19 18.94 65.25 0.00 410 240 68 5 1 1 1 - 1 MW-2 06/28/96 85.83 22.10 63.73 1.35	<50	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 50	200	0.00	65.38	18.81		
06/28/96 85.83 22.10 63.73 1.35 1/10/10/96 85.83 22.36 63.47 1,800 99,000 4,100 9,400 2,300 9,900 390 <25 ¹	<50	1	***	. 1	1 .	5	68	240	410	0.00	65.25			
06/28/96 85.83 22.10 63.73 1.35 1,800 99,000 4,100 9,400 2,300 9,900 390 <25 ¹					·									MW-2
$\frac{10/10/96}{10/10/96} \qquad 85.83 \qquad 22.36 \qquad 63.47 \qquad \qquad 1,800 \qquad 99,000 \qquad 4,100 \qquad 9,400 \qquad 2,300 \qquad 9,900 \qquad 390 \qquad <25^{1}$				~~						1.35	63.73	22.10	85.83	
	** ·	<25 ¹	390	9,900	2,300	9,400	4,100	99,000	1,800					
11/01/70 03:03 46:37 03:10 001										0.01	63.45**	22.39	85.83	11/07/96
12/18/97 85.83 20.19 65.64 4,700 24,000 600 1,800 750 2,400 <2,000			<2,000	2,400	750	1.800	600	24,000	4,700					
04/06/98 85.83 18.00 67.83 9.5 20,100 252 448 430 1,410 <200			<200	1,410	430	448	252							
06/18/98 85.83 19.63 66.20 5,200 20,000 240 370 270 790 <50		**	< 50	790	270	370								

Table 1
Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

						Oakiand.	, California				MTBE by	MTBE by	
				es assistante.	TPH-D	TPH-G	B	\mathbf{T}	E	X	8021♦	8260	ETHANOL
WELL ID/	TOC*	DTW	GWE	SPHT		(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
DATE	(ft.)	(ft.)	(msl)	(fi.)	(ppb)	(000)	· · · · (PPP)	(PPM)	(P.P. ")	(PP-7			
MW-2 (cont)								000	630	1 700	<125		
08/31/98	85.83	21.01	64.82		19,000	72,000	270	. 990	630	1,700		29	
12/21/98	85.83	21.31	64.52		13,000	290	8.7	18	9.7	38	10		
03/24/99	85.83	19.18	66.65		5,550	- 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							10.000			
10/10/96	83.18	19.51	63.67		1,200	110,000	6,600	16,000	2,200	12,000	<250		**
11/07/96	83.18	19.40	63.78			We see							
12/18/97	83.18	18.79	64.39		6,100,000	180,000	1,500	16,000	4,600	23,000	<3,000	Ma 100	
04/06/98	83.18	16.58	66.64	0.05			w m *					w. 	
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	m er						aa 1991		
03/24/99	83.18	16.76	67.11	0.86		** F			***				
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											2.1		
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					w m		жм 4. С			
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	

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway Oakland, California

							, Camorna				MTBE by	MTBE by	
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	В	1	E	X	8021♦	8260	ETHANOL
DATE	(fi.)	(ft.)	(msl)	(fi.)	(ppb)	(ppb)	(pph)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-5 (cont)	<u>Q !*7</u>	<u> </u>	7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			<u>, , , , , , , , , , , , , , , , , , , </u>							
03/24/99	85,41	18.74	66.67		93.3	143	2.80	< 0.500	0.749	< 0.500	< 2.00	< 5.00	
	85.41	20.31	65.10		125	847	6.61	< 0.500	0.611	< 0.500	2.69	< 2.00	~~
06/25/99		21.36	64.05		94.0	563	6.00	<2.50	< 2.50	< 2.50	25.1	w w	
09/24/99	85.41		64.00		173	896	16.6	1.48	8.92	2.67	61.1	< 0.500	
12/29/99	85.41	21.41	67.28		158	858	53.7	<1.00	21.4	8.00	11.6		
03/21/00	85.41	18.13											
07/26/00	85.41		TION IN WEI		221		153	<2.50	7.87	< 2.50			
09/06/00	85.41	20.33	65.08		231	670			7.07				
11/29/00	85.13		TION IN WEI				₩						**
03/06/01	85.13		TION IN WE					#4 W					
06/19/01	85.13		TION IN WEI					₩=					
09/05/01	85.13		TION IN WE		u. u	~~							
12/02/01	85.13		TION IN WE	LL				***				w <i>m</i>	
NOT MONITO	RED/SAM	PLED											
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			Sec. 164						**	
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		w.w.
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	INACCESS	SIBLE						***	₩ 47			
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	عدائم				**		***	***	
DESTROYED			05.55	0.,0									
DEGIROTED													
TRIP BLANE	ζ.												
QA													
06/25/02						< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
09/18/02	34 SE			~~	No 149*	< 50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
211283.xls	/#386956						12						As of 12/18/06
													-

Table 1 Groundwater Monitoring Data and Analytical Results Former Texaco Service Station (Site #211283)

3810 Broadway Oakland, California

							, California_				MTBE by	MTBE by	
WELL ID/ DATE	TOC*	DTW (ft.)	GWE (msl)	SPHT (fl.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	8021 ♦ (ppb)	8260 (ppb)	ETHANOL (ppb)
QA (cont)													
12/19/02		***				<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
03/20/03	aa va					< 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	40 17					< 50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	
12/22/03						<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	No HV				~ -	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	
12/20/04						<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	
03/28/05 ¹⁰	VAL 7/4		***	···=	w.m	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	
06/27/05 ¹⁰	** AV	No to		***		<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	
09/19/05 ¹⁰	38.44		w=		##	<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	an .mr
12/19/05 ¹⁰	<u></u>					< 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	
05/27/06 06/26/06 ¹⁰	va					<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	ver en
09/25/06 ¹⁰						<50	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	W 140
12/18/06 ¹⁶	~~				A=	<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

SPHT = Separate-phase hydrocarbon thickness

X = Xylenes

(ft.) = Feet

TPH-D = Total Petroleum Hydrocarbons as Diesel

MTBE = Methyl tertiary butyl ether

DTW = Depth to Water

TPH-G = Total Petroleum Hydrocarbons as Gasoline

(ppb) = Parts per billion

GWE = Groundwater Elevation

B = Benzene

-- = Not Measured/Not Analyzed

(msl) = Mean Sea Level

T = Toluene

QA = Quality Assurance/Trip Blank

SPH = Separate-phase hydrocarbons

E = Ethylbenzene

- * 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 = $[(TOC DTW) + (0.80 \times SPHT)].$
- ♦ Prior to June 25, 2002, MTBE was analyzed by EPA Method 8020.
- MTBE confirmed by EPA Method 8240.
- Free product could not be accurately measured.
- 3 TOC altered.
- 4 Analyzed outside EPA recommended hold time.
- Sample containers broken during transport to laboratory.
- TPH-G and BTEX analyzed by EPA Method 8260.
- Well development performed.
- 8 MW-11 was inaccessible during the re-surveying. TOC was not measured.
- Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
- BTEX analyzed by EPA Method 8260.
- Ethanol was previously reported as <50 ppb.
- Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
- Laboratory report indicates the observed sample pattern includes #2fuel/diesel and an additional pattern which elutes later in the DRO range.
- Laboratory report indicates the observed sample pattern is not typical of #2fuel/diesel. It elutes in the DRO range earlier than #2 fuel.
- 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.
- 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.
- 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.

Table 2 Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

			Oakland,	D.O.	ORP	D.O.	ORP
WELL ID	DATE	D.O.	ORP	D.O. Mid-Purging	OKP Mid-Purging	After Purging	After Purging
		Before Purging	Before Purging		(mV)	(mg/L)	(mV)
		(mg/L)	(mV)	(mg/L)	(mv)		
MW-2	09/24/99	1.00	. 	· <u></u>		0.80	•••
	12/29/99	2.60					
	03/21/00	3.30				3.60	
MW-6	09/24/99	1.00				1.20	
	12/29/99	1.30				1.50	en av
	03/21/00	3.00 '			· 24 th	4.30	
	11/29/00	2.00				1.80	
	03/06/01	3.70	us-er			4.00	100 AA
	06/19/01	3.00				3.40	
	09/05/01	10.40		180 MIN.		10.80	
	12/20/01	1.30	w		m·m	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		MA AP	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	!		w +-	1.20	
	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	en rer		2	2
MW-7	09/24/99	1.40				1.60	
	12/29/99	2.30				1.80	an en-
	03/21/00	5.80		W 40°		9.00	
	07/26/00	6.00				6.60	
	09/06/00	4.30				5.00	<u></u>
	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	MA NA
	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
	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

Table 2 Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

WELL ID	DATE	D.O.	Oakland, (ORP	D.O.	ORP	D.O.	ORP
字字·表示表示表示。 美華美		Before Purging	Before Purging	Mid-Purging	Mid-Purging	After Purging	After Purging
		(mg/L)	(mV)	(mg/L)	(mV)	(mg/L)	(mV)
	0.001.003	1.50	106			1.70	126
MW-7	06/21/04	1.40	115		***	0.96	110
(cont)	09/20/04		88			1,40	95
	12/20/04	1.30	92		** m	1.40	88
	03/28/05	1.40				1.40	94
	06/27/05	1.50	106			3.10	29
	09/19/05	3.70	17			1.30	90
	12/19/05	1.40	85		Wai-sia-		132
	03/27/06	1.80	126	40.191		2.10	
	06/26/06	1.60	119		# P	1.80	121
	09/25/06	1.70	125			1.60	124 ²
	12/18/06	1.40	130		,	2	 -
MW-9	09/24/99	1.00			. 	1.20	w-ea
113 41 ->	12/29/99	3.30			**** ·	2.70	
	03/21/00	3.20	<u> 46</u>			7.30	
•	07/26/00	3.60				1.80	₩ .
	09/06/00	3.80	 -	440 MV		4.00	M //
	11/29/00	2.00	25 24		m=	2.00	
	03/06/01	4.00	**			4.90	
	06/19/01	3.40				4.00	
	09/05/01	2.70		<u></u> w		2.00	
	12/20/01	2.20	<i>y</i> s. <i>us</i>		m=	2.20	
	06/25/02	0.90		1.00		1.20	
	09/18/02	1.40	138	1.00	110	0.90	95
		1.80	126	7.00		1.10	98
	12/19/02	0.10	206			1.10	193
	03/20/03		146			1.00	138
	06/23/03	1.20	126		w ==	1.00	130
	09/22/03	1.10	134			1.20	142
	12/22/03	1.30	120	***		1.40	126
	03/22/04	3.70				1.20	116
	06/21/04	3.50	108			1.10	62
	09/20/04	2.70	54	**	M- 44	1.10	80
	12/20/04	2.50	72	au 190		1.70	68
	03/28/05	2.80	92 83			1.50	62
	06/27/05	2.60	82			0.60	-30
	09/19/05	1.00	-38 76			2.20	68
	12/19/05	2.10	76 136			1.90	125
	03/27/06	2.20	130			2.00	115
	06/26/06	2.40	116			1.90	120
	09/25/06	2.10	131			²	2
	12/18/06	1.80			W-14		
MW-10	09/19/05	1.40	- 97			0.80	-98

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

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 Hill, California.



	Chevron #2112	83	Jo	b Number:	386956	
				vent Date:	12-18-06	_(inclusive
	810 Broadway	<u> </u>			SH	·
City:	Dakland, CA		3	ampler:		
v. IIIS	MW-	Date	Monitored: 1	2-18-00	Well Condition:	
Nell ID						
Nell Diameter _			Volume	3/4"= 0.02	1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 5= 1.50 12"= 5.80	
Total Depth _	29-90 ft.		Factor (VF)	4"= 0.66	9 - 1.02	
Depth to Water _	21-60 ft. xV	F //)=x	3 case volume=	Estimated Purge Volume:	gal.
-	^	/			Time Started:	_(2400 hrs)
Purge Equipment:		San	npling Equipment:	1//	Time Completed:	(2400 nrs)
Disposable Bailer	~ ×	Dis	oosable Bailer	_X_	Depth to Product:	''\ ft
Stainless Steel Bailer		Pre	ssure Bailer	X	Depth to Water: Hydrocarbon Thickness:	
Stack Pump		Dise	crete Bailer		Visual Confirmation/Description:	
Suction Pump		Oth	er:		—	
Grundfos					Skimmer / Absorbant Sock (circle	one)
					Amt Removed from Skimmer:	gal
Other:					Amt Removed from Well:	gai
					Water Removed: Product Transferred to:	
					Product Handienes to:	
		X	V 0 41410000			
Start Time (purge):	Weat	her Conditions:		Odor:	·
Sample Time/Da	te: /		Water Color:		MANUTURE AND THE RESERVE AND T	
Purging Flow Ra	te: gpm		ent Description:			
Did well de-water		If ves, Tir	ne:	Volume:	gal.	
Did Well de-Water	`` ——/—	•				
Time	Volume		Conductivity \	Temperature		
(2400 hr.)	(gal.)	рH	(umhos/cm)	(C/F)	5	
,	/			\	Pre: Pre:	
				$\overline{}$		·····
				$\overline{}$		
_/						
		LA	BORATORY INFO	ORMATION	NRY ANALYSES	
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATO LANCAST)/
MW-	x voa vial	YES	HCL	LANCAST	ETHANOL(8260)	
		YES	NP NP	LANCAST	ER 19H-D(8015)	
	x 500ml Amber	TEO	141			
			11 1	- I	boot wall con	11 C -
COMMENTS:	Chabe t	o sa	MIR QUE	70 1	bent well casi	ngo
Not able	to Get	Boyle	C POST	DFVX	i vi cell	
Add/Repla	ced Lock:		F	Add/Replace	d Plug:Size:	



		FIE	LD DATA SH				
Client/Facility #:	Chevron #2112	83	Jol	b Number: 3			
Site Address:	3810 Broadway		Ev	ent Date:	12-18-06		(inclusiv
City:	Oakland, CA		Sa	mpler:	1th		-
Oity.							
Well ID	MW-6/	Date	Monitored: 62	-180€	Well Condition:	0/	
Well Diameter	2 / in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17		
Total Depth	28,58t.		Factor (VF)	4"= 0.66	5"= 1.02 6"= 1.50	12"= 5.80	_
Depth to Water	18-26 ft.	, —	1:-1/				al.
·	16.27_x	F . l /	$=\frac{1.77}{1}$ x3	case volume= t	stimated Purge Volume	;. <u> </u>	(2400 hrs)
		Sam	pling Equipment:	,	Time Started: Time Completed:		(2400 hrs)
Purge Equipment:	X		osable Bailer	\checkmark	Depth to Product:		ft
Disposable Bailer		-	sure Bailer		Depth to Water:		ft ft
Stainless Steel Baile Stack Pump	· · · · · · · · · · · · · · · · · · ·		rete Bailer		Hydrocarbon Thickn Visual Confirmation/	ess: Description:	R
Suction Pump		Othe	er:	<u></u>			
Grundfos					Skimmer / Absorbar Amt Removed from	at Sock (circle or Skimmer	ne) qai
Other:					Amt Removed from	Well:	gal
					Water Removed:		
					Product Transferred	! to:	
Time (2400 hr.) 09.57 /00.5 /00.5		pH 6.78 6.73 6.75	Conductivity (u mhos/cm) 1305	Temperature (CF) 18.2 17.9 17.6	D.O. (mg/L) Pre:	ORP (mV) Pre:	
				- ALATION			
	(II) CONTAINED	LA REFRIG.	BORATORY INFO	LABORATOR	' '	IALYSES	
SAMPLE ID MW- F	(#) CONTAINER	YES	HCL	LANCASTER		X+MTBE(8260)	<i>i</i>
MVV- 7	Vua Viai	,			ETHANOL(8260)		
	2× 500ml Amber	YES	NP	LANCASTE	TPH-D(8015)		
	· ` `						
						<u></u>	
						+	
COMMENTS	:	<u></u>					
Add/Por	olaced Lock:		Ą	\dd/Replaced	Plug:	Size:	
Addition	710000 EVOIN-						



lient/Facility #:	Chevron #2112	!83	JOD IV	umber:	,0000		
Site Address:	3810 Broadway		 Event	Date:	12-12-06		(inclusi
City:	Oakland, CA		Samp	ler:	5H		
лку.							
Well ID	MW-513	Date Monito	ored: <u>[2-12</u>	<u>~~6</u>	Well Conditi	on: Off	
Well Diameter	2 in.	ŗ	Volume	3/4"= 0.02	1"= 0.04 2"=	0.17 3"= 0.38	
Total Depth	30-32 ft.		Factor (VF)	4"= 0.66	5"= 1.02 6"=	1.50 12"= 5.8	30
Depth to Water	20 35 ft		-70				— gal.
	997 xv	F_/_=_	14 /C_x3 cas	e volume= E	stimated Purge Vo		
		Sampling E	guipment:		Time Started: Time Complete:	d:	(2400 hrs) (2400 hrs
Purge Equipment:	0/	Disposable B		1 -		ct:	
Disposable Bailer		Pressure Ba		~	Depth to Water		f
Stainless Steel Baile	er	Discrete Bail			Hydrocarbon Tl	nickness:	ft
Stack Pump		Other:			Visual Confirma	ition/Description:	
Suction Pump Grundfos	**************************************				Skimmer / Abso	orbant Sock (circl	e one)
Other:					Amt Removed	from Skimmer:	gal
Other						from Well:	
					10	d: erred to:	
	•						
Sample Time/[Purging Flow F		2 7 8 7 6 Wate Sediment Des	cription:	Digital		dor: <u>5 / 6</u> /	
Sample Time/[Pate: # 107 12 Rate:gpm. ter?Vo Volume (gal.)	Sediment Des If yes, Time:	scription:Vo	lume:		ORF (mV	····
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.)	Pate: # 107 12 Rate:gpm. ter?Vo Volume (gal.)	Sediment Des If yes, Time: PH Condu (umbe) 6-47 5 6-47 5	voictivity Te	Ivantalian Ivanian Iva	gal. D.O. (mg/L) Pre:	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) 1030 1033	Pate: # 107 12 Rate:gpm. ter?Vo Volume (gal.)	Sediment Des If yes, Time: PH Condu (umho G-iff 5 G-47 5 LABORAT	ocription: Vo ictivity Te ps/gm) 7.5 ORY INFORM. ERV. TYPE LA	Indicators and the second seco	gal. D.O. (mg/L) Pre:	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.)	Volume (gal.) 1.5 5.6 5.6	Sediment Des If yes, Time: pH	ocription: Vo ictivity Te ps/gm) 7.5 ORY INFORM. ERV. TYPE LA	Ivantalian Ivanian Iva	gal. D.O. (mg/L) Pre: Y R TPH-G(8015)	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Container Cont	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	Indicators and the second seco	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Cate:	Sediment Des If yes, Time: PH Condu (umho G-47	CORY INFORM.	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Container Cont	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Container Cont	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Container Cont	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Container Cont	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Container Cont	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / 0.3 / 0.3 SAMPLE ID MW- 5/	Cate: Por portage (ate: gpm. ter? NO Volume (gal.) 1.5 3.0 5.0 5.0 (#) CONTAINER x voa vial x 500ml Amber	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / C.3. / C.3. SAMPLE ID	Container	Sediment Des If yes, Time: PH	TORY INFORM. FRV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	
Sample Time/I Purging Flow F Did well de-wa Time (2400 hr.) / 0.3 / 0.3 SAMPLE ID MW- 5/	Container	Sediment Des If yes, Time: PH	ORY INFORM RV. TYPE LA	ATION ABORATOR ANCASTER	gal. D.O. (mg/L) Pre: Y TPH-G(8015). ETHANOL(82	ORF (mV Pre:	60)/



te Address:	Chevron #2112 3810 Broadway Oakland, CA MW- 2 in. 28.0 (ft. 20.3 7 ft. 7.44 xV	Date	Monitored:	Sampler:	1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 6"= 1.50 12"= 5.80	
/ell ID /ell Diameter otal Depth repth to Water urge Equipment: isposable Bailer tainless Steel Bailer tack Pump suction Pump Grundfos	MW	Date	Monitored:/	12-18-08 3/4"= 0.02 4"= 0.66	Well Condition: 1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 6"= 1.50 12"= 5.80	
Vell ID Vell Diameter Otal Depth Pepth to Water urge Equipment: isposable Bailer tainless Steel Bailer tack Pump Strundfos	MW-2 in. 280(ft. 2037ft.	F	Volume Factor (VF)	3/4"= 0.02 4"= 0.66	Well Condition: 1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 6"= 1.50 12"= 5.80	
Vell Diameter otal Depth pepth to Water urge Equipment: isposable Bailer tainless Steel Bailer tack Pump suction Pump Grundfos	2 in. 280 (ft. 2037 ft.	F	Volume Factor (VF)	3/4"= 0.02 4"= 0.66	1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 6"= 1.50 12"= 5.80	ŀ
otal Depth epth to Water urge Equipment: isposable Bailer tainless Steel Bailer tack Pump suction Pump Grundfos	28.0 (ft.	San	Factor (VF)	4"= 0.66	5"= 1.02 6"= 1.50 12"= 5.80)
urge Equipment: isposable Bailer tainless Steel Bailer tack Pump suction Pump Grundfos	20257 ft.	San	7=13		stimated Purge Volume:	
urge Equipment: isposable Bailer tainless Steel Bailer tack Pump suction Pump Grundfos	7.44 xv	San	•	x3 case volume= E: 	stimated Purge Volume:	
isposable Bailer tainless Steel Bailer tack Pump suction Pump Grundfos			npling Equipment	31		_gal.
isposable Bailer tainless Steel Bailer tack Pump suction Pump Grundfos	_				Time Started: Time Completed:	
tainless Steel Bailer tack Pump tuction Pump Grundfos			posable Bailer	V	Depth to Product:	ft
tack Pump Juction Pump Grundfos		Pres	ssure Bailer		Depth to Water:	
ouction Pump Grundfos		Disc	crete Bailer		Hydrocarbon Thickness: Visual Confirmation/Description:	ft
		Oth	ег:		VISUAL COMITMATOR DESCRIPTION	
)ther:					Skimmer / Absorbant Sock (circle	
					Amt Removed from Skimmer: Amt Removed from Well:	gal
					Water Removed:	
					Product Transferred to:	·····
Purging Flow Ra Did well de-wate Time (2400 hr.)	Volume (gal.)		Conductivity (u mhos/cm)		gal. D.O. ORP (mg/L) (mV) Pre: (1) Pre: 7	
1129	<u> 1-5</u> -	776	793	193		
1/30	- <u>30</u> -	7/19	794	19-3		
						<u>,,,</u>
		ΙΔ	BORATORY INF	ORMATION		
SAMPLE IQ	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATOR		
MW- 6	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260 ETHANOL(8260)))/
	x 500ml Amber	YES	NP NP	LANCASTER		
	X SUUTIII ATTIDET	150				
			1		***	
COMMENTS:						



	hevron #2112	83	,	lob Number:	386956		_
	810 Broadway			Event Date:	12-18-06		_(inclusiv
				Sampler:	514		
ity: <u>C</u>	akland, CA						
V-111D	MW-	Date	Monitored: _ /	2-18-06	Well Condition:	ot	
Vell ID	2 in.	Date			01-04	7 3"= 0.38	
Vell Diameter			Volume Factor (VF)	3/4"= 0.02 4"= 0.66	1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50		
otal Depth	33,46 ft.		ractor (VF	1 - 0.00			لسد
Depth to Water _	19-27 ft.	F 117	= 2+11	x3 case volume= i	Estimated Purge Volum	ie: <u>75 </u>	gal.
				<i>\$</i> 1	Time Started:		(2400 hrs)
urge Equipment:	,		npling Equipment		Time Completed:		_(2400 hrs) ft
Disposable Bailer	4		oosable Bailer		Depth to Product: Depth to Water:		•
Stainless Steel Bailer			ssure Bailer	<u> </u>	Hydrocarbon Thick		ft
Stack Pump			crete Bailer		Visual Confirmation	/Description:	
Suction Pump		Otn	er:		Skimmer / Absorba	int Sock (circle o	ne)
Grundfos					Amt Removed from	Skimmer:	gal
Other:					Amt Removed from		
					Water Removed: Product Transferre		
Start Time (purge) Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.) CB 56 C 401 B 906	e: <u>0910 / 1</u> e: <u>gpm.</u>	Sedime	Conductivity (umhos/cm) 392 402 409	: Modera		ORP (mV)	
			BORATORY IN	ORMATION			
SAMPLE ID.	(#) CONTAINER	REFRIG.	PRESERV. TYPI	LABORATOR	· · · · · · · · · · · · · · · · · · ·	NALYSES	
MW-	x voa vial	YES	HCL	LANCASTE	R TPH-G(8015)/BTI ETHANOL(8260)		'
1			NP	LANCASTE			
	x 500ml Amber	YES	INF	2,70,7012			
COMMENTS:	Traffic	Conto	ol We	<u> </u>			

Add/Deple	ced Lock:			Add/Replaced	Plug:	_Size:	•
Add/Repia	cea Lock	,		•			



Site Address: 3810 Broadway City: Oakland, CA Sampler: 3H Well ID Well Diameter Total Depth Depth to Water Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Site Address: 3810 Broadway Event Date: 12-12-66 (Included) Sampler: 3H Volume 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38 6"= 1.50 12"= 5.80 Volume 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38 6"= 1.50 12"= 5.80 Factor (VF) 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80 Time Started: (2400 hr Disposable Bailer 2000 perts to Product: 2400 hr Discrete B	lient/Facility #:	Chevron #2112	83		job Number:			
Nell ID		3810 Broadway	1		Event Date:			_(inclusiv
Nell ID					Sampler:	<u> 3H</u>		
Well Diameter 2	/wy -				_ }		* 1	
Time Purp Pressure Bailer Product	Vell ID	MW-9	Date	Monitored:	13-18-06	Well Condition	:_0K	
Start Time (purge): Start Time (purge): Start Time (purge): Sample Time/Date: Sediment Description: Sediment Description: If yes, Time: Sediment Description: Sediment Description: If yes, Time: Sediment Description: Sediment Description: Sediment Description: If yes, Time: Sediment Description: Sediment Sedimen	Vell Diameter	2 (in.		Volume	3/4"= 0.02			
17.115 NF	Fotal Depth	34-12 ft.		Factor (VF) 4"= 0.66	5"= 1.02 6"= 1.5	0 12"= 5.80	_
Purge Equipment: Disposable Bailer Disposable Bailer Disposable Bailer Pressure Bailer Discrete Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): St	Depth to Water		, —	7 3	. O univeno	- Estimated Purne Volum	ne: 9	jal.
Samples Sampling Equipment: Disposable Bailer Disposable B			F	<u> </u>	X3 case volume=			(2400 hrs)
Disposable Bailer Staintess Steel Bailer Staintess Steel Bailer Staintess Steel Bailer Discrete Bailer Discrete Bailer Discrete Bailer Other: Start Time (purge): Start Time (purge): Sample Time/Date: Purging Flow Rate: Did well de-water? Time (2400 hr.) (291) (2	Durge Equipment:		Sam	npling Equipment	:	Time Completed:_		_(2400 hrs)
Start Time (purge): Start Time (purge): Start Time (purge): Sed Mater Conditions: Semple Time/Date: 19mm	-	~	Disp	oosable Bailer				ft ft
Stack Pump Suction Pump Other: Start Time (purge): Other:	•		Pres	ssure Bailer				t
Suction Pump Grundios Other: Skimmer / Absorbant Sock (circle one) Amt Removed from Skimmer: Ant Removed from Skimmer: An		*	Disc	crete Bailer		Hydrocarbon I nick	ness /Description:	
Start Time (purge): Start Time (purge): Start Time (purge): Start Time (purge): Sample Time/Date: Office of the start Description: Sample Time (purge): Sediment Description: Se	•	· · · · · · · · · · · · · · · · · · ·	Oth	er:		J		
Start Time (purge):	- ·					Skimmer / Absorb	ent Sock (circle o	ne) gal
Start Time (purge):	Other:					Amt Removed from	n Skinimer	gal
Start Time (purge): Sq/7 Weather Conditions: Clear Sample Time/Date: 0.935 1 D-13-06 Water Color: Cloud Odor: VO Purging Flow Rate: gpm. Sediment Description: Volume: gal. Time (2400 hr.) (gal.) pH Conductivity (umhos/cm) (umhos/cm) (umhos/cm) (umhos/cm) (umhos/cm) (pF) (mg/L) (mV) (mV) CQ14 3 7.43 347 E. Pre: 1.34 Pre: 1.	 							
Start Time (purge): CHT Sample Time/Date: D/935 1 D-1206 Water Color: Purging Flow Rate: Did well de-water? Time (2400 hr.) (gal.) C914 C926						Product Transferre	ed to:	
SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) WW- SOOml Amber YES NP LANCASTER TPH-D(8015) LANCASTER TPH-D(8015)	Time	Volume	рН	Conductivity (u mhos/cm) 347 368	Tennarature	D.O. (mg/L)	(mV)	
SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW-	692	<u> </u>	7.12	369		1		
SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW-				DODATORY IN	COMATION			
MW-		#I CONTAINED		PRESERV. TYP	E LABORATO	O111 }		
SQ0mi Amber YES Nr Butter YE				<u> </u>				/
Asjumi Amber 1E3 M		2000-14-1-1	VES	NP	LANCAST	ER TPH-D(8015)		
COMMENTS:		X SUUMI AMDEI	1EQ	1,7				
COMMENTS:								
COMMENTS:								
COMMENTS:								
COMMENTS:								
	COMMENTS							
Add/Replaced Plug: Size:			***					



. 24 وقود شور							
	Oh	83	Job	Number: 38	6956		
	Chevron #2112	,	Eve	nt Date: /	2-18-06	(inclusive
Site Address:	3810 Broadway		San	npler:	5H		
City:	Oakland, CA						
	MW- 10	Date Mo	onitored: <u>/2-/</u>	8-06	Well Condition:	05	<u> </u>
Well ID	2 in.	, , ,			1"= 0.04 2"= 0.17	3"= 0.38	
Well Diameter	33-07 tt.		Volume Factor (VF)		5"= 1.02 6"= 1.50	12"= 5.80	
Total Depth	11 0 15					7	
Depth to Water	1. 1639 xV	F	$= 270 \times 30$	ase volume= Es	timated Purge Volume		400 hrs)
			inmont'		Time Started: Time Completed:		2400 hrs)
Purge Equipment			ng Equipment: able Bailer	\triangleleft	Depth to Product:		ft
Disposable Bailer			re Bailer		Depth to Water:		ft
Stainless Steel Bai	ler		e Bailer		Hydrocarbon Thickn Visual Confirmation/	ess: Description:	
Stack Pump	<u></u>	Other:_					.)
Suction Pump Grundfos					Skimmer / Absorbar Amt Removed from	Skimmer:	gai
Other:					Amt Removed from	Well:	gal
					Water Removed: Product Transferred		
					Product Hansierre		
Did well de-w Time (2400 h		·	Conductivity			ODD	
			(umhos/cm) 	Teropherature (C) F) (7) (6-2)	D.O. (mg/L) Pre:	ORP (mV) Pre:	
		764 753 742	(umhos/cm) - 209 - 283 - 276 -	(32) 134	(mg/L) Pre:	(mV) Pre:	
089 682 683	(gal.) 25 27 50 80	764 753 742 ———————————————————————————————————	(umhos/cm) ZOG	(32) 134	(mg/L) Pre:	(mV) Pre:	
	(gal.) (3 25) (97 50) (8 4) CONTAINER	764 753 742 LAB	(umhos/cm) 209 283 276 	(C) F) q 17.9 (8-3 18.1	(mg/L) Pre: Y Al	(mV) Pre: NALYSES EX+MTBE(8260)/	
089 682 683	(gal.) (3 25) (97 50) (8 4) CONTAINER	7.69 7.53 7.42 LAB REFRIG. 1	(umhos/cm) 209 283 276 ORATORY INFO PRESERV. TYPE HCL	RMATION LABORATOR LANCASTEF	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	
088 68 683 583	(gal.) (3 25) (97 50) (8 4) CONTAINER	7.69 7.53 7.42 LAB REFRIG. 1	(umhos/cm) 209 283 276 ORATORY INFO	(C) F) 17.9 18.4 18.4 IRMATION LABORATOR	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	
088 68 683 583	(gal.) (3 9 5 0 7 5 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7.69 7.53 7.42 LAB REFRIG. 1	(umhos/cm) 209 283 276 ORATORY INFO PRESERV. TYPE HCL	RMATION LABORATOR LANCASTEF	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	
088 68 683 583	(gal.) (3 9 5 0 7 5 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7.69 7.53 7.42 LAB REFRIG. 1	(umhos/cm) 209 283 276 ORATORY INFO PRESERV. TYPE HCL	RMATION LABORATOR LANCASTEF	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	
	(gal.) (3 9 5 0 7 5 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7.69 7.53 7.42 LAB REFRIG. 1	(umhos/cm) 209 283 276 ORATORY INFO PRESERV. TYPE HCL	RMATION LABORATOR LANCASTEF	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	
	(gal.) (3 9 5 0 7 5 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7.69 7.53 7.42 LAB REFRIG. 1	(umhos/cm) 209 283 276 ORATORY INFO PRESERV. TYPE HCL	RMATION LABORATOR LANCASTEF	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	
	(gal.) (3 2-5) (97 5-0) (#) CONTAINER () (x voa via	7.69 7.53 7.42 LAB REFRIG. 1	(umhos/cm) 309 283 276 ORATORY INFO PRESERV. TYPE HCL NP	RMATION LABORATOR LANCASTEF	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	
	(gal.) (3 2-5) (97 5-0) (#) CONTAINER () (x voa via	PH 764 753 742 LAB REFRIG. YES TYES	ORATORY INFO PRESERV. TYPE HCL NP	RMATION LABORATOR LANCASTEF	(mg/L) Pre: Y AI TPH-G(8015)/BTI ETHANOL(8260)	(mV) Pre: NALYSES EX+MTBE(8260)/	



	L 40440	02		job Number:	386956		_
Client/Facility #: C				-	12-18-05	3	_ _(inclusi
	810 Broadway			Sampler:	5-14		
City:	akland, CA			Sampler, _	241		
	BASAL //	Date	Monitored:	12-18-06	Well Condition:	ok	
Vell ID _	<u>MW-//</u> 2 in.	Date	, 14101111011001				7
Vell Diameter			Volume	3/4"= 0.02	1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50		
Total Depth	39.50 ft.		Factor (VF	,			
Depth to Water _	25-55ft. 1205 xv	<i>!</i>	2 237	v3 case volume= E	stimated Purge Volum	ie: <u>7-5</u>	gal.
••••	XV			,,,,	Time Started:		_(2400 hrs)
Purge Equipment:		San	npling Equipment	:	Time Completed:		_(2400 hr
Disposable Bailer		Dis	posable Bailer		Depth to Product:		
Stainless Steel Bailer		Pre	ssure Bailer		Depth to Water: Hydrocarbon Thicki		ft
Stack Pump	<u></u>	Disc	crete Bailer		Visual Confirmation		
Suction Pump	<u></u>	Oth	er:				
Grundfos					Skimmer / Absorba	nt Sock (circle o	one)
Other:					Amt Removed from Amt Removed from	Skimmer:	gs
					Water Removed:		
					Product Transferre		
	A71/3	Weat	her Conditions	Clev			
Start Time (purge):	0/42				Odo	r. <i>810</i>	
Sample Time/Date		Sodim	ent Description	Trefet	7		
Purging Flow Rate				Volume:	gal.		
Did well de-water	?	if yes, iii	ne:				
	Valumo		Conductivity	Temperature	D.O.	ORP	
Time (2400 hr.)	Volume (gal.)	pΗ	(u mhos/cm)	C/F)	(mg/L)	(mV)	
10751	25	7.84	215	12-3	Pre:	Pre:	
0.758	50	1.23	721	15.7			
6804	76	7.59	132	16.3	 		

		LA	BORATORY IN	ORMATION		NALYSES	
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYP				
MW-	x voa vial	YES	HCL	LANCASTER	ETHANOL(8260)	EX+W1.DE/(0200)	<i>)</i> '
	-	YES	NP NP	LANCASTE	R TPH-D(8015)		
	500ml Amber	IEO					
COMMENTS:	Truffic	Contro	1 Well				
COMMENTO.						,	
						Cina	
Add/Replac	ed Lock:			Add/Replaced	Plug:	_ SIZE	

Bank Conflict # C	hevron #2112	83	J	ob Number:	386956	
······· /	810 Broadway			vent Date:	12-18-06	(inclusive
	akland, CA			ampler:	34-	
ity: <u>O</u>	akialiu, CA					
V-11 15	MW- /2	Date	Monitored: /	2-18-06	Well Condition:	
Vell ID	2 in.	,			1"= 0.04 2"= 0.17 3"= 0.38	
Vell Diameter	29-65 ft.		Volume Factor (VF)	3/4"= 0.02 4"= 0.66	1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 6"= 1.50 12"= 5.8	1
	18.94 ft.					
Depth to Water	10000 11 W	F <u>.17</u>	= 1.82	3 case volume=	Estimated Purge Volume: 5-5	gal.
	<u> </u>				Time Started:	(2400 hrs)
Purge Equipment:	3	Sam	pling Equipment:		Time Completed:	
Disposable Bailer	4	Disp	osable Bailer _		Depth to Product:	
Stainless Steel Bailer		Pres	ssure Bailer		Depth to Water:	ft
Stack Pump		Disc	rete Bailer		Visual Confirmation/Description:	· · · · · · · · · · · · · · · · · · ·
Suction Pump		Oth	er:		-1	
Grundfos					Skimmer / Absorbant Sock (circle Amt Removed from Skimmer:	e one) aal
Other:					Amt Removed from Well:	gal
					Water Removed:	
					Product Transferred to:	
			•			
		1011	eer Conditions:		hear	
Start Time (purge):	115/	weau	ner Conditions:	Charles	Odor: 10	
Sample Time/Date	e: <u>1215 / 12</u>	<u>-18706</u>	vvater Color.	Croce 9		
Purging Flow Rate	e: <u> gpm.</u>		ent Description:		gal.	
Did well de-water'	7	If yes, Tin	ne:	Volume:	yaı.	
			Conductivity	Temperature	D.O. ORP	
Time (2400 hr.)	Volume (gal.)	pH .	(umhos/cm)	(C) E	7 (mg/L) (mV)	1
1156	2	696	628	18-	Pre: Pre:	
	<u> </u>	7.03	637	186	<u> </u>	
1201	3.5	7-0.L	639	18.9	1	
			BORATORY INF	ORMATION		
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE			
MW-	x voa vial	YES	HCL	LANCASTE	TPH-G(8015)/BTEX+MTBE(82	60)/
101002				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ETHANOL(8260) =R TPH-D(8015)	
	2x 500ml Amber	YES	NP	LANCASTE	T IFF D(OO IS)	
			`			
COMMENTS:	411					
				A -1 -1 (D c - 1 c c c c	d Plug: Size:	
Add/Replac	ed Lock:			Add/Replace	U 1 1U9.	

Chevron California Region Analysis Request/Chain of Custody

46	Lancaster Laboratories Where quality is a science.
W	Where quality is a science.

122006-07 Abot. # 10904 Sample #: 494 5844-52

- # ·	
· #	

									A	naiy	/S0S	Keq	uested	·						
		TABAA464	400	T	Matrix					F	nes.	erva	tion	Codes					vative Code	
Facility #: SS#211283-OML G-R#38695		110000101	108		ti.		Ⅲ	H					1		\vdash		_	H = HCl N = HNO₃	T = Thiosu B = NaOH	
Site Address 3810 BROADWAY, OAKLAND						4			Cleanup									$S = H_2SO_4$	O = Other	
Chevron PM:SS Lead	Consultant;CA	MBRIAGL			0.00	బ			3				6				ľ	☐ J value repo	orting needed	
Consultant/Office: G-R, Inc., 6747 Sierra Co.	ırt, Suite J, C	oublin, Ca.	94568		Potable	Total Number of Containers	M 8021□		ा आव्य अर्				260					Must meet I	lowest detection	on limits
Consultant Prj. Mgr. Deanne L. Harding (de	enne@grinc	.com)			2	Į	8		雳			_	80						8260 compot	JI 108
Consultant Phone #:925-551-7555	Fax #: <u>925</u> -					9	8260	န္တ			_	7421						8021 MTBE C		ൈ
Sampler. Steve Hunter	•			,		기출	m 90	1	8		Oxygenates	Z D	0					Confirm all		00
	on SAR:		ا ق	Į.		₹ ₹	+ MTBE	15 M	15 M	<u> </u>	\$	82	3						oxy s on highe	st hil
	Date	Time	Grab	į į	Water		BEX	TPH 8015 MOD	TPH BO15 MOD DRO	8260 full scan	Ĭ	Lead 7420 🔲 7	Ethano		1				oxy s on all hit	
Sample Identification	Collected	Collected	4	2 0		<u> </u>	100	F	F	àd	+-	13	H		1			Comments	/ Remarks	
QA .	12-18-06	1015	X	-	×	8	┤⋛		×	 			V		1					
MW-4 MW-5B		1045	定	+	X	8	k				T	1	X					er.		
MW-6		1140	1/	1	<	न्द	-	X	X				X							
NW-7		0910	X		Υ .	<u>જ</u>	<u>' ></u>	<u> </u>	×		<u> </u>	ļ	×		1	1	<u> </u>			
nu 9		0935	X	<u> </u>	X	8	<u> </u> ×		メ	 	<u> </u>	_	X		-		<u> </u>			
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nw-11	 _/	0810	X	- -	X :	3			1	\vdash	╁	╁	X		┨	+-	╁			
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T	ela)	Reling	uished b	3/	1		<u>.</u>		-	Date 2-/2		Tin 14		Receive	ed by:		入	amo	12inn	7 Time 06
Turnare und Time Requested (TAT) (please cir STD, TAT) 72 hour 48 hou		Bolisto	ulshed b	vr		<u> </u>			\dashv'	ور- ير Dat				Reçejy	ed by:				Date	Time
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Date Backers Ordings (shoop sing if provided)		Relino	uished b	y:	, / .	. 1	1-		Τ,	Dat		Tir		Receive			,		Date 12/2/20	Time
Data Package Options (please circle if required) QC Summery Type I — Full		·	Horn		Mary		<i>-</i> -		ļ,	८ /≥€	iac	17.		Receiv	D_i		-	1	7 Date	Time
Type VI (Raw Date) Circuit Delivershie not peeded			y Cor FedEx		Carrie		Dul						MEDG!	su vy.		/7/	ISK		1000	
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GETTLER-RYAN INC GENERAL CONTRACTOR

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

SAMPLE GROUP

The sample group for this submittal is 1019113. Samples arrived at the laboratory on Thursday, December 21, 2006. The PO# for this group is 0015009981 and the release number is SINHA.

Client Description			Lancaster Labs Number
QA-T-061218	NA V	/ater	4945844
MW-4-W-061218	Grab	Water	4945845
MW-5B-W-061218	Grab	Water	4945846
MW-6-W-061218	Grab	Water	4945847
MW-7-W-061218	Grab	Water	4945848
*** ** * ** ** ** ** ** ** ** ** ** **	Grab	Water	4945849
MW-9-W-061218		Water	4945850
MW-10-W-061218	Grab		4945851
MW-11-W-061218	Grab	Water	4945852
MW-12-W-061218	Grab	Water	4943832

ELECTRONIC COPY TO

Cambria c/o Gettler-Ryan

Attn: Cheryl Hansen



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Questions? Contact your Client Services Representative Angela M Miller at (717) 656-2300

Respectfully Submitted,

Robin C. Runkle Senior Specialist



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Page 1 of 1

Lancaster Laboratories Sample No. WW 4945844

OA-T-061218

NA

Water

Facility# 211283 Job# 386956 3810 Broadway-Oakland T06

T0600101108 QA

Collected: 12/18/2006

Account Number: 10904

CO11ecceu. 12/10/2000

Charron

GRD

Submitted: 12/21/2006 10:10 Reported: 01/04/2007 at 18:30

6001 Bollinger Canyon Rd L4310

Discard: 02/04/2007

San Ramon CA 94583

OKLQA

			As Received	As Received Method		Dilution
CAT No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1 .
	The reported concentration of TF gasoline constituents eluting pr start time.	PH-GRO does not lior to the C6	include MTBE or (n-hexane) TPH-G	other RO range		
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
1 (41) (1) (41) (1) (V	

		- · · · · · · · · · · · · · · · · · · ·		Analysis		Dilution
CAT No.	Analysis Name	Method	Trial#	Date and Time	Analyst Martha L Seidel	Factor
01728	TPH-GRO - Waters	TPH GRO SW-846 8015B	1	12/21/2006 18:50		-
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/27/2006 08:13	Dawn M Harle	1
		SW-846 5030B	7	12/21/2006 18:50	Martha L Seidel	1
01146	GC VOA Water Prep		-	12/27/2006 08:13	Dawn M Harle	1
01163	GC/MS VOA Water Prep	SW-846 5030B	7	12/2//2000 00:13	DUWII II IIULLU	_



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Lancaster Laboratories Sample No. WW 4945845

MW-4-W-061218 Grab

Facility# 211283 Job# 386956

GRD

3810 Broadway-Oakland

T0600101108 MW-4

Water

Collected:12/18/2006 10:15

by SH

Account Number: 10904

Submitted: 12/21/2006 10:10

Reported: 01/04/2007 at 18:30

Discard: 02/04/2007

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

OKLD4

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limít	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1 .
	The reported concentration of gasoline constituents eluting	TPH-GRO does not prior to the C6	include MTBE o (n-hexane) TPH-	or other -GRO range		
06609	start time. TPH-DRO (Waters)	n.a.	250.	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
	Toluene	108-88-3	N.D.	0.5	ug/l	1
05407		100-41-4	N.D.	0.5	ug/l	1
05415 06310	Ethylbenzene 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 Dilution Analysis CAT Factor Analyst Date and Time Method Analysis Name No. Martha L Seidel 12/21/2006 19:32 TPH GRO SW-846 8015B 1 01728 TPH-GRO - Waters 12/28/2006 12:23 Tracy A Cole SW-846 8015B TPH-DRO (Waters) 06609 12/28/2006 15:18 Dawn M Harle 1 SW-846 8260B 1 BTEX, MTBE, ETOH 06067 Martha L Seidel 1 12/21/2006 19:32 SW-846 5030B 1 GC VOA Water Prep 01146 Dawn M Harle 1 12/28/2006 15:18 SW-846 5030B 1 GC/MS VOA Water Prep 01163 Jason A Heisey 1 12/22/2006 14:05 SW-846 3510C Extraction - Fuel/TPH 02376 (Waters)



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Page 1 of 1

Lancaster Laboratories Sample No. WW 4945846

MW-5B-W-061218 Grab

Facility# 211283 Job# 386956 3810 Broadway-Oakland T0600101108 MW-5B

Collected:12/18/2006 10:45

by SH

Account Number: 10904

Submitted: 12/21/2006 10:10

Reported: 01/04/2007 at 18:30 Discard: 02/04/2007

Chevron

GRD

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

OKL5B

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of T gasoline constituents eluting p	n.a. TPH-GRO does not prior to the C6	N.D. include MTBE o (n-hexane) TPH-	50. r other GRO range	ug/l	1
06609	start time. TPH-DRO (Waters)	n.a.	580.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587 02010 05401 05407 05415 06310	Ethanol Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	64-17-5 1634-04-4 71-43-2 108-88-3 100-41-4 1330-20-7	N.D. 14. N.D. N.D. N.D. N.D.	50. 0.5 0.5 0.5 0.5	ug/l ug/l ug/l ug/l ug/l	1 1 1 1 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	Chro	nicle Analysis		Dilution
CAT No. 01728	Analysis Name TPH-GRO - Waters	Method TPH GRO SW-846 8015B	Trial#	Date and Time 12/21/2006 19:53	Analyst Martha L Seidel	Factor 1
06609 06067 01146 01163 02376	TPH-DRO (Waters) BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - Fuel/TPH (Waters)	mod SW-846 8015B SW-846 8260B SW-846 5030B SW-846 5030B SW-846 3510C	1 1 1 1	12/28/2006 12:46 12/28/2006 15:42 12/21/2006 19:53 12/28/2006 15:42 12/22/2006 14:05	Tracy A Cole Dawn M Harle Martha L Seidel Dawn M Harle Jason A Heisey	1 1 1 1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 4945847

MW-6-W-061218

Facility# 211283 Job# 386956

3810 Broadway-Oakland T0600101108 MW-6

Collected: 12/18/2006 11:40

GRD

by SH

Account Number: 10904

Submitted: 12/21/2006 10:10

Reported: 01/04/2007 at 18:30 Discard: 02/04/2007

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

OKLD6

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters The reported concentration of gasoline constituents eluting	n.a. TPH-GRO does no prior to the C6	14,000. t include MTBE of (n-hexane) TPH-	250. or other	ug/l	S
06609	start time. TPH-DRO (Waters)	n.a.	2,700.	150.	ug/l	5
06067	BTEX, MTBE, ETOH					
		64-17-5	N.D.	50.	ug/l	1
01587	Ethanol	1634-04-4	4.	0.5	ug/l	1
02010	Methyl Tertiary Butyl Ether	71-43-2	1,200.	10.	ug/l	20
05401	Benzene		370.	10.	ug/l	20
05407	Toluene	108-88-3		10.	ug/l	20
05415	Ethylbenzene	100-41-4	680.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	1,300.	10.	3,	

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	Chro	nicle Analysis		Dilution
CAT No. 01728	Analysis Name TPH-GRO - Waters	Method TPH GRO SW-846 8015B	Trial# 1	Date and Time 12/21/2006 20:14	Analyst Martha L Seidel	Factor 5
06609 06067 06067 01146 01163 01163	TPH-DRO (Waters) BTEX, MTBE, ETOH BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep GC/MS VOA Water Prep Extraction - Fuel/TPH (Waters)	mod SW-846 8015B SW-846 8260B SW-846 8260B SW-846 5030B SW-846 5030B SW-846 5030B SW-846 3510C	1 1 1 1 2	12/29/2006 19:30 12/28/2006 16:30 12/29/2006 23:12 12/21/2006 20:14 12/28/2006 16:30 12/29/2006 23:12 12/22/2006 14:05	Tracy A Cole Dawn M Harle Kelly E Brickley Martha L Seidel Dawn M Harle Kelly E Brickley Jason A Heisey	5 1 20 5 1 20



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Lancaster Laboratories Sample No. WW 4945848

MW-7-W-061218

Grab

Water

Facility# 211283 Job# 386956

3810 Broadway-Oakland T0600101108 MW-7 Collected:12/18/2006 09:10 by SH

Account Number: 10904

- . m----

Submitted: 12/21/2006 10:10

Reported: 01/04/2007 at 18:30

Discard: 02/04/2007

GRD

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

OKLD7

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of gasoline constituents eluting	TPH-GRO does not prior to the C6	include MTBE of (n-hexane) TPH-	or other GRO range		
06609	start time. TPH-DRO (Waters)	n.a.	270.	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		Analysis		Dilution		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	TPH GRO SW-846 8015B	1	12/21/2006 20:35	Martha L Seidel	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	12/28/2006 13:32	Tracy A Cole	1
	BTEX, MTBE, ETOH	SW-846 8260B	1	12/28/2006 16:54	Dawn M Harle	1
06067	GC VOA Water Prep	SW-846 5030B	1	12/21/2006 20:35	Martha L Seidel	1
01146	GC/MS VOA Water Prep	SW-846 5030B	1	12/28/2006 16:54	Dawn M Harle	1
01163 02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	12/22/2006 14:05	Jason A Heisey	1



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Lancaster Laboratories Sample No. WW 4945849

MW-9-W-061218

Grab

Water

Facility# 211283 Job# 386956

T0600101108 MW-9

3810 Broadway-Oakland Collected:12/18/2006 09:35

by SH

Account Number: 10904

Submitted: 12/21/2006 10:10

Reported: 01/04/2007 at 18:30

Discard: 02/04/2007

Chevron

GRD

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

OKLD9

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of gasoline constituents eluting	TPH-GRO does not prior to the C6	include MTBE o (n-hexane) TPH-	r other GRO range		
06609	start time. TPH-DRO (Waters)	n.a.	220.	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	7.	0.5	ug/l	1
02010	Benzene	71-43-2	N.D.	0.5	ug/l	1
05401	Toluene	108-88-3	N.D.	0.5	ug/l	ı
	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05415 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

		Laboratory	CIII O.	Analysis		Dilution
CAT No. 01728	Analysis Name TPH-GRO - Waters	Method TPH GRO SW-846 8015B	Trial#	Date and Time 12/21/2006 20:56	Analyst Martha L Seidel	Factor 1
06609 06067 01146 01163 02376	TPH-DRO (Waters) BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - Fuel/TPH (Waters)	mod SW-846 8015B SW-846 8260B SW-846 5030B SW-846 5030B SW-846 3510C	1 1 1 1	12/28/2006 13:55 12/28/2006 17:18 12/21/2006 20:56 12/28/2006 17:18 12/22/2006 14:05	Tracy A Cole Dawn M Harle Martha L Seidel Dawn M Harle Jason A Heisey	1 1 1 1



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4945850 Lancaster Laboratories Sample No.

MW-10-W-061218

Water

Facility# 211283 Job# 386956 3810 Broadway-Oakland T0600101108 MW-10

Collected:12/18/2006 08:45

by SH

Account Number: 10904

Submitted: 12/21/2006 10:10

Chevron

GRD

Reported: 01/04/2007 at 18:30

6001 Bollinger Canyon Rd L4310

Discard: 02/04/2007

San Ramon CA 94583

OKL10

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	2,500.	50.	ug/l	1
	The reported concentration of gasoline constituents eluting	TPH-GRO does not prior to the C6	include MTBE o (n-hexane) TPH-	r other GRO range		
06609	start time. TPH-DRO (Waters)	n.a.	2,900.	150.	ug/l	5
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	ı
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	ı
	Benzene	71-43-2	270.	3.	ug/l	5
05401		108-88-3	97.	0.5	ug/l	1
05407	Toluene	100-41-4	97.	0.5	ug/l	1
05415 06310	Ethylbenzene Xylene (Total)	1330-20-7	170.	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 Analysis							
CAT No. 01728	Analysis Name TPH-GRO - Waters	Method TPH GRO SW-846 8015B	Trial#	Date and Time 12/21/2006 21:21	Analyst Martha L Seidel	Factor 1		
06609 06067 06067 01146 01163 01163 02376	TPH-DRO (Waters) BTEX, MTBE, ETOH BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep GC/MS VOA Water Prep Extraction - Fuel/TPH (Waters)	mod SW-846 8015B SW-846 8260B SW-846 8260B SW-846 5030B SW-846 5030B SW-846 5030B SW-846 3510C	1 1 1 1 2	12/28/2006 15:06 12/28/2006 17:42 12/28/2006 18:06 12/21/2006 21:21 12/28/2006 17:42 12/28/2006 18:06 12/22/2006 14:05	Tracy A Cole Dawn M Harle Dawn M Harle Martha L Seidel Dawn M Harle Dawn M Harle Jason A Heisey	5 1 5 1 5		



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4945851 Lancaster Laboratories Sample No.

MW-11-W-061218

Grab

Facility# 211283 Job# 386956

3810 Broadway-Oakland

T0600101108 MW-11

Collected: 12/18/2006 08:10

by SH

Account Number: 10904

Submitted: 12/21/2006 10:10

Chevron

GRD

Reported: 01/04/2007 at 18:30

6001 Bollinger Canyon Rd L4310

Discard: 02/04/2007

San Ramon CA 94583

OKL11

CAT No. 01728	Analysis Name TPH-GRO - Waters	CAS Number	As Received Result N.D.	As Received Method Detection Limit 50.	Units	Dilution Factor
06609	The reported concentration of gasoline constituents eluting start time. TPH-DRO (Waters)	TPH-GRO does not prior to the C6	(n-hexane) TPH-	GRO range	ug/l	1
06067	BTEX, MTBE, ETOH				/3	1
01587	Ethanol	64-17-5	N.D.	50.	ug/l	7
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	<u>.</u>
	_	71-43-2	N.D.	0.5	ug/l	1
05401	Benzene	108-88-3	N.D.	0.5	ug/l	1
05407	Toluene	100-41-4	N.D.	0.5	ug/l	1
05415 06310	Ethylbenzene 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 Dilution Analysis CAT Factor Analyst Trial# Date and Time Method Analysis Name Martha L Seidel No. 12/21/2006 21:42 TPH GRO SW-846 8015B 1 TPH-GRO - Waters 01728 mod 12/28/2006 14:19 Tracy A Cole SW-846 8015B 1 TPH-DRO (Waters) 1 06609 12/28/2006 18:30 Dawn M Harle SW-846 8260B BTEX, MTBE, ETOH 06067 Martha L Seidel 1 12/21/2006 21:42 SW-846 5030B 1 GC VOA Water Prep 12/28/2006 18:30 1 01146 Dawn M Harle SW-846 5030B 1 GC/MS VOA Water Prep 01163 1 Jason A Heisey 12/22/2006 14:05 SW-846 3510C Extraction - Fuel/TPH 02376 (Waters)



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Lancaster Laboratories Sample No. WW 4945852

Grab MW-12-W-061218

GRD

Facility# 211283 Job# 386956 3810 Broadway-Oakland T0600101108

MW-12

Collected: 12/18/2006 12:15

Account Number: 10904

Submitted: 12/21/2006 10:10

Reported: 01/04/2007 at 18:30

Discard: 02/04/2007

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

OKL12

				As Received		
			As Received	Method		Dilution
CAT No.	Analysis Name	CAS Number	Result	Detection Limít	Units	Factor
01728	TPH-GRO - Waters	n.a.	240.	50.	ug/l	1
	The reported concentration of The gasoline constituents eluting programme to the constituents of the const	PH-GRO does not rior to the C6	include MTBE or (n-hexane) TPH-G	other RO range		
06609	start time. TPH-DRO (Waters)	n.a.	410.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	1
02010	-	71-43-2	68.	0.5	ug/l	1
05401	Benzene	108-88-3	5.	0.5	ug/l	1
05407	Toluene	100-41-4	1.	0.5	ug/l	1
05415 06310	Ethylbenzene Xylene (Total)	1330-20-7	1.	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

		Laboratory	CHIO.	Analysis		Dilution
CAT No. 01728	Analysis Name TPH-GRO - Waters	Method TPH GRO SW-846 8015B	Trial# 1	Date and Time 12/21/2006 22:03	Analyst Martha L Seidel	Factor 1
06609 06067 01146 01163 02376	TPH-DRO (Waters) BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - Fuel/TPH (Waters)	mod SW-846 8015B SW-846 8260B SW-846 5030B SW-846 5030B SW-846 3510C	1 1 1 1	12/28/2006 14:43 12/28/2006 18:54 12/21/2006 22:03 12/28/2006 18:54 12/22/2006 14:05	Tracy A Cole Dawn M Harle Martha L Seidel Dawn M Harle Jason A Heisey	1 1 1 1



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Quality Control Summary

Client Name: Chevron

Group Number: 1019113

Reported: 01/04/07 at 06:30 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank <u>MDL</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: 06355A54B TPH-GRO - Waters	Sample nu N.D.	umber(s):	4945844-49 ug/l	45852 119	119	70-130	0	30
Batch number: 063560000A TPH-DRO (Waters)	Sample no	umber(s): 29.	4945845-49 ug/l	45852 95	98	63-119	3	20
Batch number: D063612AA Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total) Batch number: Z063622AA Ethanol	N.D. N.D. N.D. N.D. N.D.	umber(s): 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4945844 ug/l ug/l ug/l ug/l ug/l 4945845-49 ug/l ug/l	88 100 103 94 99 45852 110 93		73-119 85-117 85-115 82-119 83-113		
Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total) Batch number: Z063634AA Benzene Toluene Ethylbenzene Xylene (Total)	N.D. N.D. N.D. N.D.	0.5 0.5 0.5 0.5 0.5 umber(s): 0.5 0.5	ug/l ug/l ug/l ug/l	100 104 101 102 97 99 99		85-117 85-115 82-119 83-113 85-117 85-115 82-119 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

Analysis Name	MS %REC	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06355A54B TPH-GRO - Waters	Sample 118	number	(s): 4945844 63-154	-494585	52 UNSPE	K: P943551			
Batch number: D063612AA Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	85 104 107 99 104	83 102 109 98 103	(s): 4945844 69-127 83-128 83-127 82-129 82-130	2 2 2 1	30 30 30 30 30				
Batch number: Z063622AA	Sample	number	(s): 4945845	-49458	52 UNSPI	K: P946070			

*- Outside of specification

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

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Quality Control Summary

Client Name: Chevron

Group Number: 1019113

Reported: 01/04/07 at 06:30 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

Analysis Name Ethanol Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene	MS %REC 94 96 107 112 107	MSD <u>%REC</u> 92 97 106 112 107	MS/MSD Limits 34-161 69-127 83-128 83-127 82-129	RPD 1 0 0	RPD MAX 30 30 30 30 30	BKG <u>Conc</u>	DUP Conc	DUP <u>RPD</u>	Dup RPD Max
Xylene (Total)	110	110	82-130	0	30				
Batch number: Z063634AA Benzene Toluene Ethylbenzene Xylene (Total)	Sampl 109 109 110 107	e number 109 110 109 107	83-128 83-128 83-127 82-129 82-130	7 UNSP 0 1 1 0	K: P947: 30 30 30 30 30	274			

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-GRO - Waters Batch number: 06355A54B Trifluorotoluene-F

•	Trifluorotoluene-F	
4945844	92	
4945845	91 .	
4945846	90	
4945847	128	
4945848	88	
4945849	93	
4945850	130	
4945851	91	
4945852	97	
Blank	92	
LCS	102	
LCSD	102	
MS	99	
Limits:	63-135	

Analysis Name: TPH-DRO (Waters) Batch number: 063560000A Orthoterphenyl

4945845	94
4945846	95
4945847	94
4945848	96
4945849	92
4945850	103
4945851	99
4945852	81

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



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Quality Control Summary

Client Name: Chevron

Group Number: 1019113

Reported: 01/04/07 at 06:30 PM

Surrogate Quality Control

96 Blank 108 109 LCSD

Limits:

Analysis Name: BTEX+MTBE by 8260B Batch number: D063612AA Dibromofluoromethane

Batch number: D063612AA Dibromofluoromethane		1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
4945844 Blank LCS MS MS	105 104 101 101	100 101 98 99	97 98 97 96 97	93 95 109 111 109	
Limits:	80-116	77-113	80-113	78-113	

accii iidiib	er: 2063622AA Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzen	
.945845 .945846 .945847 .945848 .945849 .945850 .945851 .945852 .31ank	98 100 95 99 101 96 97 98	99 96 94 98 98 97 96 97	107 107 104 103 106 105 105 105 105	98 99 105 97 99 103 100 99 95	
LCS MS MSD	97 96 98	96 96 97 77-113	105 107 80-113	106 107 78-113	

Analysis Name: 8260 Master Scan (water)

Analysis I Batch numl	Name: 8260 Master Scan (wat ber: 2063634AA Dibromofluoromethane	ter) 1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank LCS MS MSD	96 96 96 95	95 98 97 97	106 106 107 107	95 99 104 103
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 background 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. TNTC IU umhos/cm C Cal meq g ug	none detected Too Numerous To Count International Units micromhos/cm degrees Celsius (diet) calories milliequivalents gram(s) microgram(s) milliter(s)	BMQL MPN CP Units NTU F Ib. kg mg I ul	Below Minimum Quantitation Level Most Probable Number cobalt-chloroplatinate units nephelometric turbidity units degrees Fahrenheit pound(s) kilogram(s) milligram(s) liter(s) microliter(s) fibers greater than 5 microns in length per ml
m3	cubic meter(s)		the time the amount of analyte which

- 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.

Inorganic Qualifiers

- 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

	0.9		
A B C D E J N P U Z	TIC is a possible aldol-condensation product Analyte was also detected in the blank Pesticide result confirmed by GC/MS Compound quatitated on a diluted sample Concentration exceeds the calibration range of the instrument Estimated value Presumptive evidence of a compound (TICs only) Concentration difference between primary and confirmation columns >25% Compound was not detected Defined in case narrative	BEMNS UW * +	Value is <crdl, (msa)="" <0.995<="" additions="" amount="" analysis="" but="" calculation="" coefficient="" compound="" control="" correlation="" detected="" digestion="" due="" duplicate="" estimated="" for="" injection="" interference="" limits="" met="" method="" msa="" not="" of="" out="" post="" precision="" spike="" standard="" th="" to="" used="" was="" within="" ≥idl=""></crdl,>
. ,			and the second s

X,Y,Z Defined in case narrative

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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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