RECEIVED By lopprojectop at 11:45 am, Jan 24, 2006



TRANSMITTAL

January 20, 2006 G-R #386956

TO:	Mr. Robert Foss	CC:	Mr. Mark Inglis
	Cambria Environmental Technology, Inc.		ChevronTexaco Company
	5900 Hollis Street, Suite A		P.O. Box 6012, Room K2256
	Emeryville, California 94608		San Ramon, California 94583
FROM:	Deanna L. Harding	RE:	Former Texaco Service Station
*******	Project Coordinator		3810 Broadway
	Gettler-Ryan Inc.		Oakland, California
	6747 Sierra Court, Suite J		(Site #211283)
	Dublin, California 94568		RO 0000056

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	January 20, 2006	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 19, 2005

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, 2006*, at which time the final report will be distributed to the following:

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

Enclosures

Trans/211283-MI



J. Mark Inglis Project Manager

Retail & Terminal Business Unit Chevron Environmental

Chevron Environmental Management Company 6001 Bollinger Canyon Road, Room K2256 San Ramon, CA 94583-2324 Tel 925 842 1589 Fax 925 842 8370 jmark.inglis@chevrontexaco. com

Jan. 20, 2006

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 20,2006

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,

. Mark Inglis Project Manager

Enclosure: Report



January 20, 2006 G-R Job #386956

Mr. Mark Inglis ChevronTexaco Company P.O. Box 6012, Room K2256 San Ramon, CA 94583

Fourth Quarter Event of December 19, 2005 RE: Groundwater Monitoring & Sampling Report Former Texaco Service Station 3810 Broadway Oakland, California (Site #211283)

Dear Mr. Inglis:

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,

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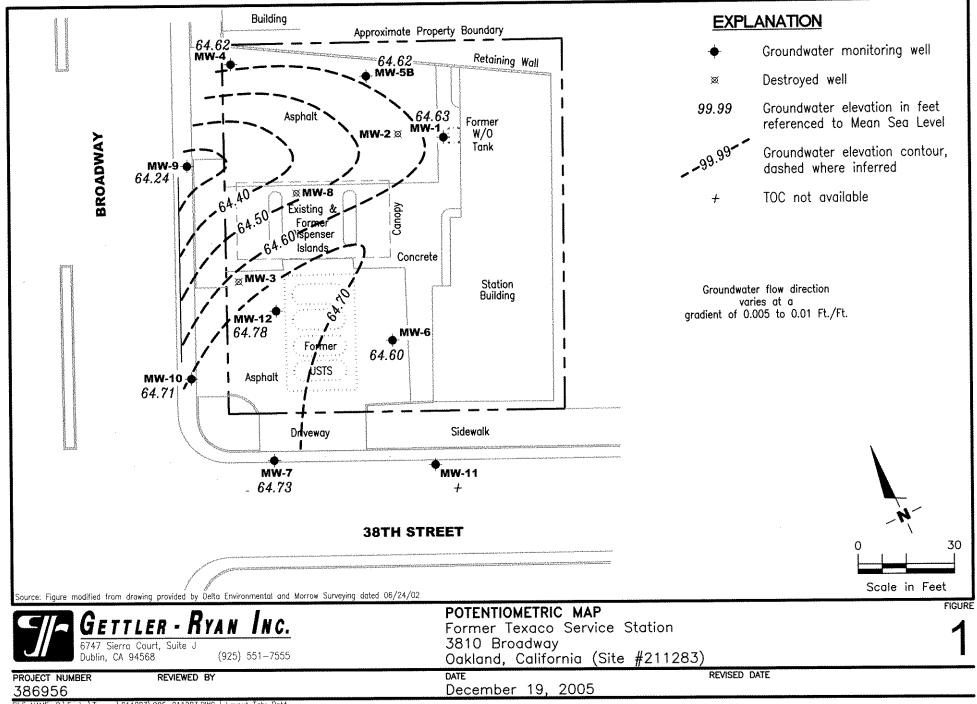
- FOR-Deanna L. Harding Project Coordinator

Róbert A. Lauritzen

Senior Geologist, P.G. No. 7504



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



FILE NAME: P:\Enviro\Texaco\211283\Q05-211283.DWG | Layout Tab: Pot4

3810 Broadway

Oakland, California

						Oakland	, California					at a contrate and a	
WELL ID/	TOC*	DTW	GWE	SPHT	трн-д	TPH-G	В	Т	E	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(ft.)	(ft.)	(msl)	(fi.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-1													
06/28/96	86.69	21.77	64.92		<50	<100	<0.5	<1.0	<1.0	<2.0			
10/10/96	86.69	23.26	63.43		<400	520	9.2	53	17	70	22	16 ¹	
11/07/96	86.69	23.27	63.42								-		
12/18/97	86.69	19.70	66.99		<50	2,200	<3.0	<3.0	<3.0	<3.0 -	<200		
04/06/98	86.69	16.88	69.81		<50	1,600	16.4	0.8	<0.5	<0.5	38.3		
06/18/98	86.69	19.78	66.91	- 1444	280	330	7.8	<0.5	< 0.5	<0.5	<0.5		
08/31/98	86.69	21.71	64.98		150	<50	1.5	<0.5	< 0.5	<0.5	<2.5		
12/21/98	86.69	22.15	64.54		130	130	2.3	0.90	<0.5	<0.5	110	13	
03/24/99	86.69	19.55	67.14		305	1,520	11.7	<2.50	<2.50	<2.50	21.6	<25.0	
06/25/99	86.69	21.60	65.09		207	231	5.29	<0.500	< 0.500	<0.500	3.94	1.01	
09/24/99	86.69	22.58	64.11		71.7	58.6	6.03	< 0.500	< 0.500	< 0.500	3.70		
12/29/99	86.69	22.81	63.88		345	117	4.26	< 0.500	<0.500	1.97	26.2	< 0.500	
03/21/00	86.69	19.00	67.69		319	834	<0.500	< 0.500	< 0.500	< 0.500	21.5		
07/26/00	86.69	21.50	65.19		125	<50.0	< 0.500	< 0.500	< 0.500	<0.500	<2.50		
09/06/00	86.69	21.90	64.79		192	88.1	15.60	< 0.500	< 0.500	< 0.500			
11/29/00	86.92	22.05	64.87		331	<50.0	3.52	< 0.500	< 0.500	< 0.500			
03/06/01	86.92	19.79	67.13										
	86.92	20.15	66.77		5	204	10.7	< 0.500	< 0.500	< 0.500			
03/23/01	86.92 86.92	20.13	65.14		330	<50	< 0.50	< 0.50	< 0.50	< 0.50		0.87	
06/19/01 ⁶	86.92	24.37	62.55		400	74	<0.50	0.63	<0.50	2.7		<5.0	
09/05/01 ⁶	86.92	24.37	66.67		530	59	1.7	< 0.50	< 0.50	< 0.50		<5.0	
12/20/01 ⁶ 06/25/02	86.69	21.64	65.05	0.00	490 ⁹	<50	<0.50	< 0.50	< 0.50	<1.5	<2.5		
09/18/02	86.69	22.44	64.25	0.00	180	<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
12/19/02	86.69	21.49	65.20	0.00	320	<50	<0.50	<0.50	< 0.50	<1.5	<2.5		
03/20/03	86.69	20.92	65.77	0.00			ND IN WELL						
$05/20/03^{10}$	86.69	21.34	65.35	0.00	310	<50	< 0.5	<0.5	<0.5	<0.5		<0.5	-
	86.69 86.69	21.34	64.23	0.00	150	<50	<0.5	<0.5	< 0.5	<0.5		<0.5	<50
$09/22/03^{10}$	86.69 86.69	22.46	64.23 64.59	0.00	350	<50	<0.5	<0.5	< 0.5	< 0.5		<0.5	<50
$12/22/03^{10}$	86.69 86.69	22.10	66.27	0.00	270	<50	< 0.5	<0.5	<0.5	<0.5		2	<50
$03/22/04^{10}$			64.76	0.00	130	<50	<0.5	<0.5	<0.5	< 0.5		<0.5	<50
06/21/04 ¹⁰	86.69	21.93	64.76 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	63.70 64.91	0.00	240 320 ⁹	<50 <50	<0.5	< 0.5	< 0.5	< 0.5	****	< 0.5	<50
12/20/04 ¹⁰	86.69	21.78		0.00	$320 \\ 400^{9}$	<50	<0.5	<0.5	< 0.5	<0.5		0.6	<50
03/28/0510	86.69	19.28	67.41	0.00	400	<30	~0.5	~0.5	-0.0	-015			

3810 Broadway

Oskland California

	Oakland, California												
WELL ID/	ТОС*	DTW	GWE	SPHT	TPH-D	трн-б	В	Ť	Е	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(fi.)	(ft.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-1 (cont)													
06/27/05 ¹⁰	86.69	20.82	65.87	0.00	20012	<50	<0.5	< 0.5	<0.5	< 0.5	**	<0.5	<50
06/27/05 09/19/05 ¹⁰	86.69	22.17	64.52	0.00	62	<50	< 0.5	< 0.5	< 0.5	<0.5		<0.5	<50
	86.69 86.69	22.06	64.63	0.00	360 ¹⁶	<50	<0.5	0.8	<0.5	<0.5		<0.5	<50
12/19/05 ¹⁰	00.07	22.00	04.00	0100	200								
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		ar m
11/07/96	83.31	19.84	63.47										
12/18/97	83.31	17.77	65.54		2,000	<50	<0.5	<0.5	<0.5	< 0.5	<30		
04/06/98	83.31	15.45	67.86		<50	<50	<0.5	<0.5	<0.5	< 0.5	<30	NO 177	ad 200
06/18/98	83.31	16.89	66.42		53	<50	<0.5	<0.5	<0.5	<0.5	<0.5		
08/31/98	83.31	18.48	64.83		60	<50	<0.5	<0.5	< 0.5	<0.5	<2.5		
12/21/98	83.31	18.80	64.51		<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5		
03/24/99	83.31	16.70	66.61		<50.0	<50.0	< 0.500	< 0.500	< 0.500	<0.500	<2.00		
06/25/99	83.31	18,16	65.15		128	<50.0	<0,500	< 0.500	< 0.500	< 0.500	<2.00	200 M	
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		TION IN W	ELL								an m	
09/06/00	83.31	18.52	64.79		5	<50.0	< 0.500	< 0.500	< 0.500	< 0.500			'
11/29/00	83.63	18.75	64.88		183	<50.0	< 0.500	< 0.500	<0.500	<0.500			
03/06/01	83.63	17.81	65.82		50.9	<50.0	< 0.500	< 0.500	< 0.500	< 0.500			
06/19/01 ⁶	83.63	18.55	65.08		<50	<50	< 0.50	< 0.50	< 0.50	<0.50		< 0.50	
09/05/01 ⁶	83.63	19.10	64.53		710	<50	< 0.50	< 0.50	< 0.50	< 0.50		<5.0	
12/20/01 ⁶	83.63	17.55	66.08		460	<50	< 0.50	< 0.50	< 0.50	<0.50		<5.0	~-
06/25/02	83.31	18.39	64.92	0.00	250	<50	< 0.50	< 0.50	<0.50	<1.5	<2.5		
09/18/02	83.31	19.16	64.15	0.00	160	<50	< 0.50	<0.50	< 0.50	<1.5	<2.5		
12/19/02	83.31	18.14	65.17	0.00	56	<50	< 0.50	<0.50	< 0.50	<1.5	<2.5		
03/20/03	83.31	17.76	65.55	0.00	180	<50	< 0.50	< 0.50	<0.50	<1.5	<2.5		
06/23/03 ¹⁰	83.31	18.13	65.18	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	401.389	<0.5	
09/22/03 ¹⁰	83.31	19.08	64.23	0.00	110	<50	<0.5	<0.5	< 0.5	< 0.5		< 0.5	<50
12/22/03 ¹⁰	83.31	18.78	64.53	0.00	<50	<50	< 0.5	< 0.5	<0.5	<0.5		<0.5	<50

3810 Broadway

	Oakland, California MTBE by MTBI												
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	B	T	£	x	8020	8260	ETHANOL
	(fi.)	(ft.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
DATE	(Jr.)	0.9	(ause)		and the second second								
MW-4 (cont)				0.00	120	<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		<0.5 <0.5	<0.5	<0.5	< 0.5		<0.5	<50
06/21/0410	83.31	18.67	64.64	0.00	87	<50 <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	<30 <50	<0.5	<0.5	<0.5	<0.5 -		<0.5	<50
12/20/0410	83.31	18.59	64.72	0.00	66 ⁹		<0.5	<0.5	<0.5	<0.5		< 0.5	<50
03/28/0510	83.31	16.82	66.49	0.00	71 ⁹	<50	<0.5	<0.5	<0.5	<0.5		< 0.5	<50
06/27/0510	83.31	17.61	65.70	0.00	120 ¹²	<50	<0.5 <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	<50
12/19/05 ¹⁰	83.31	18.69	64.62	0.00	<50	<50	<0.5	<0.5	~0.5	~0.5			
MW-5B											120		
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 OVER	WELL						No. 200	290	
06/23/03 ¹⁰	85.36	20.18	65.18	0.00	300	<50	<0.5	<0.5	<0.5	<0.5		290 260	<50
09/22/03 ¹⁰	85.36	21.19	64.17	0.00	200	91	19	<0.5	3	<0.5			- ^
12/22/03 ¹⁰	85.36	20.85	64.51	0.00	410	99	18	<0.5	<0.5	<0.5		52 .	<30 <50
03/22/04 ¹⁰	85.36	19.26	66.10	0.00	400	<50	<0.5	<0.5	< 0.5	<0.5		210	
06/21/04 ¹⁰	85.36	20.70	64.66	0.00	270	<50	<0.5	<0.5	<0.5	<0.5		100	<50
09/20/04 ¹⁰	85.36	21.69	63.67	0.00	430	<50	<0.5	<0.5	<0.5	<0.5		9	<50
12/20/04 ¹⁰	85.36	20.56	64.80	0.00	400^{9}	<50	<0.5	<0.5	<0.5	< 0.5	***	48	<50
03/28/05 ¹⁰	85.36	18.12	67.24	0.00	48 0 ⁹	<50	< 0.5	<0.5	<0.5	<0.5		67	<50
03/28/03 06/27/05 ¹⁰	85.36	19.61	65.75	0.00	350 ¹³	<50	<0.5	<0.5	< 0.5	<0.5		57	<50
09/19/05 ¹⁰	85.36	20.88	64.48	0.00	220	<50	< 0.5	<0.5	< 0.5	<0.5	~=	32	<50
12/19/05 ¹⁰	85.36	20.74	64.62	0.00	330 ¹⁶	<50	<0.5	<0.5	< <0.5	<0.5		21	<50
12/19/05													
MW-6		~	10.15		500	45,000	8,300	2,900	810	3,100	190	40 ¹	
10/10/96	86.09	22.44	63.65	**			a,500 	2,900					
11/07/96	86.09	22.60	63.49		1 000		12,000	9,800	1,800	8,600	<2,000	We wan	
12/18/97	86.09	22.28	63.81	160 M	1,900	60,000 20,500	5.950	3,720	952	3,750	<1,000		
04/06/98	86.09	19.90	66.19	**	<50	30,500	3,330	J,140	124	0,100			A

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

Former Texaco Service Station (Site #211283)

3810 Broadway

						Oakland,	California				a e /ana 51. 1.	MTBE by	
WELL ID/	TOC*	ĐTW	GWE	SPHT	ТРН-Д	TPH-G	₿	T	E	X	MTBE by 8020	8260	ETHANOL
DATE	(fi.)	(fi.)	(msl)	(fl.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-6 (cont)													
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		-94 497
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											
09/06/00	86.09	INACCESS									** ***		
11/29/00	86.48	21.30	65.18		2,060	22,800	4,120	2,010	872	3,180	44 m		144 VIL
03/06/01	86.48	19.05	67.43		2,220	32,100	3,760	4,590	1,160	5,360			
06/19/01 ⁶	86.48	21.11	65.37		<1,500	40,000	2,800	6,000	1,200	5,300	***	<25	
09/05/01 ⁶	86.48	21.37	65.11		<1,000	18,000	3,800	800	730	1,400		<200	
12/20/01 ⁶	86.48	19.80	66.68		<1,300	29,000	2,600	3,700	1,100	4,100		<100	
06/25/02	86.09	21.13	64.96	0.00	2,500	21,000	2,200	1,800	850	2,100	<100		
09/18/02	86.09	22.00	64.09	0.00	1,300	13,000	1,700	480	610	970	110		
12/19/02	86.09	20.98	65.11	0.00	2,700	20,000	2,900	620	770	2,100	<20		
03/20/03	86.09	20.23	65.86	0.00	2,600	23,000	1,500	2,200	920	3,400	<100		
06/23/03 ¹⁰	86.09	20.25	65.13	0.00	2,400	21,000	2,000	1,400	890	2,500		6	-dati kan
09/22/03 ¹⁰	86.09	21.95	64.14	0.00	1,800	7,400	920	220	360	580		5	<50
12/22/03 ¹⁰	86.09	21.63	64.46	0.00	2,300	9,700	1,700	240	450	1,000		6	<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
05/22/04 06/21/04 ¹⁰	86.09	20.64	65.45	0.00	2,800	20,000	2,000	2,300	1,100	3,800		4	<130
09/20/04 ¹⁰	86.09	22.29	63.80	0.00	1,300	4,600	480	65	200	260		4	<100
12/20/04 ¹⁰	86.09	21.33	64.76	0.00	1,500	9,500	1,500	220	450	840		5	<250
03/28/05 ¹⁰	86.09	19.65	66.44	0.00	2,400 ⁹	13,000	1,100	550	600	1,600		3	<250
03/28/05 06/27/05 ¹⁰	86.09	19.86	66.23	0.00	2,400 $2,100^{14}$	15,000	1,100	1,300	790	2,600		3	<100
06/27/05 09/19/05 ¹⁰	86.09	20.49	65.60	0.00	2,100	18,000	1,300	1,200	800	2,500		3	<100
09/19/05 ¹⁰ 12/19/05 ¹⁰	86.09 86.09	20.49 21.49	64.60	0.00	1,900 ¹⁴	13,000	1,900	190	620	890		5	110
12/19/05	00.09	21.47	04.00	0.00	1,200	*******	.,						

3810 Broadway

Oakland.	Califo	rnia

			a eretak kitat	MTBE by									
WELL ID/	тос*	DTW	GWE	SPHT	трн-р	TPH-G	B	T	E	X	MTBE by 8020	8260	ETHANOL
DATE	(ft.)	(fi.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-7													
10/10/96	84.11	20.78	63.33		<50	<50	0.6	<0.5	<0.5	<0.5	<5.0	**	
11/07/96	84.11	20.80	63.31	~							• •		
12/18/97	84.11	17.27	66.84		<50	<50	<0.5	<0.5	<0.5	<0.5	<30	<u>سم</u>	
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	-	100 FFF
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	50 FF	
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		
03/21/00	84.11	18.99	65.12		<50.0	<50.0	< 0.500	<0.500	< 0.500	< 0.500	<2.50		
07/26/00	84.11	19.49	64.62		S	<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			
	84.44	17.15	67.29		<50.0	<50.0	< 0.500	<0.500	< 0.500	< 0.500			
03/06/01	84.44 84.44	19.30	65.14		<50	<50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	
06/19/01 ⁶		20.22	64.22		<50	<50	0.64	0.84	0.94	5.2		<5.0 -	
09/05/01 ⁶	84.44	17.85	66.59		<50 <50	<50	< 0.50	< 0.50	< 0.50	< 0.50		<5.0	
12/20/01 ⁶	84.44	17.85	64.81	0.00	<50 <50	<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
06/25/02	84.11		64.01	0.00	<50 170	<50	<0.50	< 0.50	< 0.50	<1.5	<2.5		
09/18/02	84.11	20.10	65.38	0.00	<50	<50	<0.50	<0.50	< 0.50	<1.5	<2.5	100 PC	
12/19/02	84.11	18.73	65.25	0.00	<50 <50	<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5		
03/20/03	84.11	18.86	65.25 65.11	0.00	<50 <50	<50	<0.5	<0.5	<0.5	< 0.5		< 0.5	
06/23/03 ¹⁰	84.11	19.00	64.06	0.00	<50 <50	<50	<0.5	<0.5	<0.5	< 0.5		<0.5	<50
09/22/03 ¹⁰	84.11	20.05		0.00	72	<50	<0.5	<0.5	- <0.5	<0.5		<0.5	-<50
12/22/03 ¹⁰	84.11	19.72	64.39	0.00	<50	<50 <50	<0.5	<0.5	<0.5	<0.5		<0.5	<50
03/22/04 ¹⁰	84.11	17.94	66.17			<50	<0.5	<0.5	<0.5	< 0.5		<0.5	<50
06/21/04 ¹⁰	84.11	19.53	64.58	0.00	73 69	<50 <50	<0.5	<0.5	<0.5	<0.5		<0.5	<50
09/20/04 ¹⁰	84.11	20.59	63.52	0.00		<50 <50	<0.3 <0.5	<0.5 <0.5	<0.5	<0.5		<0.5	<50
12/20/04 ¹⁰	84.11	19.43	64.68	0.00	67 ⁹		<0.3 <0.5	<0.5 <0.5	<0.5	<0.5		<0.5	<50
03/28/05 ¹⁰	84.11	16.68	67.43	0.00	69 ⁹	<50		<0.5 <0.5	<0.5	<0.5 <0.5		< 0.5	<50
$06/27/05^{10}$	84.11	18.43	65.68	0.00	<50	<50	<0.5	<0.5	~0.5	~0.5	10 M	~0.5	

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				(Groundwater Former 7	r Monitoring Fexaco Servic 3810 F			sults				<u></u>
WELL ID/	ТОС*	DTW	GWE	SPHT	TPH-D	TPH-G	В	r	E	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(fi.)	(ft.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
	<u></u>	<u></u>	<u></u>										
MW-7 (cont) 09/19/05 ¹⁰	84.11	19.77	64.34	0.00	<50	<50	< 0.5	<0.5	<0.5	<0.5		<0.5	<50
12/19/05 ¹⁰	84.11	19.38	64.73	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5		<0.5	<50
MW-9													
10/10/96	82.17	18.62	63.55		520	80	2.5	13	2.2	13	<5.0	111 66	
11/07/96	82.17	63.53	18.64										
12/18/97	82.17	16.42	65.75		<50	<50	<0.5	<0.5	<0.5	<0.5	<30		
04/06/98	82.17	14.00	68.17		<50	<50	<0.5	<0.5	<0.5	<0.5	<30		
06/18/98	82.17	15.33	66.84		100	<50	<0.5	<0.5	<0,5	<0.5	<0.5		60 M
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	w	92.0	<50.0	< 0.500	< 0.500	<0.500	<0.500	<2.00		AL 88
09/24/99	82.17	17.89	64.28		<50.0	<50.0	< 0.500	< 0.500	<0.500	< 0.500	<2.50		
12/29/99	82.17	18.01	64.16		52.8	<50.0	< 0.500	<0.500	< 0.500	<0.500	<5.00		
03/21/00	82.17	14.80	67.37		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	~ ~	
09/06/00	82.17	17.95	64.22		74.3	<50.0	< 0.500	<0.500	< 0.500	< 0.500			
11/29/00	82.52	18.10	64.42		96.2	<50.0	< 0.500	<0.500	<0.500	< 0.500			
03/06/01	82.52	16.75	65.77		94.2	<50.0	< 0.500	< 0.500	< 0.500	< 0.500			
06/19/01 ⁶	82.52	17.83	64.69		<50	<50	<0.50	<0.50	<0.50	<0.50		<0.50	
09/05/01 ⁶	82.52	17.98	64.54		<50	<50	< 0.50	< 0.50	< 0.50	1.6		<5.0	
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		
06/23/0310	82.17	17.14	65.03	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5		0.7	
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
12/22/0310	82.17	17.44	64.73	0.00	94	<50	<0.5	<0.5	<0.5	<0.5		0.7	<50
03/22/0410	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

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California													
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	В	T	E	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(fi.)	(fi.)	(msl)	(fi.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-9 (cont)													
09/20/04 ¹⁰	82.17	18.14	64.03	0.00	120	<50	< 0.5	<0.5	<0.5	<0.5		1	<50
12/20/04 ¹⁰	82.17	17.15	65.02	0.00	74 ⁹	<50	< 0.5	<0.5	<0.5	<0.5		2	<50
03/28/05 ¹⁰	82.17	15.47	66.70	0.00	84 ⁹	<50	< 0.5	<0.5	<0.5	<0.5		3	<50
06/27/05 ¹⁰	82.17	16.41	65.76	0.00	140 ¹²	<50	< 0.5	<0.5	<0.5	<0.5 -		3	<50
09/19/05 ¹⁰	82.17	17.42	64.75	0.00	<50	<50	< 0.5	<0.5	<0.5	<0.5		5	<50
12/19/05 ¹⁰	82.17	17.93	64.24	0.00	52 ¹⁷	<50	<0.5	<0.5	<0.5	<0.5	B	5	<50
MW-10													
10/10/96	81.83	18.40	63.43		<50	<50	< 0.5	< 0.5	<0.5	<0.5	<5.0		
11/07/96	81.83	18.43	63.40	***	-					107 M			
12/18/97	81.83	16.18	65.65		<50	350	6.9	0.87	0.88	0.77	<30		
04/06/98	81.83	14.39	67.44		<50	2,300	224	168	81.4	253	<30		
06/18/98	81.83	15.11	66.72		320	7,200	310	210	83	_ 280	<0.5		
08/31/98	81.83	17.03	64.80		120	460	51	8.2	5.1	10	<5.0	 	
12/21/98	81.83	17.32	64.51		79	120	5.5	<1.0	<1.0	<1.0	8.7	<2.0	
03/24/99	81.83	15.25	66.58		923	1,330	85.9	42.9	29.7	95.2	20.4	<25.0	
06/25/99	81.83	16.82	65.01		167	1,130	115	32.6	17.2	36.3	<4.00	<u> </u>	
09/24/99	81.83	17.75	64.08	56. VI	76.7	382	20.0	<1.00	2.21	1.37	8.83		
12/29/99	81.83	18.13	63.70		107	114	9.03	< 0.500	0.531	< 0.500	<5.00		
03/21/00	81.83	14.22	67.61		194	1,270	86.3	52.3	38.1	102	19.5		
07/26/00	81.83	16.61	65.22	•••	192	562	74.8	7.51	24.3	14.8	13.3	$< 1.00^{4}$	m m.
09/06/00	81.83	17.08	64.75		205	606	93.4	5.36	16.7	38.9		~-	
11/29/00	82.16	16.90	65.26		258	583	40.0	1.46	4.69	15.8			ne 96
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	10 W	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	-	
06/23/0310	81.83	16.57	65.26	0.00	290	1,500	170	23	40	93		0.7	

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

3810 Broadway

	Oakland, California												
WELL ID/	TOC*	DTW	GWE	SPHT	ТРН-Д	TPH-G	В	T	E	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(ft.)	(fi.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-10 (cont)													
09/22/03 ¹⁰	81.83	17.60	64.23	0.00	180	480	48	3	7	17		0.8	<50
12/22/03 ¹⁰	81.83	17.31	64.52	0.00	120	230	7	< 0.5	< 0.5	1		0.9	<50
03/22/04 ¹⁰	81.83	15.58	66.25	0.00	230	1,500	72	26	30	82		0.7	<50
06/21/04 ¹⁰	81.83	17.12	64.71	0.00	220	1,000	120	29	47	73		2	<50
09/20/04 ¹⁰	81.83	18.12	63.71	0.00	230	470	36	5	6	20		2	<50
12/20/04 ¹⁰	81.83	17.01	64.82	0.00	170 ⁹	480	13	2	1	7		2	<50
03/28/05 ¹⁰	81.83	14.64	67.19	0.00	450 ⁹	1,900	64	46	55	140		1	<50
06/27/05 ¹⁰	81.83	15.99	65.84	0.00	400 ¹⁵	1,700	140	61	33	180		3	<50
09/19/05 ¹⁰	81.83	17.35	64.48	0.00	170	1,200	98	35	58	110	446 VW	5	<50
12/19/05 ¹⁰	81.83	17.12	64.71	0.00	160 ¹⁴	1,000	61	23	20	47		5	<50
MW-11													
08/08/00		25.61	10 W				-0.500		<0.500	<0.500			
08/16/00		25.50			56.80	<50.0	<0.500	<0.500	<0.500 <0.500	<0.500			
09/06/00		25.90			5	<50.0	<0.500	<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		< 0.50		<0.50	
06/19/01 ⁶	90.63	25.57	65.06		<50	<50	<0.50	<0.50	<0.50 <0.50	<0.50 0.68		<5.0	
09/05/01 ⁶	90.63	26.42			<50	<50	<0.50	<0.50 <0.50		< 0.50		<5.0	-
12/20/01 ⁶	90.63	24.27			<50	<50	<0.50		<0.50 <0.50	<1.5	<2.5		
06/25/02	8	25.51		0.00	<50	<50	< 0.50	<0.50 <0.50	<0.30 <0.50	<1.5	<2.5		
09/18/02	8	26.31		0.00	80	<50	<0.50	<0.30 <0.50	<0.50	<1.5	<2.5		
12/19/02	8	25.08		0.00	<50	<50	<0.50		<0.30 <0.50	<1.5 <1.5	<2.5		77 77
03/20/03	8	24.87		0.00	<50	<50	<0.50	0.51		<0.5	-2.5	<0.5	
06/23/0310	⁸	25.21		0.00	140	<50	<0.5	<0.5	<0.5	<0.3 <0.5		-0.5	<50
09/22/03 ¹⁰		26.26		0.00	52	<50	<0.5	<0.5	<0.5			2	<50 <50
$12/22/03^{10}$	8	25.97		0.00	69	<50	<0.5	<0.5	<0.5	<0.5	~-	<0.5	<30 <50
03/22/0410		24.13		0.00	<50	<50	<0.5	<0.5	<0.5	<0.5			<50 <50
06/21/04 ¹⁰	8	25.74		0.00	79	<50	<0.5	<0.5	<0.5	<0.5		<0.5	<50 <50
09/20/04 ¹⁰	8	26.83		0.00	140	<50	<0.5	<0.5	<0.5	<0.5	~~	4	
12/20/0410	8	25.67		0.00	54 ⁹	<50	<0.5	<0.5	<0.5	<0.5		3	<50 <50
03/28/0510	8	23.03	8	0.00	58 ⁹	<50	<0.5	<0.5	<0.5	<0.5		<0.5	<50

				(r Monitoring Texaco Servic 3810 E							
WELL ID/	тос*	DTW	GWE	SPHT	TPH-D	TPH-G	В	T	E	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(fi.)	(fi.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-11 (cont)													
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
8.5337 13													
MW-12 06/25/02 ⁷	84.19	18.65	65.54	0.00	410	1,000	340	8.2	16	8.3	11		
06/25/02 09/18/02	84.19	19.67	64.52	0.00	230	130	52	< 0.50	<0.50	<1.5	9.8	-	
12/19/02	84.19	18.67	65.52	0.00	450	<50	11	< 0.50	< 0.50	<1.5	<2.5		
03/20/03	84.19	17.97	66.22	0.00	300	280	120	1.9	11	<1.5	2.6		
06/23/03 ¹⁰	84,19	18.27	65.92	0.00	400	400	130	4	1	0.7		14	
09/22/03 ¹⁰	84,19	19.52	64.67	0.00	270	<50	9	< 0.5	< 0.5	<0.5		9	<50
12/22/03 ¹⁰	84.19	19.75	64.44	0.00	130	720	130	29	10	46		2	<50
03/22/04 ¹⁰	84.19	17.06	67.13	0.00	240	<50	3	<0.5	< 0.5	_ 1		0.5	<50
06/21/04 ¹⁰	84.19	18.82	65.37	0.00	350	140	43	<0.5	< 0.5	< 0.5		8	<50
09/20/04 ¹⁰	84.19	19.99	64.20	0.00	340	<50	< 0.5	<0.5	<0.5	<0.5	20 -	2	<50
12/20/04 ¹⁰	84,19	19.46	64.73	0.00	160^{9}	1,300	400	28	31	31		ł	<50
03/28/05 ¹⁰	84,19	16.42	67.77	0.00	440 ⁹	90	24	<0.5	< 0.5	<0.5		1 -	<50
06/27/05 ¹⁰	84.19	17.53	66.66	0.00	170 ¹³	<50	<0.5	<0.5	< 0.5	<0.5		1	<50
09/19/05 ¹⁰	84.19	19.04	65.15	0.00	190	<50	<0.5	<0.5	< 0.5	<0.5		3	<50
12/19/05 ¹⁰	84.19	19.41	64.78	0.00	340 ¹³	330	94	5	1	3	20 Ma	2	<50
MW-2													
06/28/96	85.83	22.10	63.73	1.35									
10/10/96	85.83	22.36	63.47		1,800	99,000	4,100	9,400	- 2,300	9;900	390	<25 ¹	-
11/07/96	85.83	22.39	63.45**	0.01					** **			-	
12/18/97	85.83	20.19	65.64		4,700	24,000	600	1,800	750	2,400	<2,000		
04/06/98	85.83	18.00	67.83		9.5	20,100	252	448	430	1,410	<200		
06/18/98	85.83	19.63	66.20		5,200	20,000	240	370	270	790	<50		
08/31/98	85.83	21.01	64.82		19,000	72,000	270	990	630	1,700	<125		
12/21/98	85.83	21.31	64.52		13,000	290	8.7	18	9.7	38	10	29	
03/24/99	85.83	19.18	66.65		5,590	80,400	651	1,860	1,120	3,730	<40.0	<100	

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Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

						Oakland,	California						
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	ТРН-С	В	Τ	E	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(fi.)	(ft.)	(msl)	(11.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
MW-2 (cont)													
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	ar 91	**
12/29/99	85.83	22.17	63.90**	0.30									
01/07/00	85.83	22.84	63.30**	0.39							w m		
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			~~							141 e e
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					100 100					
12/18/97	83.18	18.79	64.39		6,100,000	180,000	1,500	16,000	4,600	23,000	<3,000		
04/06/98	83.18	16.58	66.64	0.05				MA 69					<u></u>
06/18/98	83.18			>2.0 ²				-					
08/31/98	83.18	19.56	63.68	0.07							-144 MM		
12/21/98	83.18	20.23	65.13	2.73									
03/24/99	83.18	16.76	67.11	0.86								का कर	
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												` E	
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										việt tân:
12/18/97	85.41	19.81	65.60		<50	1,200	15	<1.0	15	<1.0	72		
04/06/98	85.41	17.43	67.98		<50	1,000	126	0.5	0.8	1.5	<30		
06/18/98	85.41	19.15	66.26		100	110	6.9	<0.5	<0.5	<0.5	<0.5	~-	
08/31/98	85.41	20.46	64.95		120	480	5.3	<2.5	<2.5	<2.5	<12		~-
12/21/98	85.41	20.91	64.50		100	270	16	2.9	1.3	<1.0	34	<2.0	
03/24/99	85.41	18.74	66.67		93.3	143	2.80	< 0.500	0.749	< 0.500	<2.00	< 5.00	
06/25/99	85.41	20.31	65.10		125	847	6.61	<0.500	0.611	<0.500	2.69	<2.00	

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

3810 Broadway

	-
Oakland.	California

						Oakland,	California					· · · · · · · · · · · · · · · · · · ·	
WELL ID/	TOC*	DTW	GWE	SPHT	TPH-D	TPH-G	В	T	Ē	x	MTBE by 8020	MTBE by 8260	ETHANOL
DATE	(fi.)	(fi.)	(msl)	(fL)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
	<u></u>												
MW-5 (cont)	85.41	21.36	64.05		94.0	563	6.00	<2.50	<2.50	<2.50	25.1		
09/24/99		21.30	64.00		173	896	16.6	1.48	8.92	2.67	61.1	< 0.500	
12/29/99	85.41	18.13	67.28		158	858	53.7	<1.00	21.4	8.00	11.6		
03/21/00	85.41		TION IN WEI										
07/26/00	85.41		65.08		231	670	153	<2.50	7.87	<2.50			
09/06/00	85.41	20.33	65.08 TION IN WEI									- -	
11/29/00	85.13												
03/06/01	85.13		TION IN WEI										
06/19/01	85.13		TION IN WEI										
09/05/01	85.13		TION IN WE		600 AM								
12/02/01	85.13		TION IN WE	JL.	50 cm			994 680					
NOT MONITO	RED/SAM	IPLED											
MW-8												_	
10/10/96	84.01	20.82	63.19		110	17,000	1,300	1,200	64	_1,300	110	<5.0 ¹	
11/07/96	84,01	20.44	63.57										
12/18/97	84.01	19.36	64.65		630	15,000	3,600	1,800	410	930	<600		
04/06/98	84.01	16.19	67.82		<50	32,300	8,230	5,900	718	2,120	<1,000		
06/18/98	84.01	17.75	66.26		<50	74,000	5,400	4,500	700	2,200	2,400		
08/31/98	84.01	INACCES	SIBLE										
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								**=	<u></u>
01/07/00	84.01	21.00	63.33**	0.40					÷ _=				
DESTROYED										81		-	
												-	
TRIP BLANK													
QA 06/25/02						<50	< 0.50	< 0.50	<0.50	<1.5	<2.5		
		401 498				<50	<0.30 <0.50	<0.50 <0.50	<0.50	<1.5	<2.5	_ =	
09/18/02							<0.30 <0.50	<0.50 <0.50	<0.50	<1.5 <1.5	<2.5		
12/19/02						<50	~0.30	~0.50	~0.50	~1.0	~4.2		

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3810 Broadway

Oakland California

						Juning	Camornia				a state in the last of the	MTBE by	
WELL ID/	TOC*	ĐTW	GWE	SPHT	TPH-D	TPH-G	В	T	Е	x	МТВЕ Бу 8020	8260	ETHANOL
DATE	(fi.)	(ft.)	(msl).	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
QA (cont)													
03/20/03	***					<50	<0.50	<0.50	<0.50	<1.5	<2.5		
06/23/03 ¹⁰						<50	<0.5	<0.5	<0.5	<0.5		<0.5	
09/22/03 ¹⁰						<50	<0.5	<0.5	< 0.5	< 0.5	-	<0.5	
12/22/03 ¹⁰						<50	< 0.5	< 0.5	<0.5	< 0.5		<0.5	
03/22/04 ¹⁰						<50	< 0.5	< 0.5	< 0.5	<0.5	~ -	< 0.5	
03/22/04 06/21/04 ¹⁰						<50	< 0.5	<0.5	< 0.5	<0.5		<0.5	
06/21/04 09/20/04 ¹⁰						<50	< 0.5	<0.5	< 0.5	< 0.5		<0.5	
12/20/04 ¹⁰						<50	<0.5	<0.5	< 0.5	<0.5		<0.5	-
12/20/04						<50	< 0.5	< 0.5	< 0.5	<0.5		<0.5	
03/28/05 ¹⁰	~~					<50	<0.5	<0.5	<0.5	<0.5	11 1	<0.5	
06/27/05 ¹⁰										<0.5		<0.5	
09/19/05 ¹⁰		~ ~				<50	<0.5	<0.5	<0.5				
12/19/05 ¹⁰						<50	<0.5	<0.5	<0.5	<0.5		<0.5	

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
$(ft_{i}) = Feet$	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 x SPHT)].
- ¹ MTBE confirmed by EPA Method 8240.
- ² Free product could not be accurately measured.
- ³ TOC altered.
- ⁴ Analyzed outside EPA recommended hold time.
- ⁵ Sample containers broken during transport to laboratory.
- ⁶ TPH-G and BTEX analyzed by EPA Method 8260.
- ⁷ Well development performed.
- ⁸ MW-11 was inaccessible during the re-surveying. TOC was not measured.
- ⁹ Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
- ¹⁰ BTEX analyzed by EPA Method 8260.
- ¹¹ Ethanol was previously reported as <50 ppb.
- ¹² Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
- ¹³ Laboratory report indicates the observed sample pattern includes #2fuel/diesel and an additional pattern which elutes later in the DRO range.
- ¹⁴ Laboratory report indicates the observed sample pattern is not typical of #2fuel/diesel. It elutes in the DRO range earlier than #2 fuel.
- ¹⁵ Laboratory report indicates the observed sample patterns are not typical of #2fuel/diesel. They elute in the DRO range earlier and later than #2 fuel.
- ¹⁶ Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel and contains individual peaks eluting in the DRO range.
- ¹⁷ Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to an individual peak (s) eluting in the DRO range.

Table 2Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

			Oakland,	California			
WELL ID	DATE	D.O.	ORP	D.O.	ORP	D.O.	ORP
		Before Purging	Before Purging	Mid-Purging	Mid-Purging	After Purging	After Purging
		(mg/L)	(mV)	(mg/L)	(mV)	(mg/L)	(mV)
MW-2	09/24/99	1.00	-140 MP			0.80	
	12/29/99	2.60			101 00		
	° 03/21/00	3.30			400 MP.	3.60	
MW-6	09/24/99	1.00		T M		1.20	~~
	12/29/99	1.30		100 IA		1.50	
	03/21/00	3.00				4.30	
	11/29/00	2.00		No. 444		1.80	
	03/06/01	3.70		465.144		4.00	
	06/19/01	3.00				3.40	
	09/05/01	10.40		ne •••		10.80	
	12/20/01	1.30				1.50	
	06/25/02	1.00		0.60		0.40	
	09/18/02	0.60	58	0.90	69	1.00	72
	12/19/02	1.20	71			1.10	79
	03/20/03	0.40	-93			1.60	-87
	06/23/03	0.90	64			1.20	78
	09/22/03	1.10	70			1.30	76
	12/22/03	0.90	68			1.00	70
	03/22/04	1.00	74			1.20	82
	06/21/04	1.10	72	#* #h		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
		2.90	1			1.20	1
	09/19/05 12/19/05	1.00	69			1.00	74
						1 (0	
MW-7	09/24/99	1.40	-a. W			1.60	
	12/29/99	2.30	500 - 90 1			1.80	
	03/21/00	5.80				9.00	
	07/26/00	6.00				6.60	
	09/06/00	4.30				5.00	
	11/29/00	4.00				3.70	
	03/06/01	4.70				5.10	**
	06/19/01	3.80				4.20	
	09/05/01	6.70				7.10	
	12/20/01	4.90				5.00	
	06/25/02	1.00		1.40		1.30	
	09/18/02	1.80	112	1.90	98	2.10	102
	12/19/02	1.30	121			1.60	110
	03/20/03	2.60	129			2.70	152
	06/23/03	1.70	122			1.90	140
	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

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Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

			Oakland, G	California		×	
WELL ID	DATE	D.O. Before Purging	ORP Before Purging	D.O. Mid-Purging	ORP Mid-Purging	D.O. After Purging (mg/L)	ORP After Purging (mV)
		(mg/L)	(mV)	(mg/L)	(mV)		1
MW-7	06/21/04	1.50	106			1.70	126
(cont)	09/20/04	1,40	115			0.96	110
	12/20/04	1.30	88			1.40	95
	03/28/05	1.40	92			1.40	88
	06/27/05	1.50	106			1.40	94
	09/19/05	3.70	17			3.10	29
	12/19/05	1.40	85		wa an	1.30	90
R 533 / O	00/24/00	1.00		1		1.20	
MW-9	09/24/99 12/29/99	1.00 3.30				2.70	
						7.30	
	03/21/00	3.20				1.80 [°]	
	07/26/00	3.60				4.00	
	09/06/00	3.80				2.00	
	11/29/00	2.00		~~		4.90	
	03/06/01	4.00				4.90	46 M
	06/19/01	3.40	w		100 PM.		
	09/05/01	2.70	Nº 194		****	2.00	
	12/20/01	2.20	10 34		164 400	2.20	
	06/25/02	0.90		1.00		1.20	
	09/18/02	1.40	138	1.00	110	0.90	95
	12/19/02	1.80	126			1.10	98
	03/20/03	0.10	206			1.10	193
	06/23/03	1.20	146			1.00	138
	09/22/03	1,10	126			1.00	130
	12/22/03	1.30	134			1.20	142
	03/22/04	3.70	120	aa 100		1.40	126
	06/21/04	3.50	108	48 MF	10 , 20	1.20	116
	09/20/04	2.70	54	**		1.10	62
	12/20/04	2.50	72		101 m a	1.40	80
	03/28/05	2.80	92	an 47	AF 37	1,70	68
	06/27/05	2.60	82		*** #**	1.50	62
	09/19/05	1.00	-38		100 UK	0.60	-30
	12/19/05	2.10	76			2.20	68
MW-10	09/19/05	1.40	-97			0.80	-98

EXPLANATIONS:

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

D.O. = Dissolved Oxygen

mg/L = milligrams per liter

- ORP = Oxidation Reduction Potential
- (mV) = Millivolts
- -- = Not Measured
- ¹ ORP reading under range.²

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 ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hill, California.



WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City: Well ID Well Diameter Total Depth	ChevronTexaco 3810 Broadway Oakland, CA <u>MW- (</u> 2 in. 2 90 ft.		Event Date: Sampler: $12/12/0\leq$ $3/4^{*}= 0.02$	$ 386956 19/05 C_7 R_{05}e_{10} Well Condition: 1^{*}=0.04 2^{*}=0.17 5^{*}=1.02 6^{*}=1.50$	(inclusive)
Purge Equipment: Disposable Bailer Stainless Steel Baile Stack Pump Suction Pump Grundfos Other:	<u>12.06 ft.</u> <u>7,84</u> xvi	F 0,17 = 1.33 Sampling Equipme P v.Disposable Bailer Pressure Bailer Discrete Bailer Other:		Amt Removed from V Water Removed:	(2400 hrs) (2400 hrs) ft ft ess:ft Description: t Sock (circle one) Skimmer: gal Well: gal
Start Time (pur Sample Time/I Purging Flow F Did well de-wa Time (2400 hr. 1245 125	Date: <u>73/0 / 6</u> Rate: <u>~ / gpm.</u> ter? <u>No</u> Volume (gal.)	Weather Conditio $4/1/6x$ Water CoSediment DescriptiIf yes, Time:pHConductivity (umhos/cm) 7.12 843 7.12 843 7.13 851	lor: <u>Clex</u> on: Volume: Temperature	gal. D.O. (mg/L) Pre:	ORP (mV) Pre: Post:

		LA	BORATORY INFO	RMATION	
	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
SAMPLE ID MW- /	(#) CONTAINER		HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
	2 x Amber	YES	NP	LANCASTER	TPH-D
		/ 、		. k ~ 1	V tobu Widark Vileo
COMMENTS:	<u> </u>	1 USIL	as Societion	ponp, gol	Y TOSA W/ Hank & MODE

Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City:	ChevronTexac 3810 Broadwa Oakland, CA		Job Number: Event Date: Sampler:	386956 12/19/08 Cz /2	(inclusive)
Well ID Well Diameter Total Depth Depth to Water Purge Equipment:	MW-4 2 in. 28.55 tt. 18.69 tt. 9.86 x	Voli Fac VF	pment:	5"= 1.02 6"= 1.50 = Estimated Purge Volume Time Started: Time Completed:	3"= 0.38 12"= 5.80 e:gal. (2400 hrs)
Disposable Bailer Stainless Steel Baile Stack Pump Suction Pump Grundfos Other:		Disposable Baile Pressure Bailer Discrete Bailer Other:		Depth to Water: Hydrocarbon Thickr Visual Confirmation Skimmer / Absorba Amt Removed from Amt Removed from Water Removed: Product Transferred	ft ness:ft n/Description: int Sock (circle one) Skimmer: gal Well: gal d to:
Start Time (purg Sample Time/D Purging Flow F Did well de-wat	eate: <u>// 20 /</u> late:gpm.	12/19/0K Water	Color: <u> </u>	Cdor	nzżlu No
Time (2400 hr.) /05 /104	3 2	pH Conductin (umhos/c 7.07 78 7.07 78 7.06 79	cm) (C/F)	e D.O. (mg/L) Pre:	ORP (mV) Pre:
				Post:	Post:

LABORATORY INFORMATION

					ANAL VOEC
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
	/ x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/
MW- 4					ETHANOL(8260)
			ND	LANCASTER	TPH-D
	🛷 x Amber	YES	NP	LANGAUTER	

COMMENTS:

Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City: Well ID Well Diameter Total Depth Depth to Water		Date Monitore	tor (VF) 4*= 0.66	$\frac{12/i9/05}{G_{7}-125}$ Well Condition: 1*= 0.04 2*= 0.17 5*= 1.02 6*= 1.50	3"= 0.38 12"= 5.80	sive) =
Purge Equipment: Disposable Bailer Stainless Steel Baile Stack Pump Suction Pump Grundfos Other:		Sampling Equip Disposable Baile Pressure Bailer Discrete Bailer Other:	pment: er	Time Started: Time Completed: Depth to Product: Hydrocarbon Thickn Visual Confirmation Skimmer / Absorban Arnt Removed from Arnt Removed from Water Removed: Product Transferred	(2400 hrs) (2400 hrs) (2400 hrs) ft bescription: ft bescription: ft Sock (circle one) Skimmer:ga Well:ga	s) ft
Start Time (pur Sample Time/ Purging Flow F Did well de-wa Time (2400 hr. // 4 // 5	Rate:gpm. ter?\o 	Weather Condition 1900 WaterSediment DescriptionIf yes, Time:pHConductive (umhos/colspan="2">Conductive (umhos/colspan="2">Conductive (umhos/colspan="2">Sediment DescriptionpHConductive (umhos/colspan="2">Conductive (umhos/colspan="2">Sediment DescriptionpHConductive (umhos/colspan="2">Conductive (umhos/colspan="2">Sediment DescriptionpHConductive (umhos/colspan="2">Conductive (umhos/colspan="2">Sediment Description7.108.207.088.50	Color:	gal. e D.O. (mg/L) Pre:	ORP (mV) Pre: Post:	

LABORATORY INFORMATION

					ANALYSES
	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
SAMPLE ID		YES	HCL		TPH-G(8015)/BTEX+MTBE(8260)/
MW- 513	💪 x voa vial	100			ETHANOL(8260)
				LANCASTER	ТРН-D
	2-x Amber	YES	NP	LANGAOTER	
]		

COMMENTS:

Add/Replaced Lock: _____

Gettler-Ryan Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City:	ChevronTexaco # 3810 Broadway Oakland, CA	211283	Job Number: Event Date: Sampler:	386956 12/19/05 C7-12	(inclusive)
Well ID Well Diameter Total Depth Depth to Water Purge Equipment:	MW-6 2 in. 28.01 ft. 21.49 ft. 6.52 xVF	Sampling Equipmen	3/4*= 0.02 /F) 4*= 0.66 _ x3 case volume=	Well Condition: OK 1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 6"= 1.50 12"= 5.80 Estimated Purge Volume: 3 Time Started:	_gal. _(2400 hrs) _(2400 hrs)
Disposable Bailer Stainless Steel Baile Stack Pump Suction Pump Grundfos Other:		Disposable Bailer Pressure Bailer Discrete Bailer Other:		Depth to Water: Hydrocarbon Thickness: Visual Confirmation/Description: Skimmer / Absorbant Sock (circle Amt Removed from Skimmer: Amt Removed from Well: Water Removed: Product Transferred to:	ft ft e one) gal gal
Start Time (pur Sample Time/D Purging Flow F Did well de-wa	Date: <u>/4/0//2/</u> Rate: <u>gpm.</u>	Weather Condition rg∫ti≺ Water Cold Sediment Descriptio yes, Time:	or: <u>(()</u> on:	£	<u>2</u> 2/~ <u>3</u>
Time (2400 hr. 133 133 133	Volume (gal.)	$\begin{array}{c} pH & Conductivity \\ (u mhos/cm) \\ 18 & 826 \\ 121 & 843 \\ 19 & 539 \\ \hline \end{array}$	Temperature (C/F) /7.6 /7.5 /7.5	(mg/L) (mV) <u>Pre: 1.0</u> <u>Pre: 0</u>	

LABORATORY INFORMATION

				and the second	
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
			HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/
MW- 🗸	6 x voa vial	100			ETHANOL(8260)
			1.5	LANCASTER	TPH-D
	γ x Amber	YES	NP	LANGAGIEN	
		·····			

COMMENTS:

Add/Replaced Lock: _____



WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City: Well ID	ChevronTexaco 3810 Broadway Oakland, CA MW- 7		Job Number: Event Date: Sampler: $12 ig/0 \times$	386956 13/19/05 Ca Poger Well Condition:	
Well Diameter Total Depth Depth to Water	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{0.17}{0.17} = 1.3^{\circ}$	VF) 4*= 0.66	1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50 Estimated Purge Volume	3*= 0.38 12*= 5.80 :
Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other:		Sampling Equipme Disposable Bailer Pressure Bailer Discrete Bailer Other:		Time Started: Time Completed: Depth to Product: Hydrocarbon Thickn Visual Confirmation/ Skimmer / Absorbar Amt Removed from Water Removed:	(2400 hrs) (2400 hrs) ft ft ft dess:ft /Description:
Purging Flow F Did well de-wa Time (2400 hr. <u>675</u>	Date: 0830 / j2 Rate:gpm. ter?No	Weather Condition /19/0× Water Col Sediment Description If yes, Time: pH Conductivity (umhos/cm) 7.08 C.72 7.01 C.44 7.03 U.83	or: <u>(lea</u> on:	gal.	ORP (mV) Pre: 085
				Post: 1,3	Post: 010

LABORATORY INFORMATION

				the second s	
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
		YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/
MW-7-	6 x voa vial	IE0			ETHANOL(8260)
				LANCASTER	TPH-D
	2 x Amber	YES	NP	LANCAUTER	

COMMENTS:

Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City:	ChevronTexac 3810 Broadwa Oakland, CA		Job Number: Event Date: Sampler:	386956 12/19/0 < G. /L	(inclusive)
Well ID Well Diameter Total Depth Depth to Water Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other:	MW-9 2 ih. 34.12tt. 17.93tt. 16.19 *	Date Monitored: Volume Factor (\ VF	3/4"= 0.02 /F) 4"= 0.66 x3 case volume=	Well Condition: CK 1"= 0.04 2"= 0.17 3"= 0.38 5"= 1.02 6"= 1.50 12"= 5.80 Estimated Purge Volume: S Time Started:	ft ft gal gal
Start Time (purg Sample Time/D Purging Flow R Did well de-wat Time (2400 hr.) 095 000	ate: 10301 ate: gpm. er? 10301 er? 10301 Volume (gal.) 3 3 3 3 3 3 3 3 3 3	Weather Condition 2/19/05 Water Cold Sediment Description If yes, Time: pH Conductivity (umhos/cm) 7.14 788 7.11 804 7.08 792	or:	Odor: <u>\()</u> gal. gal. 0.0. ORP (mg/L) (mV)	6076

LABORATORY INFORMATION

		—			
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
	/ x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/
MW- 9					ETHANOL(8260)
	fl < Amboz	YES	NP	LANCASTER	TPH-D
	Y x Amber	TEO			

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size:_____

• ...



WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City: Well ID Well Diameter Total Depth	ChevronTexaco # 3810 Broadway Oakland, CA MW-[O 2 in. 33.08 ft.	211283 Date Monitored: Volume Factor (V	3/4"= 0.02	$\frac{386956}{6}$ Well Condition: $\frac{1^{*}=0.04}{5^{*}=1.02}$ $2^{*}=0.17$ $6^{*}=1.50$	(inclusive)
Depth to Water Purge Equipment: Disposable Bailer Stainless Steel Bail Stack Pump Suction Pump Grundfos Other:		O, / T = 2.7 / Sampling Equipmer Disposable Bailer Pressure Bailer Discrete Bailer Other:		Depth to Water: Hydrocarbon Thickne Visual Confirmation/I Skimmer / Absorban Amt Removed from S Amt Removed from Water Removed:	(2400 hrs) (2400 hrs) ft ess:ft Description:
Start Time (pur Sample Time/ Purging Flow Did well de-wa Time (2400 hr 0 85	Date: $\begin{array}{c} \underline{O} \ O$	Weather Condition	or:		

LABORATORY INFORMATION

				and the second se	ANALYSES
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
		YES	HCL		TPH-G(8015)/BTEX+MTBE(8260)/
MW-10	💪 x voa vial	10			ETHANOL(8260)
			100	LANCASTER	TPH-D
	Y x Amber	YES	NP	LARONO	
]		

COMMENTS:

Add/Replaced Lock: _____



WELL MONITORING/SAMPLING FIELD DATA SHEET

or	ChevronTexa	co #211283	Job Number:	386956		_
Client/Facility #:	3810 Broadwa		- Event Date:	12/19/05		(inclusive)
Site Address: City:	Oakland, CA		- Sampler:	G. Roger	<u>`</u>	-
Well ID	MW- //	Date Monitored	: 12/19/05	Well Condition	: <u> </u>	
Well Diameter Total Depth	$\frac{2}{39.50 \text{ ft.}}$	Volum Factor		1*= 0.04 2*= 0.17 5*= 1.02 6*= 1.50		
Depth to Water	$\frac{35.93 \text{ tr.}}{13.57}$	KVF_0.17 = 2-3	>O x3 case volume=	Estimated Purge Volum	e: <u>6,5</u> 92	
Purge Equipment: Disposable Bailer Stainless Steel Baile Stack Pump Suction Pump Grundfos Other:		Sampling Equipm Disposable Bailer Pressure Bailer Discrete Bailer Other:	nent: 	Time Started: Time Completed: Depth to Product: Depth to Water: Hydrocarbon Thick Visual Confirmation Skimmer / Absorba Amt Removed from Amt Removed from	ness:	ft ft e)gal
				Water Removed: Product Transferre		
Start Time (purg Sample Time/D Purging Flow R	ate: 07151	Sediment Descript	olor: <u> </u>		<u>) n 221-</u> r: <u>No</u>	
Did well de-wat	er? <u>Nò</u>	If yes, Time:			ORP	
$\begin{array}{r} \text{Time} \\ (2400 \text{ hr.}) \\ \hline 0 654 \\ \hline 0 70 \\ \hline \end{array}$	1	pH Conductivity ($umhos/cm$ 7.04 ($u847.07$ ($u717.01$ ($u471$	(C/F) 17.8 17.7	(mg/L) Pre:	(mV) Pre:	
				Post:	Post:	

LABORATORY INFORMATION

		300.7			ANALYSES
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
		YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/
<u>MW- 1(</u>	Lox voa vial	150			ETHANOL(8260)
				LANCASTER	TPH-D
	ົງ_x Amber	YES	NP	LANCASTEN	
					<u></u>

COMMENTS:

Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Site Address: City:	ChevronTexac 3810 Broadwa Oakland, CA		Job Number: Event Date: Sampler:	386956 12/19/0× (7.)~	(inclusive)
Well ID Well Diameter Total Depth Depth to Water	<u>MW-</u> []- 2 irl. 29,65 ft.]9,4/ ft. [0,24] x	Volum Facto	r (VF) 4"= 0.66	1 - 0.04 - 0.00	015 gal. (2400 hrs)
Purge Equipment: Disposable Bailer Stainless Steel Baile Stack Pump Suction Pump Grundfos Other:	r	Sampling Equipm Disposable Bailer Pressure Bailer Discrete Bailer Other:		Time Completed: Depth to Product: Depth to Water: Hydrocarbon Thickness: Visual Confirmation/Desc Skimmer / Absorbant Soc Amt Removed from Skim Amt Removed from Well: Water Removed: Product Transferred to:	(2400 hrs)
Start Time (purg Sample Time/D Purging Flow F Did well de-wat	Date: <u>14551</u> Rate:gpm.	Weather Conditi <u> <u> <u> </u> <u> </u></u></u>	olor:	lanOdor:	<u>No</u>
Time (2400 hr.) /4 30 /4 3 /4 3		pH Conductivit (u mhos/cm) 7.22 $6.246.96$ $6.147.01$ 6.18	· · · · · · ·	e D.O. (mg/L) Pre: Pr	ORP (mV) e:
	/		·······	Post: Po	ost:

LABORATORY INFORMATION

					ANALYSES
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
		YES	HCL		TPH-G(8015)/BTEX+MTBE(8260)/
MW- 12	🗘 x voa vial	110			ETHANOL(8260)
				LANCASTER	TPH-D
	2- x Amber	YES	NP	LANCAUTER	

COMMENTS:

Add/Replaced Lock: _____

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories Where quality is a science.			A Acct.	#: <u>)C</u>	96	<u>24</u>	Sam	For ple #	Lanca	ster	Laborato	iries u 2 — 2	se oni	y (6100p# scr#: 7	9 119	[]]
Where quality is a science.	220	005-00	4	÷	Г		÷	Ana	lyses	Rec	uested					
Facility #: SS#211283-OML G-R#3869	56 Global ID	#T0500101108	Matrix	Τ				Pre	serva		Codes	i r		Preservat	ve Codes = Thiosu	
Site Address:3810 BROADWAY, OAKLAN			· · ·		H	Н	<u>a</u>	+	+	н		\vdash		N = HNO3	3 = NaOH	
	Consultant:C/	AMBRIARE					1980U) = Other	
Chevron PM:MI Lead Consultant/Office: G-R, Inc., 6747 Sierra Co	urt, Suite J, I	Dublin, Ca. 9456	8 음 입	OII AII AII D			Silica Gel Cleanup			6				J value reportin		n limite
Consultant/Office: <u>Artiantical of the office</u> Consultant Prj. Mgr. Deanna L. Harding (d	eenna@orin	c.com)	ăŽ	ntai	8260 14 8021		58			२७६४				possible for 820	st detaction	nds
				ŭ	X							1		8021 MTBE Confi	mation	
Consultant Phone #:925-551-7555	Fax #: <u>925</u>	-551-7899		چا _		GRO	a l	ja ja	7421	2				Confirm highes	t hit by 826	0
Sampler: G. Rogers			site	Ž Ž	11BE	MOX	NOK S	Oxmenates		J.				Confirm all hits	-	
	Ion SAR:	Time a			BTEX + MTBE	TPH 8015 MOO	TPH 8015 MOD DRO		ead 7420 7421	Ethano				Run oxy :		1
Sample Identification	Collected	Time ଟି Collected ଓ	Vat Soil	<u>ð</u> P	BTE	Ē	<u>¢</u> s	8		Ľ		┟──┼				
QA	12/19/04	$/$ $ $ $ $		3	ĮΧ	X				k _				Comments / R	emarks	
<u>MW-1</u>		1310 X		<u> </u>	НČ	Ŕ	公			Ŕ	┣	┢──┟				:
MW-4	1 20	1120 X 1215 X		X	Ŕ	均	Э-			\bigcirc	╉╼╌╂──					
		1410 X	$+ \bigcirc$	- 8	悇	夂	X			闵		1				
MW-7		0830 X		8	ÍX	X	X			X						
MW-9		1030 X	1X	8	X	\mathbf{X}	Я			X					·	-
MW-10		0920 X		8	ĽΖ	X	X			K		┦──┤				
MW-11		0725 X	X	8		ÿ	X			公	┥┥┥	ŀ				
MW-13	⊻ <u> </u>	1455 X		8	μ×	ΨŽ	스			P	<u>↓</u>	+				
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Turnaround Time Requested (TAT) (please ci			413						114		1/1eu	<u>k //</u>	Vag		720 05 Date	773 Time
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Data Dashaga Ostilara (dasa dati (madadi		Relinquished			Ð	-	<u></u>	Date	Tin		Receive	d by:	<u></u>		Date	Time
Data Package Options (please circle if required) QC Summary Type I Full														~ ~~		
Type VI (Raw Data) Coett Deliverable not nee	dedf/edg	C Relinquished	by Commercial FedEx	Carrier Other						1	Receive	id by: (COL	Date ZZIO	Time
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Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425; Lancaster, PA 17605-2425 (717) 656-2300 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client. 3460 Rev. 7/30/01



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Analysis Report

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ANALYTICAL RESULTS

Prepared for:

ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

925-842-8582

Prepared by: The set of the set

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

SAMPLE GROUP

The sample group for this submittal is 971977. Samples arrived at the laboratory on Wednesday, December 21, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

Client DescriptionQA-T-051219NAWaterMW-1-W-051219GrabWaterMW-4-W-051219GrabWaterMW-5B-W-051219GrabWaterMW-6-W-051219GrabWaterMW-7-W-051219GrabWaterMW-9-W-051219GrabWaterMW-10-W-051219GrabWaterMW-11-W-051219GrabWaterMW-12-W-051219GrabWater	Lancaster Labs Number 4675678 4675679 4675680 4675681 4675682 4675683 4675683 4675684 4675685 4675686 4675686 4675687
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1 COPY TO	Cambria C/O Gettler- Ryan	Attn: Deanna L. Harding
ELECTRONIC	Gettler-Ryan	Attn: Cheryl Hansen
СОРҮ ТО		



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Questions? Contact your Client Services Representative Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

Rela CM

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Robin C. Runkle Senior Specialist



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Lancaster Laboratories Sample No. WW 4675678

QA-T-051219 NA Water Facility# 211283 Job# 386956 3810 Broadway-Oakland T0600101108 QA Collected:12/19/2005

Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

Account Number: 10904

QAOAK

CAT No.	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/1 *	1
	The reported concentration of ' gasoline constituents eluting p start time.	TPH-GRO does not prior 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
	•	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

GRD

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728 06054 01146 01163	Analysis Name TPH-GRO - Waters BTEX+MTBE by 8260B GC VOA Water Prep GC/MS VOA Water Prep	Method N. CA LUFT GRO SW-846 8260B SW-846 5030B SW-846 5030B	1	Date and Time 12/27/2005 12:09 12/29/2005 00:32 12/27/2005 12:09 12/29/2005 00:32	Analyst Steven A Skiles Dawn M Harle Steven A Skiles Dawn M Harle	Factor 1 1 1 n.a.



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Page 1 of 1

4675679 Lancaster Laboratories Sample No. WW MW-1-W-051219 Grab Water GRD Facility# 211283 Job# 386956 3810 Broadway-Oakland T0600101108 MW-1 Account Number: 10904 by GR Collected: 12/19/2005 13:10 ChevronTexaco Submitted: 12/21/2005 10:30 6001 Bollinger Canyon Rd L4310 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006 San Ramon CA 94583

1-0AK

CAT No. 01728	Analysis Name TPH-GRO - Waters The reported concentration of T	CAS Number n.a.	As Received Result N.D.	As Received Method Detection Limit 50.	Units ug/1 *	Dilution Factor l
06609	The reported concentration of 1 gasoline constituents eluting p start time. TPH-DRO CALUFT(Waters) The observed sample pattern is the DRO range later than #2 fue DRO range.	n.a. not typical of	<pre>(n-hexane) TPH-G 360. #2 fuel/diesel.</pre>	50. It elutes in	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. N.D. 0.8 N.D. N.D.	50. 0.5 0.5 0.5 0.5 0.5	ug/l ug/l ug/l ug/l ug/l	1 1 1 1 1

CAT		Laboratory	Chro	nicle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
NO. 01728	TPH-GRO - Waters	N, CA LUFT GRO	1	12/27/2005 13:21	Steven A Skiles	1
06609	TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846 8015B mod	1	12/30/2005 03:07	Sarah M Snyder	1 .
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	12/29/2005 23:40	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/27/2005 13:21	Steven A Skiles	1
01148	GC/MS VOA Water Prep	SW-846 5030B	1	12/29/2005 23:40	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	12/28/2005 11:30	Sarah B Pennell	1



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Lancaster Laboratories Sample No. WW 4675680

MW-4-W-051219 Grab Wa Facility# 211283 Job# 386956 3810 Broadway-Oakland T0600101108 Collected:12/19/2005 11:20 by GR	-	GRD Account Number: 10904
Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006		ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

4 - OAK

				As Received		
			As Received	Method		Dilution
CAT No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters The reported concentration of	n.a. TPH-GRO does not	N.D. include MTBE c	50. or other	ug/l	1
06609	The reported concentration of gasoline constituents eluting start time. TPH-DRO CALUFT(Waters)	prior to the C6 n.a.	(n-hexane) TPH- N.D.	GRO range	ug/l	1
06067	BTEX, MTBE, ETOH					·
		64-17-5	N.D.	50.	ug/l	1
01587	Ethanol	1634-04-4	N.D.	0.5	ug/l	1
02010	Methyl Tertiary Butyl Ether	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

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728 06609	Analysis Name TPH-GRO - Waters TPH-DRO CALUFT(Waters)	Method N. CA LUFT GRO CA LUFT DRO/SW-846	Trial# 1 1	Date and Time 12/27/2005 13:56 12/30/2005 03:31	Analyst Steven A Skiles Sarah M Snyder	Factor 1 1
06067 01146 01163 02135	BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	8015B mod SW-846 8260B SW-846 5030B SW-846 5030B CA LUFT TPH	1 1 1	12/30/2005 00:51 12/27/2005 13:56 12/30/2005 00:51 12/28/2005 11:30	Dawn M Harle Steven A Skiles Dawn M Harle Sarah B Pennell	1 1 n.a. 1



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Lancaster Laboratories Sample No. WW 4675681

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 MW-5B-W-051219
 Grab
 Water

 Facility# 211283
 Job# 386956
 GRD

 3810
 Broadway-Oakland
 T0600101108
 MW-5B

 Collected:12/19/2005
 12:15
 by GR

Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

Account Number: 10904

5AOAK

				As Received		
a b			As Received	Method		Dilution
CAT 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	N.D. t include MTBE c (n-hexane) TPH-	50. or other GRO range	ug/1	1
06609	gasoline constructions elating start time. TPH-DRO CALUFT(Waters) The observed sample pattern is the DRO range later than #2 fu DRO range.	n.a. not typical of	330. #2 fuel/diesel.	50. It elutes in	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	21.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/1	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

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a a		Laboratory	Chro	nicle Analysis		Dilution
CAT No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
	TPH-GRO - Waters	N. CA LUFT GRO	1	12/27/2005 14:32	Steven A Skiles	1
01728 06609	TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846	l	12/30/2005 03:54	Sarah M Snyder	1
	BTEX, MTBE, ETOH	8015B mod SW-846 8260B	1	12/30/2005 01:15	Dawn M Harle	1
06067		SW-846 5030B	1	12/27/2005 14:32	Steven A Skiles	1
01146	GC VOA Water Prep GC/MS VOA Water Prep	SW-846 5030B	1	12/30/2005 01:15	Dawn M Harle	n.a.
01163 02135	Extraction - DRO Water Special	CA LUFT TPH	1	12/28/2005 11:30	Sarah B Pennell	1



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Lancaster Laboratories Sample No. WW 4675682

 MW-6-W-051219
 Grab
 Water

 Facility# 211283
 Job# 386956
 GRD

 3810
 Broadway-Oakland
 T0600101108
 MW-6

 Collected:12/19/2005
 14:10
 by GR
 Account Number: 10904

Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

6-OAK

CAT No. 01728	Analysis Name TPH-GRO - Waters The reported concentration of ' gasoline constituents eluting ;	CAS Number n.a. TPH-GRO does not prior to the C6	As Received Result 13,000. include MTBE o (n-hexane) TPH-	As Received Method Detection Limit 500. r other GRO range	Units ug/l	Dilution Factor 10
06609	start time. TPH-DRO CALUFT(Waters) The observed sample pattern is the DRO range earlier than #2	n.a. not typical of fuel.	1,900. #2 fuel/diesel.	300. It elutes in	ug/l	10
06067	BTEX, MTBE, ETOH					
		64-17-5	110.	100.	ug/l	2
01587	Ethanol	1634-04-4	5.	1.	ug/l	2
02010	Methyl Tertiary Butyl Ether	71-43-2	1,900.	10.	ug/l	20
05401	Benzene			1.	ug/l	2
05407	Toluene	108-88-3	190.		ug/1	20
05415	Ethylbenzene	100-41-4	620.	10.	ug/l	2
06310	Xylene (Total)	1330-20-7	890.	1.	uy/1	4

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728 06609	Analysis Name TPH-GRO – Waters TPH-DRO CALUFT(Waters)	Method N. CA LUFT GRO CA LUFT DRO/SW-846	Trial# 1 1	Date and Time 12/27/2005 15:08 01/04/2006 09:32	Analyst Steven A Skiles Sarah M Snyder	Factor 10 10
06067 06067 01146 01163 01163 02135	BTEX, MTBE, ETOH BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	8015B mod SW-846 8260B SW-846 8260B SW-846 5030B SW-846 5030B SW-846 5030B SW-846 5030B CA LUFT TPH	1 1 1 2 1	12/30/2005 01:39 12/30/2005 02:03 12/27/2005 15:08 12/30/2005 01:39 12/30/2005 02:03 12/28/2005 11:30	Dawn M Harle Dawn M Harle Steven A Skiles Dawn M Harle Dawn M Harle Sarah B Pennell	2 20 10 n.a. n.a. 1



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Lancaster Laboratories Sample No. WW 4675683

 MW-7-W-051219
 Grab
 Water

 Facility# 211283
 Job# 386956
 3810
 Broadway-Oakland
 T0600101108
 MW-7

 Collected:12/19/2005
 08:30
 by GR

Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

Account'Number: 10904

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7-OAK

)-OAK						
CAT No.	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
01728	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 CALUFT(Waters)	n.a.	N.D.	50.	ug/l	l
06067	BTEX, MTBE, ETOH					
	Ethanol	64-17-5	N.D.	50.	ug/l	1
01587	······································	1634-04-4	N.D.	0.5	ug/l	1
02010	Methyl Tertiary Butyl Ether	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

GRD

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728 06609	Analysis Name TPH-GRO - Waters TPH-DRO CALUFT(Waters)	Method N. CA LUFT GRO CA LUFT DRO/SW-846	Trial# 1 1	Date and Time 12/27/2005 15:43 01/04/2006 04:02	Analyst Steven A Skiles Sarah M Snyder	Factor 1 1
06067 01146 01163 02135	BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	8015B mod SW-846 8260B SW-846 5030B SW-846 5030B CA LUFT TPH	1 1 1 1	12/30/2005 02:27 12/27/2005 15:43 12/30/2005 02:27 12/28/2005 11:30	Dawn M Harle Steven A Skiles Dawn M Harle Sarah B Pennell	1 1 n.a. 1



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Lancaster Laboratories Sample No. WW 4675684

MW-9-W-051219 Grab Water Facility# 211283 Job# 386956 3810 Broadway-Oakland T0600101108 MW-9 Collected:12/19/2005 10:30 by GR	GRD Account Number: 10904
Submitted: 12/21/2005 10:30	ChevronTexaco
Reported: 01/04/2006 at 17:31	6001 Bollinger Canyon Rd L4310
Discard: 02/04/2006	San Ramon CA 94583

9-0AK

CAT No.	Analysis Name TPH-GRO - Waters	CAS Number n.a.	As Received Result N.D.	As Received Method Detection Limit 50.	Units ug/l	Dilution Factor l
06609	The reported concentration of ' gasoline constituents eluting p start time. TPH-DRO CALUFT(Waters) The observed sample pattern is result is due to an individual	n.a. not typical of	52. #2 fuel/diesel.	50. The reported	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	5.	0.5	ug/l	1
	Benzene	71-43-2	N.D.	0.5	ug/l	1
05401		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

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728 06609	Analysis Name TPH-GRO – Waters TPH-DRO CALUFT(Waters)	Method N. CA LUFT GRO CA LUFT DRO/SW-846	Trial# 1 1	Date and Time 12/27/2005 16:19 01/04/2006 04:25	Analyst Steven A Skiles Sarah M Snyder	Factor 1 1
06067 01146 01163 02135	BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	8015B mod SW-846 8260B SW-846 5030B SW-846 5030B CA LUFT TPH	1 1 1	12/30/2005 02:51 12/27/2005 16:19 12/30/2005 02:51 12/28/2005 11:30	Dawn M Harle Steven A Skiles Dawn M Harle Sarah B Pennell	1 1 n.a. 1



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4675685 Lancaster Laboratories Sample No. WW

Water Grab MW-10-W-051219 GRD Facility# 211283 Job# 386956 T0600101108 MW-10 3810 Broadway-Oakland by GR Collected:12/19/2005 09:20

Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

Account'Number: 10904

100AK

TOOM			As Received	As Received Method		Dilution
CAT No.	Analysis Name	CAS Number	As Received 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	1,000. t include MTBE c (n-hexane) TPH-	50. or other GRO range	ug/1, *	1
06609	start time. TPH-DRO CALUFT(Waters) The observed sample pattern is the DRO range earlier than #2	n.a. not typical of	160.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
		64-17-5	N.D.	50.	ug/l	1
01587	Ethanol	1634-04-4	5.	0.5	ug/l	1
02010	Methyl Tertiary Butyl Ether	71-43-2	61.	0.5	ug/l	1
05401	Benzene	108-88-3	23.	0.5	ug/l	1
05407	Toluene	100-41-4	20.	0.5	ug/l	1
05415 06310	Ethylbenzene Xylene (Total)	1330-20-7	47.	0.5	ug/l	1

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728 06609	Analysis Name TPH-GRO - Waters TPH-DRO CALUFT(Waters)	Method N. CA LUFT GRO CA LUFT DRO/SW-846 8015B mod	Trial# 1 1	Date and Time 12/27/2005 16:55 01/04/2006 04:49	Analyst Steven A Skiles Sarah M Snyder Dawn M Harle	Factor 1 1
06067 01146 01163 02135	BTEX, MTBE, ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	SW-846 8260B SW-846 5030B SW-846 5030B CA LUFT TPH	1 1 1	12/30/2005 03:14 12/27/2005 16:55 12/30/2005 03:14 12/28/2005 11:30	Steven A Skiles Dawn M Harle Sarah B Pennell	1 n.a. 1



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Lancaster Laboratories Sample No. WW 4675686

MW-11-W-051219 Grab Facility# 211283 Job# 386956 3810 Broadway-Oakland T060010110 Collected:12/19/2005 07:25 by GR	Account Number: 10904
Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006	ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

110AK

CAT No.	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
01120	The reported concentration of gasoline constituents eluting	TPH-GRO does not prior to the C6	: include MTBE c (n-hexane) TPH-	or other GRO range		
06609	start time. TPH-DRO CALUFT(Waters)	n.a.	N.D.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
01587	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
	Benzene	71-43-2	N.D.	0.5	ug/l	1
05401		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

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CAT No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
	TPH-GRO - Waters	N. CA LUFT GRO	1	12/27/2005 17:31	Steven A Skiles	1
01728 06609	TPH-GRO - Waters TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846	1	01/04/2006 05:12	Sarah M Snyder	1
0000	BTEX, MTBE, ETOH	8015B mod SW-846 8260B	1	12/30/2005 03:38	Dawn M Harle	1
06067	•	SW-846 5030B	1	12/27/2005 17:31	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/30/2005 03:38	Dawn M Harle	n.a.
01163 02135	GC/MS VOA Water Prep Extraction - DRO Water Special	CA LUFT TPH	1	12/28/2005 11:30	Sarah B Pennell	1



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Lancaster Laboratories Sample	No. WW 467	5687			
MW-12-W-051219 Grab Facility# 211283 Job# 386956	Water	GRD			
3810 Broadway-Oakland         T060           Collected:12/19/2005         14:55	00101108 MW-1 by GR		nt Number: 10	904	
Submitted: 12/21/2005 10:30 Reported: 01/04/2006 at 17:31 Discard: 02/04/2006		6001	ronTexaco Bollinger Can Lamon CA 94583		310
120AK					
CAT	at a Number	As Received	As Received Method Detection	Units	Dilution Factor

No.Analysis NameCAS NumberResultDetection LimitUnitsFactor01728TPH-GRO - Watersn.a.330.50.ug/l1n.a.330.50.ug/l10609TPH-DRO CALUFT (Waters)n.a.340.50.ug/l106609TPH-DRO CALUFT (Waters)n.a.340.50.ug/l106067BTEX, MTBE, ETOH64-17-5N.D.50.ug/l101587Ethanol64-17-5N.D.50.ug/l101587Ethanol64-17-5N.D.50.ug/l105401Benzene71-43-294.0.5ug/l105405Ethylbenzene100-41-41.0.5ug/l105415Ethylbenzene100-41-41.0.5ug/l106310Xylene (Total)1330-20-73.0.5ug/l1	CAT						
01728TPH-GRO - Watersn.a.330.50.ug/l1The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.0609TPH-DRO CALUFT(Waters)n.a.340.50.ug/l106009TPH-DRO CALUFT(Waters)n.a.340.50.ug/l1The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.06067BTEX, MTBE, ETOH01587Ethanol64-17-5N.D.50.ug/l102010Methyl Tertiary Butyl Ether1634-04-42.0.5ug/l105401Benzene71-43-294.0.5ug/l105407Toluene108-88-35.0.5ug/l105415Ethylbenzene100-41-41.0.5ug/l1		Analysis Name	CAS Number	Result		Units	Factor
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.06609TPH-DRO CALUFT(Waters)n.a.340.50.ug/l1The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.ug/l106067BTEX, MTBE, ETOH01587Ethanol64-17-5N.D.50.ug/l102010Methyl Tertiary Butyl Ether1634-04-42.0.5ug/l105401Benzene71-43-294.0.5ug/l105407Toluene108-88-35.0.5ug/l105415Ethylbenzene100-41-41.0.5ug/l1	01728	TPH-GRO - Waters			50.	ug/l "	1
06609       TPH-DRO CALUFT(Waters)       n.a.       340.       50.       ug/1       1         The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.       06067       BTEX, MTBE, ETOH         01587       Ethanol       64-17-5       N.D.       50.       ug/1       1         02010       Methyl Tertiary Butyl Ether       1634-04-4       2.       0.5       ug/1       1         05401       Benzene       71-43-2       94.       0.5       ug/1       1         05407       Toluene       108-88-3       5.       0.5       ug/1       1         05415       Ethylbenzene       100-41-4       1.       0.5       ug/1       1	01,40	The reported concentration of gasoline constituents eluting	TPH-GRO does no prior to the Ce	ot include MTBH i (n-hexane) TH	E or other PH-GRO range		
The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.         06067       BTEX, MTBE, ETOH         01587       Ethanol       64-17-5       N.D.       50.       ug/l       1         02010       Methyl Tertiary Butyl Ether       1634-04-4       2.       0.5       ug/l       1         05401       Benzene       71-43-2       94.       0.5       ug/l       1         05407       Toluene       108-88-3       5.       0.5       ug/l       1         05415       Ethylbenzene       100-41-4       1.       0.5       ug/l       1	05609		n.a.	340.	50.	ug/l	1
01587       Ethanol       04-17-5       0.5       ug/l       1         02010       Methyl Tertiary Butyl Ether       1634-04-4       2.       0.5       ug/l       1         05401       Benzene       71-43-2       94.       0.5       ug/l       1         05407       Toluene       108-88-3       5.       0.5       ug/l       1         05415       Ethylbenzene       100-41-4       1.       0.5       ug/l       1	06067	pattern which elutes later in	the DRO range.	diesel and an	additional		
01367       Benandri       1634-04-4       2.       0.5       ug/l       1         02010       Methyl Tertiary Butyl Ether       1634-04-4       2.       0.5       ug/l       1         05401       Benzene       71-43-2       94.       0.5       ug/l       1         05407       Toluene       108-88-3       5.       0.5       ug/l       1         05415       Ethylbenzene       100-41-4       1.       0.5       ug/l       1	01507	Ethopol	64-17-5	N.D.	50.	ug/l	1
05401         Benzene         71-43-2         94.         0.5         ug/1         1           05407         Toluene         108-88-3         5.         0.5         ug/1         1           05415         Ethylbenzene         100-41-4         1.         0.5         ug/1         1				2.	0.5	ug/l	1
05407     Toluene     108-88-3     5.     0.5     ug/1     1       05415     Ethylbenzene     100-41-4     1.     0.5     ug/1     1		•	71-43-2	94.	0.5	ug/l	1
05415 Ethylbenzene 100-41-4 1. 0.5 ug/l 1			108-88-3	5.	0.5	ug/l	1
				1.	0.5	ug/l	1
		-	1330-20-7	3.	0.5	ug/l	1

<b>31</b> 5		Laboratory	Chro	nicle Analysis		Dilution
CAT No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
	TPH-GRO - Waters	N. CA LUFT GRO	1	12/28/2005 06:23	Kathie J Bowman	1
01728 06609	TPH-GRO - Waters TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846 8015B mod	1	01/04/2006 05:36	Sarah M Snyder	1
	BTEX, MTBE, ETOH	SW-846 8260B	1	12/30/2005 04:02	Dawn M Harle	1
06067	GC VOA Water Prep	SW-846 5030B	1	12/28/2005 06:23	Kathie J Bowman	1
01146	GC/MS VOA Water Prep	SW-846 5030B	1	12/30/2005 04:02	Dawn M Harle	n.a.
01163 02135	Extraction - DRO Water Special	CA LUFT TPH	1	12/28/2005 11:30	Sarah B Pennell	1



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### Quality Control Summary

Client Name: ChevronTexaco Reported: 01/04/06 at 05:31 PM Group Number: 971977

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

### Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank MDL	Report <u>Units</u>	LCS <u>%REC</u>	LCSD <u>%RBC</u>	LCS/LCSD Limits	RPD	RPD Max
Batch number: 05356A07B TPH-GRO - Waters	Sample nu N.D.	mber(s): 50.	4675678-46' ug/l	75686 102	106	70-130	3	3 0.
Batch number: 053610022A TPH-DRO CALUFT(Waters)	Sample nu N.D.	mber(s): 29.	4675679-46 ug/l	75687 98	89	59-131	9	20
Batch number: 05361A07A TPH-GRO - Waters	Sample nu N.D.	mber(s): 50.	4675687 ug/l	101	100	70-130	1	30
Batch number: Z053624AA Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample nu N.D. N.D. N.D. N.D. N.D.	0.5 0.5 0.5 0.5 0.5	ug/l ug/l ug/l ug/l ug/l	96 90 96 96 98	98 91 97 97 100	77-127 85-117 85-115 82-119 83-113	2 1 1 2 2	30 30 30 30 30 30
Batch number: Z053631AA Ethanol Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample nu N.D. N.D. N.D. N.D. N.D. N.D.	nmber(s): 50. 0.5 0.5 0.5 0.5 0.5	4675679-46 ug/l ug/l ug/l ug/l ug/l ug/l	75687 98 97 95 94 95 96		30-155 77-127 85-117 85-115 82-119 83-113		

### Sample Matrix Quality Control

Analysis Name	MS <u>%rec</u>	MSD %REC	MS/MSD Limits	RPD	RPD <u>MAX</u>	BKG <u>Conc</u>	DUP Conc	DUP RPD	Dup RPD <u>Max</u>
Batch number: 05356A07B TPH~GRO - Waters	Sample 97	number	(s): 4675678 63-154	-46756	86				
Batch number: 05361A07A TPH-GRO - Waters	Sample 113	number	(s): 4675687 63-154	7					
Batch number: Z053624AA Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample 100 98 103 102 104	2 number	(s): 4675678 69-134 83-128 83-127 82-129 82-130	3					

*- 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

Group Number: 971977

Client Name: ChevronTexaco Reported: 01/04/06 at 05:31 PM

### Sample Matrix Quality Control

Analysis Name	, MS <u>&amp;RE</u> Sar	MSD <u>C %RE</u>	MS/MSD <u>Limits</u> Der(s): 46756	<u>RPD</u> 79-4675	<b>RPD</b> <u>MAX</u> 687	BKG Conc	DUP <u>Conc</u>	DUP RPD	Dup RPD <u>Max</u>
Batch number: Z053631AA Ethanol	94	93	26-162	1	30 30				
Methyl Tertiary Butyl Ether	98 101	100 103	69-134 83-128	2	30				
Benzene Toluene	101	101	83-127 82-129	0	30 30				
Ethylbenzene Xvlene (Total)	102 102			1	30				

### Surrogate Quality Control

Analysis Name: TPH-GRO - Wa	iters
Batch number: 05356A07B	
Trifluorotolue	ne-F

4675678	86
4675679	84
4675680	85
4675681	84
4675682	97
4675683	84
4675684	84
4675685	105
4675686	84
Blank	85
LCS	111
LCSD	113
MS	109
Limits:	63-135
Analycic N	ame: TPH-DRO CALUFI(Waters)
Analysis N Batch numb	ame: TPH-DRO CALUFT(Waters) ber: 053610022A Orthoterphenyl
Batch numb	or: 053610022A Orthoterphenyl
Batch numb	Orthoterphenyl 108
Batch numb 4675679 4675680	053610022A Orthoterphenyl 108 99
Batch numb 4675679 4675680 4675681	or: 053610022A Orthoterphenyl 108 99 107
Batch num 4675679 4675680 4675681 4675682	Per: 053610022A Orthoterphenyl 108 99 107 80
Batch numk 4675679 4675680 4675681 4675682 4675683	Per: 053610022A Orthoterphenyl 108 99 107 80 89
Batch numk 4675679 4675680 4675681 4675682 4675683 4675684	Per: 053610022A Orthoterphenyl 108 99 107 80 89 83
Batch numk 4675679 4675680 4675681 4675682 4675683 4675684 4675684	Per: 053610022A Orthoterphenyl 108 99 107 80 89
Batch numk 4675679 4675680 4675681 4675682 4675683 4675684 4675685 4675685	Per: 053610022A Orthoterphenyl 108 99 107 80 89 83 79
Batch numk 4675679 4675680 4675681 4675682 4675683 4675683 4675685 4675685 4675686	Per: 053610022A Orthoterphenyl 108 99 107 80 89 83 83
Batch numk 4675679 4675680 4675681 4675682 4675683 4675684 4675684 4675686 4675687 Blank	Per: 053610022A Orthoterphenyl 108 99 107 80 89 83 83 83
Batch numk 4675679 4675680 4675681 4675682 4675683 4675683 4675685 4675685 4675686	Per: 053610022A Orthoterphenyl 108 99 107 80 83 83 79 83 83 83 115

Analysis Name: TPH-GRO - Waters Batch number: 05361A07A Trifluorotoluene-F

*- 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: ChevronTexaco			roup Number: 971977	
Reported	: 01/04/06 at 05:31 H	Surrogate O	ality Control	
		Burrogate ge	<u></u>	
1675687	94		· · · · · · · · · · · · · · · · · · ·	
Blank	83			
LCS	111			
LCSD	109		1	
4S	113			
Limits:	63-135			
Analysis N	ame: BTEX+MTBE by 8260B			
Batch numb	er: Z053624AA Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzen
	2.07	103	103	96
4675678	107	103	104	96
Blank	107	100	104	100
LCS	105	101	103	101
LCSD	106	102	104	101
MS	107	102	101	
Limits:	80-116	77-113	80-113	78-113
Analyzia I	Name: BTEX, MTBE, ETOH			
Patch num	per: Z053631AA			4-Bromofluorobenzen
Battin India	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromoi Tuorobenzen
4675679	91	88	86	90
	90	88	88	89
4675680	90	87	87	89
4675681	89	86	87	91
4675682		87	87	89
4675683	90	88	87	89
4675684	91	87	88	91
4675685	91	87	87	90
4675686	90	86	85	89
4675687	91	88	88	90
Blank	90	89	88	91
LCS	90	88	87	91
MS MSD	90 91	89	87	89
nou	21		······	78-113
		77-113	80-113	78-115

*- 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.



## **Explanation of Symbols and Abbreviations**

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

The following d	sines common symbole and apprenties		
N.D. TNTC IU umhos/cm C meq g ug ml m3	none detected Too Numerous To Count International Units micromhos/cm degrees Celsius milliequivalents gram(s) microgram(s) milliliter(s) cubic meter(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)
<	less than - The number following the sign i reliably determined using this specific test.	s the <u>limit of qu</u>	antitation, the smallest amount of analyte which can be
>	greater than		
j	estimated value – The result is $\geq$ the Meth	od Detection Li	mit (MDL) and < the Limit of Quantitation (LOQ).
ppm	acusous liquids, pom is usually taken to b	e equivalent to	per kilogram (mg/kg), or one gram per million grams. For milligrams per liter (mg/l), because one liter of water has a e ppm is equivalent to one microliter of gas per liter of gas.
ppb	parts per billion		
Dry weight basis	Results printed under this heading have be concentration to approximate the value pre on an as-received basis.	een adjusted fo esent in a simila	r moisture content. This increases the analyte weight ar sample without moisture. All other results are reported
U.S. EPA CLP	P Data Qualifiers:		
	Organic Qualifiers		Inorganic Qualifiers

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

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

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

Measurement uncertainty values, as applicable, are available upon request.

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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