Mr. Don Hwang Alameda County Health Care Services Department of Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577



Site Status Report

Chevron Site #9-4800, 1700 Castro Street, Oakland, California





Dear Mr. Hwang:

This letter is submitted by Cambria Environmental Technology, Inc. (Cambria) on behalf of the Chevron Products Company, Inc. (Chevron) to document groundwater monitoring and sampling activities performed at the above site on December 31, 2003. The site work was performed by Gettler-Ryan Inc. (G-R) under subcontract with Cambria. A copy of the Fourth Quarter Monitoring and Sampling Report is attached.

Three of the seven wells are sampled quarterly. Due to consistent gasoline hydrocarbon and MTBE concentrations observed in wells MW-2 and MW-4, we propose that the sampling frequency be reduced to semi-annually. Since MTBE has been detected in down gradient MW-7, this well will remain on a quarterly monitoring and sampling schedule.

Cambria is in the process of assessing down gradient delineation of MTBE across Castro Street and will submit a work plan for this. In the interim, and unless otherwise notified by Alameda County Health Care Services, Cambria will implement the above changes to the groundwater sampling program beginning first quarter 2004. If you have any question please call Brett Lehman at (916)630-1855x106

Sincerely.

Cambria Environmental Technology, Inc.

Brett Lehman

Project Geologist

Bruce Eppler

Senior Project Geologist

Cambria Environmental Technology, Inc.

4111 Citrus Avenue Suite 9 Rocklin, CA 95677 Tel (916) 630-1855 Fax (916) 630-1856 cc:

Ms. Karen Streich, Chevron Environmental Management Company. PO Box 6012 San

Ramon, CA 94583-2324

Environmental Management Company 6001 Bollinger Canyon Rd, L4050 P.O. Box 6012 San Ramon, CA 94583-2324 Tel 925-842-1589 Fax 925-842-8370 Karen Streich Project Manager

February 13 , 2008

ChevronTexaco

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

Re: Chevron Service Station # 9-4800

Address: 1700 Castro Street, Oakland, California

January 29, 2004

I have reviewed the attached routine groundwater monitoring report dated _

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.

Karen Streich Project Manager

Karen Stees

Enclosure: Report

January 29, 2004 G-R #386383

TO:

Mr. Bruce H. Eppler

Cambria Environmental Technology, Inc.

4111 Citrus Avenue, Unit #9 Rocklin, California 95677

FROM:

Deanna L. Harding

Project Coordinator Gettler-Ryan Inc.

6747 Sierra Court, Suite J Dublin, California 94568 **RE:** Chevron Service Station

#9-4800

1700 Castro Street Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	January 27, 2004	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 31, 2003

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to *February 13, 2004*, at which time the final report will be distributed to the following:

cc: Ms. Eva Chu, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

Enclosures

trans/9-4800-ks



January 27, 2004 G-R Job #386383

Ms. Karen Streich Chevron Products Company P.O. Box 6004 San Ramon, CA 94583

RE: Fourth Quarter Event of December 31, 2003

Groundwater Monitoring & Sampling Report

Chevron Service Station #9-4800

1700 Castro Street Oakland, California

Dear Ms. Streich:

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

Hagop Kevork P.E. No. C55734

Figure 1:

Potentiometric Map

Table 1:

Groundwater Monitoring Data and Analytical Results

Table 2:

Groundwater Analytical Results - Oxygenate Compounds
Standard Operating Procedure - Groundwater Sampling

Attachments: Standard Operation Field Data Sheets

Chain of Custody Document and Laboratory Analytical Reports

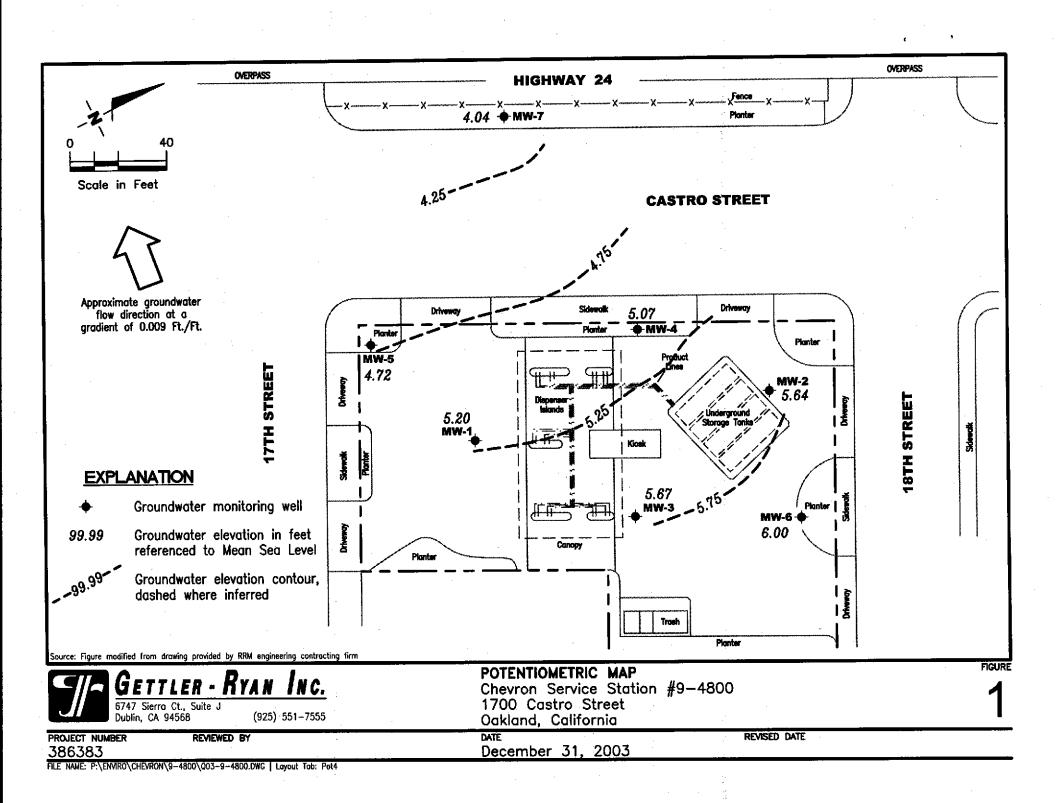


Table 1
Groundwater Monitoring Data and Analytical Results

WELL ID/	TOC*	GWE	DTW	TPH-D	TPH-G	B	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
DATE	(fi.)	(msl)	<u>(ft.)</u>	(ppb)	(ppb)	(ppb)	(P)10)	<u> </u>	(2/20)	<u> </u>
/IW-1									4.50	-10
06/04/97	30.75	4.39	25.82	71 ¹	890	100	110	29	150	<10
09/16/97	30.75	4.85	25.90	75¹	1,600	210	210	60	250	<10
12/17/97	30.75	4,88	25.87	65¹	940	120	100	. 41	160	<25
03/18/98	30.75	5.90	24.85	77 ¹	530	91	39	22	65	6.8
06/28/98	30.75	5.92	24.83	140 ¹	1,100	220	140	37	120	14
09/07/98	30.75	5.56	25.19	280¹	1,700	530	86	84	240	49
12/09/98	30.75	5.10	25.65	240 ⁱ	1,700	240	130	- 100	270	32
03/11/99	30.75	5.30	25.45	981	353	53.9	28.6	20.5	56.1	14.1
06/17/99	30.75	5.39	25.36	217 ¹	810	270	150	95	340	15
09/29/99	30.75	5.13	25.62	153 ¹	659	76	49.7	35.1	118	12.6
12/14/99	30.75	5.07	25.68	188 ^{1,2}	2,760	287	199	139	502	<12.5
03/09/00 ³	30.75	5.54	25.21	166 ¹	1,590	238	94.9	72.2	247	22.3
06/10/00	30.75	5.73	25.02	**	1,460	242	47.8	83.8	151	97.3
09/30/00	30.75	5.30	25.45	240 ⁷	650 ⁶	130	49	69	190	21
12/22/00	30.75	5.05	25.70	200 ⁹	640 ⁶	110	33	58	160	68
03/01/01	30.75	5.25	25.50	211 ⁷	1,500 ⁶	210	67.9	109	320	87.3
05/04/01	30.75	5.41	25.34	1307	991	127	32.6	73.0	137	95.4
09/05/01	30.75	5.16	25.59	SAMPLED SEM	II-ANNUALLY					
12/21/01	30.75	5.17	25.58	210	2,000	220	16	110	400 .	34
03/15/02	30.75	5.60	25.15	••		~-				
06/15/02	30.75	5.49	25.26	140	350	54	0.61	12	40	130
09/06/02	30.75	5.26	25.49	SAMPLED SEM	II-ANNUALLY		_			
12/06/02	30.75	5.12	25.63	2,900	900	71	2.1	39	150	34
03/03/03	30.75	5.46	25.29	SAMPLED SEM	II-ANNUALLY					
06/17/03 ¹⁴	30.75	5.64	25.11	180	290	34	0.6	23	90	92
09/16/03	30.75	5.37	25.38	SAMPLED SEM	II-ANNUALLY			· 4.		
12/31/03 ¹⁴	30.75	5.20	25.55	150	1,500	97	6	70	230	86
					•					
MW-2								şi		
06/04/97	30.00	5.13	24.87	4,000 ¹	13,000	790	30	420	1,700	4000
09/16/97	30.00	5.06	24.94	2,200 ¹	4,000	360	9.7	210	460	1500
12/17/97	30.00	5.18	24.82	2,100 ¹	4,100	380	<10	200	460	2100

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800

1700 Castro Street Oakland, California

	MAC AND	AND THE	DTW	TPH-D	TPH-G	В	Т	E	X	MTBE
WELL ID/	TOC*	GWE (msl)	(fi.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
DATE	(ft.)	(msr)	()/ee)	SOURCE STATE OF THE STATE OF TH					
MW-2 (cont)										12.000
03/18/98	30.00	6.43	23.57	3,700 ¹	8,400	1,800	<50	350	630	13,000 3800
06/28/984	30.00	6.21	23.79	4,400 ¹	9,300	740	340	710	2,300	4500/4100 ⁵
09/07/98	30.00	5.78	24.22	3,100 ¹	9,900	1,000	150	640	1,800	2600/2600 ⁵
12/09/98	30.00	5.31	24.69	1,900 ¹	8,500	860	74	610	960	3400/5050 ⁵
03/11/99	30.00	5.79	24.21	2,700 ¹	12,500	1,520	42.2	645	2,250	4700
06/17/99	30.00	5.69	24.31	7,150 ¹	27,000	2,200	260	1500	5,900	1970
09/29/99	30.00	5.45	24.55	3,030 ¹	6910	582	11.1	491	1,170	
12/14/99	30.00	5.39	24.61	615 ^{1,2}	4230	282	12.3	284	690	631
03/09/003	30.00	6.08	23.92	3,300 ¹	15,300	1,110	39.4	1,040	3,030	2,470
06/10/00	30.00	6.13	23.87		7,360	560	40.7	627	1,280	1,260
09/30/00	30.00	5.67	24.33	1,8007	3,600 ⁶	280	<10	420	430	290
12/22/00	30.00	5.39	24.61	870 ⁹	1,500 ⁶	100	<1.3	160	59	380
03/01/01	30.00	5.79	24.21	1,320 ⁷	2,340 ⁶	171	< 5.00	238	157	864
05/04/01	30.00	5.83	24.17	3,100 ⁷	11,900	199	33.9	1,420	290	3,890
09/05/01	30.00	5.45	24.55	2,200	3,300	170	1.7	310	110	1,100
12/21/01	30.00	5.60	24.40	980	1,100	58	0.72	120	14	450
03/15/02	30.00	6.05	23.95	2,200	5,000	250	9.1	470	430	1,800
06/15/02	30.00	5.84	24.16	3,700	5,200	240	5.2	540	. 210	2,200
09/06/02	30.00	5.59	24.41	2,200	2,100	84	1.4	250	30	1,000
12/06/02	30.00	5.44	24.56	730	780	21	< 0.50	58	3.4	480
03/03/03	30.00	5.79	24.21	3,500	4,800	220	1.9	650	46	4,400
06/17/03 ¹⁴	30.00	6.07	23.93	4,100	4,700	140	4	370	84	2,700
09/16/03 ¹⁴	30.00	5.69	24.31	1,80015	1,300	38	<1	110	3	1,300
12/31/03 ¹⁴	30.00	5.64	24.36	330	990	11	<0.5	23	3	440
•										
MW-3										
06/04/97	31.32	5.27	26.05	<50	190	26	20	1.5	16	8.2
09/16/97	31.32	5.17	26.15	<50	270	58	53	6.1	30	21
12/17/97	31.32	5.22	26.10	<50	290	50	54	8.1	37	21
03/18/98	31.32	6.42	24.90	<50	390	140	33	4.6	30	94
06/28/98	31.32	6.39	24.93	<50	290	90	11	1.6	13	150
09/07/98	31.32	5.97	25.35	<50	170	46	20	4.3	19	120

Table 1
Groundwater Monitoring Data and Analytical Results

WELL ID/	TOC*	GWE	DTW	TPH-D	TPH-G	В	T	E	X	MTBE
DATE	(ft.)	(msl)	(A)	(ppb)	(ppb)	(ррв)	(ppb)	(ppb)	(ppb)	(ppb)
MW-3 (cont)						100	93	22	72	150
12/09/98	31.32	5.41	25.91	55 ¹	660	120		13.7	63.8	144
03/11/99	31.32	5.85	25.47	<50	653	136	69.5	24	88	210
06/17/99	31.32	5.90	25.42	1031	530	190	110		56.6	156
09/29/99	31.32	5.61	25.71	2321	433	97.8	61.4	16.9	800	995
12/14/99	31.32	5.55	25.77	<50 ²	8650	1040	795	212		539
03/09/003	31.32	6.14	25.18	74.6 ¹	1170	304	103	25.2	114	339
06/10/00	31.32	6.29	25.03		359	63.8	27.8	10.5	35.4	393 67
09/30/00	31.32	5.79	25.53	1008	220 ⁶	42	33	12	38	
12/22/00	31.32	5.52	25.80	1 10 9	370 ⁶	96	48	18	58	180
03/01/01	31.32	5.75	25.57	144 ⁷	912 ⁶	218	89.0	36.0	110	310
05/04/01	31.32	5.96	25.36	<50	1,260	146	79.6	38.2	101	1,070
09/05/01	31.32	5.61	25.71	SAMPLED SEM	I-ANNUALLY					
12/21/01	31.32	5.67	25.65	180	850	160	11	32	84	300
03/15/02	31.32	6.15	25.17							
06/15/02	31.32	6.01	25.31	< 50	550	110	3.0	23	58	590
09/06/02	31.32	5.74	25.58	SAMPLED SEM	I-ANNUALLY.					
12/06/02	31.32	5.56	25.76	160	350	60	1.3	11	32	530
03/03/03	31.32	5.92	25.40	SAMPLED SEM	II-ANNUALLY					
06/17/03 ¹⁴	31.32	6.19	25.13	130	560	90	2	19	57	590
09/16/03	31.32	5.85	25.47	SAMPLED SEM	II-ANNUALLY			` 		
12/31/0314	31.32	5.67	25.65	120	840	140	24	25	87	670
12/31/03	D1.D#	0.07			•					
MW-4								.0.5	7.2	4.700
04/08/99	30.13			,	130	3.1	<0.5	<0.5	7.7	4,700
06/17/99	30.13	5.19	24.94	3,780	590	58	<5.0	<5.0	160	6,200
09/29/99	30.13	4.96	25.17	1,1301	692	10.7	<2.5	5.51	236	7,840
12/14/99	30.13	4.91	25.22	571 ^{1,2}	625	<10	3.83	<10	94.6	4,470
03/09/00 ³	30.13	5.45	24.68	600¹	402	3.76	1.18	<0.5	71.4	3,140
06/10/00	30.13	5.53	24.60		<1,000	13.2	<10.0	<10.0	97.8	3,080
09/30/00	30.13	5.09	25.04	1,400 ⁷	280 ⁶	21	0.67	6.3	60	3,300
12/22/00	30.13	4.90	25.23	740 ⁹	240 ⁶	2.2	< 0.50	1.3	25	2,200
03/01/01	30.13	5.15	24.98	661 ⁷	193	2.31	< 0.500	1.34	12.1	1,220

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800

				•	Cuinning China			1		and the second s
WELL ID/	TOC*	GWE	DTW	TPH-D	TPH-G	В	Т.	Ė	X	MTBE (ppb)
DATE	(ft.)	(msl)	(ft.)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(1)20)
RATE A (nomb)								,		
MW-4 (cont)	30.13	5.25	24.88	1,100 ⁷	722	12.0	<5.00	17.1	89.4	2,390
05/04/01	30.13	4.96	25.17	2,500	1,400	23	2.2	19	260	2,300
09/05/01	30.13	5.06	25.07	1,100	310	2.9	< 0.50	2.6	32	860
12/21/01	30.13	5.44	24.69	3,100	520	5.0	< 0.50	15	6.8	2,700
03/15/02	30.13	5.29	24,84	2,400	950	16	3.6	41	100	2,200/2,40012
06/15/02	30.13	5.07	25.06	2,600	640	9.6	0.52	9.8	28	1,700
09/06/02	30.13	4.93	25.20	1,400	280	3.6	< 0.50	1.7	<1.5	730
12/06/02	30.13	5.28	24.85	1,500	280	2.7	< 0.50	7.3	2.3	910
03/03/03		5.26 5.44	24.69	2,000	660	8	1	38	16	1,100
06/17/03 ¹⁴	30.13		24.03	2,100 ¹⁶	480	6	<1	. 11	3	710
09/16/03 ¹⁴ 12/31/03 ¹⁴	30.13 30.13	5.15 5.07	25.96	1,400	220	3	<0.5	2	< 0.5	390
12131700	50025		-	•						
MW-5									-A F	-2 E
04/08/99	30.93	w-		<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/17/99	30.93	4.93	26.00	53.8 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	30.93	4.73	26.20	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/14/99	30.93	4.61	26.32	<50 ²	<50	<0.5	<0.5	<0.5	<0.5	0.598
03/09/003	30.93	5.00	25.93	< 50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/10/00	30.93	5.21	25.72		<50.0	< 0.500	<0.500	<0.500	<0.500	<2.50
09/30/00	30.93	4.79	26.14	130 ⁸	<50	< 0.50	<0.50	<0,50	< 0.50	<2.5
12/22/00	30.93	4.60	26.33	250 ⁸	<50	< 0.50	< 0.50	< 0.50	< 0.50	9.1
03/01/01	30.93	4.77	26.16	77.4 ⁷	<50.0	<0.500	< 0.500	< 0.500	< 0.500	<2.50
05/04/01	30.93	4.89	26.04	NOT SAMPLEI	DUE TO INSUFF	ICIENT WATER	₹			
09/05/01	30.93	4.72	26.21	SAMPLED SEN						
12/21/01	30.93	4.73	26.20	110	<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5
03/15/02	30.93	5.06	25.87							
06/15/02	30.93	4.95	25.98	<50	<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5
09/06/02	30.93	4.75	26.18		MI-ANNUALLY					
12/06/02	30.93	4.61	26.32	<50	<50	< 0.50	< 0.50	< 0.50	<1.5	<2.5
03/03/03	30.93	4.94	25.99		MI-ANNUALLY		·			
03/03/03	30.73	7,77	20.77	Citini Den Dei				.*		

Table 1 Groundwater Monitoring Data and Analytical Results

WELL ID/	TOC*	GWE	DTW	TPH-D	TPH-G	B	T (4-4)	E (ppb)	X (ppb)	MTBE (ppb)
DATE	(fi.)	(msl)	(ft.)	(ppb)	(ррв)	(ррв)	(ppb)	APPO)	10100	<i>\$7799.</i>
MW-5 (cont)							·			ه ه
06/17/03 ¹⁴	30.93	5.06	25.87	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/16/03	30.93	4.84	26.09	SAMPLED SEM						
12/31/03 ¹⁴	30.93	4.72	26.21	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6										
04/08/99	30.58				<50	<0.5	<0.5	- <0.5	<0.5	4.5
06/17/99	30.58	5.99	24.59	<50	<50	< 0.5	<0.5	<0.5	< 0.5	<2.5
09/29/99	30.58	5.81	24.77	<50	<50	< 0.5	<0.5	<0.5	<0.5	4.46
12/14/99	30.58	5.74	24.84	<50 ²	<50	<0.5	<0.5	<0.5	<0.5	4.13
03/09/003	30.58	6.49	24.09	<50	<50	<0.5	<0.5	<0.5	<0.5	2.82
06/10/00	30.58	6.58	24.00		<50.0	< 0.500	<0.500	< 0.500	< 0.500	<2.50
09/30/00	30.58	6.00	24.58	1108	<50	< 0.50	< 0.50	< 0.50	<0.50	7.3
12/22/00	30.58	5.75	24.83	1008	<50	<0.50	< 0.50	< 0.50	<0.50	4.5
03/01/01	30.58	6.07	24.51	141 ⁷	<50.0	< 0.500	< 0.500	< 0.500	< 0.500	. 7.52
05/04/01	30.58	6.26	24.32	<50	<50.0	< 0.500	< 5.00	<5.00	<5.00	2.74
09/05/01	30.58	5.99	24.59	SAMPLED SEM	I-ANNUALLY					
12/21/01	30.58	5.93	24.65	200	<50	<0.50	< 0.50	<0.50	<1.5	8.5
03/15/02	30.58	6.44	24.14					·		
06/15/02	30.58	6.25	24.33	<50	<50	<0.50	< 0.50	< 0.50	<1.5	4.3
09/06/02	30.58	5.98	24.60	SAMPLED SEM	I-ANNUALLY			··		
12/06/02	30.58	5.79	24.79	64	<50	<0.50	<0.50	<0.50	<1.5	5.0
03/03/03	30.58	6.14	24.44	SAMPLED SEM	I-ANNUALLY		••			
06/17/03 ¹⁴	30.58	6.47	24.11	<50	<50	<0.5	<0.5	<0.5	<0.5	13
09/16/03	30.58	6.06	24.52	SAMPLED SEM	I-ANNUALLY					
12/31/0314	30.58	6.00	24.58	<50	<50	<0.5	<0.5	<0.5	0.5	14
								•		
MW-7								ý	•	13
05/04/01 11	31.90	4.03	27.87	<50	<50.0	< 0.500	<5.00	<5.00	<5.00	567/470 ¹²
09/05/01	31.90	3.86	28.04	<50	<50	< 0.50	<0.50	<0.50	<1.5	1,400/1,300
12/21/01	31.90	3.04	28.86	210	<50	< 0.50	<0.50	< 0.50	<1.5	620/670 ¹²
03/15/02	31.90	4.18	27.72	<50	<50	< 0.50	<0.50	< 0.50	<1.5	320/350 ¹²

Table 1 Groundwater Monitoring Data and Analytical Results

WELL ID/	TOC*	GWE	DTW	TPH-D	TPH-G	В	Т	E.	X	MTBE
DATE	(ft.)	(msl)	(h.)	(ppb)	(ppb)	(ppb)	(թթե)	(ppb)	(ppb)	(ppb)
<u> </u>	<u></u>	40040000 <u>4</u> 004000 ANTONO								
MW-7 (cont)										850/960 ¹²
06/15/02	31.90	4.06	27.84	<50	<50	<0.50	<0.50	<0.50	<1.5	1,900
09/06/02	31.90	3.93	27.97	<50	59	< 0.50	<0.50	<0.50	<1.5	
12/06/02	31.90	3.87	28.03	<50	68	< 0.50	<0.50	<0.50	<1.5	2,200
03/03/03	31.90	4.21	27.69	<50	<50	< 0.50	<0.50	<0.50	<1.5	1,300
06/17/03 ¹⁴	31.90	4.14	27.76	<50	79	<0.5	<0.5	<0.5	<0.5	2,500
09/16/0314	31.90	4.07	27.83	<50 ¹⁷	110	<5	<5	<5	<5	4,400
12/31/03 ¹⁴	31.90	4.04	27.86	<50	76	<2	<2	<2	<2	3,000
			٠							
TRIP BLANK					<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/04/97					<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/97				••	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/17/97					<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/18/98					<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/28/98					<50 <50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/98					<50 <50	<0.5	<0.5	<0.5	<0.5	<2.5
12/09/98	,					<0.5	<0.5	<0.5	<0.5	<5.0
03/11/99				- -	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/17/99					<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/14/99					<50	<0.5 <0.5	<0.5	<0.5	<0.5	<2.5
03/09/00 ³					<50	<0.500	<0.500	<0.500	<0.500	<2.50
06/10/00					<50.0	<0.50	<0.50	<0.50	<0.50	<2.5
09/30/00			-		<50		<0.50	<0.50	<0.50	<2.5
12/22/00 ¹⁰					<50	< 0.50	<0.500	<0.500	<0.500	<2.50
03/01/01					<50.0	<0.500	<0.300 <5.00	<5.00	<5.00	<0.500
05/04/01					<50.0	<0.500		<0.50	<1.5	<2.5
09/05/01	_	-			<50	<0.50	<0.50	<0.30	~1.5	~2.5
QA						0.50	r0.50	<0.50	<1.5	<2.5
12/21/01		' 			<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/15/02					<50	<0.50	<0.50	<0.50		<2.5
06/15/02					<50	<0.50	<0.50	<0.50	<1.5	
09/06/02					<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/06/02			•• , ,		<50	< 0.50	<0.50	<0.50	<1.5	<2.5

Table 1 Groundwater Monitoring Data and Analytical Results

WELL ID/	TOC*	GWE	DTW	TPH+D	TPH-G	В	Ť	E	x	MTBE
DATE	(fi.)	(msl)	(A)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(pph)	(ppb)
7.3.0		2000000000 lastooros attooros attoor								
QA (cont)							•			
03/03/03 ¹³										
06/17/03 ¹⁴					<50	< 0.5	< 0.5	<0.5	<0.5	< 0.5
					<50	< 0.5	< 0.5	<0.5	<0.5	<0.5
09/16/03 ¹⁴								<0.5	< 0.5	< 0.5
12/31/03 ¹⁴				-	<50	<0.5	<0.5	~0.5	-012	

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-4800 1700 Castro Street Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 10, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

TPH-G = Total Petroleum Hydrocarbons as Gasoline

-- = Not Measured/Not Analyzed

(ft.) = Feet

B = Benzene

(ppb) = Parts per Billion

GWE = Groundwater Elevation

T = Toluene

QA = Quality Assurance/Trip Blank

(msl) = Mean sea level

E = Ethylbenzene

DTW = Depth to Water

X = Xylenes

TPH-D = Total Petroleum Hydrocarbons as Diesel

MTBE = Methyl tertiary butyl ether

- * TOC elevation was surveyed on April 11, 2001, by Virgil Chavez Land Surveying. The benchmark for the survey was the top of curb at the south end of the return at the southeast corner of Castro Street and 18th Street. (Benchmark Elevation = 29.65 feet, msl).
- Chromatogram pattern indicates an unidentified hydrocarbon.
- Sample was extracted outside EPA recommended holding time.
- 3 TPH-G, BTEX and MTBE was analyzed outside EPA recommended holding time.
- ⁴ EPA Method 8240.
- 5 Confirmation run.
- 6 Laboratory report indicates gasoline C6-C12.
- Laboratory report indicates unidentified hydrocarbons C9-C24.
- 8 Laboratory report indicates unidentified hydrocarbons >C16.
- Laboratory report indicates unidentified hydrocarbons C9-C40.
- Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.
- Well development performed.
- 12 MTBE by EPA Method 8260.
- Due to laboratory error the trip blank sample was not analyzed.
- BTEX and MTBE by EPA Method 8260.
- Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the reextraction are within the limits. The hold time had expired prior to reextraction so all results are reported from the original extract. The TPH-D result from the reextraction is 910 ppb.
- Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the reextraction are within the limits. The hold time had expired prior to reextraction so all results are reported from the original extract. The TPH-D result from the reextraction is 1,700 ppb.
- Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the reextraction are within the limits. The hold time had expired prior to reextraction so all results are reported from the original extract. Similar results were obtained in both extracts.

Table 2
Groundwater Analytical Results - Oxygenate Compounds

			Oakianu, Camonna			
WELL ID/	ETHANOL	TBA	MTBE	DIPE	ETBE	TAME
DATE	(ppb)	(ppb)	(ррь)	(ррв)	(ppb)	(ppb)
MW-1				2		
6/17/03			92			
09/16/03	SAMPLED SEMI-ANNUA	ALLY	·		•	
12/31/03	<50		86		-	-
MW-2						
06/17/03			2,700		-	
09/16/03	<130	••	1,300			
12/31/03	<50		440	 		
	•				£.	
MW-3			700			
06/17/03			590			
09/16/03	SAMPLED SEMI-ANNU	ALLY				
12/31/03	66		670	-		
MW-4						
04/08/99	<25,000	<5000	5400	<100	<100	<100
06/15/02		840	2,400	<2	. <2	110
06/17/03	·	520	1,100	<0.5	<0.5	110
09/16/03	<100		. 710			
12/31/03	<50	: -	390		· 	
MW-5						
04/08/99	<500	<100	<2.0	<2.0	<2.0	<2.0
06/17/03	-300	-100	<0.5		<u></u>	
09/16/03	SAMPLED SEMI-ANNU					
12/31/03	<50		<0.5		· · · · · · · · · · · · · · · · · · ·	
16/31/03	~30		-040		•	

Table 2
Groundwater Analytical Results - Oxygenate Compounds

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (pph)
					* · · · · · · · · · · · · · · · · · · ·	
MW-6			•			~ 0
04/08/99	<500	<100	5.6	<2.0	<2.0	<2.0
06/17/03	. не		13	===	· ·	
09/16/03	SAMPLED SEMI-ANNUA	LLY				
12/31/03	<50		14			
	·				*4	
MW-7					-	
05/04/01	<500	57	470	<2.0	<2.0	11
09/05/01	<500	<100	1,300	<2	<2	32
12/21/01	<500	<100	670	<2	<2	15
03/15/02	<500	<100	350	<2	<2	8
06/15/02		<100	960	<2	<2	18
06/17/03		37	2,500	< 0.5	<0.5	53
09/16/03	<500		4,400			
12/31/03	<200		3,000		·. ==	
			•			

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-4800 1700 Castro Street Oakland, California

EXPLANATIONS:

Groundwater laboratory analytical results prior to May 4, 2001, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

-- = Not Analyzed

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 Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



Client/Facility #:	ChevronTexa	co #9-4800		Job Number:	38638 3	
•	1700 Castro S	treet	· · ·	Event Date:	12/31/13	(inclusiv
•	Oakland, CA			Sampler:	K. Kelly	
Well ID	MW- 1	Date M	onitored: 🗾	2/31/03	Well Condition:	<i>ou</i> -
Well Diameter	2 in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17	3"= 0.38
Total Depth	29.91 ft.		Factor (VF) 4"= 0.66	5"= 1.02 6"= 1.50	12"= 5.80
Depth to Water	25.55 ft.			_		
the factor of the New York	<i>4.36</i> ×	VF <u>0.17</u>	= 0.74	x3 (case volume) = E	stimated Purge Volume:	
Purge Èquipment:		Samplin	ng Equipment:	:	Time Started:	(2400 hrs) (2400 hrs)
Disposable Bailer			ble Bailer	•	Depth to Product:	· · · · ·
Stainless Steel Bailer		Pressun			Depth to Water:	fi
Stack Pump		Discrete	Bailer		Hydrocarbon Thickne	
Suction Pump		Other:_			Visual Confirmation/D	rescription:
Grundfos					Skimmer / Absorbant	
Other:					Amt Removed from S Amt Removed from V	
			•		Product Transferred to	
Start Time (purge)	: 1134	Weather	Conditions:	overcust		
Sample Time/Dat Purging Flow Rat Did well de-water Time	e: //45 //2 e: gpm. ?	Sediment If yes, Time: _	Vater Color: Description:	LiSht		ORP (mV)
Sample Time/Dat Purging Flow Rat Did well de-water	e: //45 //2 e: gpm. ? np Volume (gal.)	Sediment If yes, Time: _ pH	Vater Color: Description:	Volume:	gal.	ORP
Sample Time/Dat Purging Flow Rat Did well de-water Time	e: // 45 / 12 e: gpm. ?	Sediment If yes, Time: _	Vater Color: Description:	Volume:	gal.	ORP
Sample Time/Dat Purging Flow Rat Did well de-water Time	e: //45 /12 e: gpm. ? no Volume (gal.) .75	Sediment If yes, Time: _ pH Co	Vater Color: Description:	Volume: Temperature (VF)	gal.	ORP
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.)	e: // 45 / 12 e: gpm. ? 10 Volume (gal.) .75	Sediment If yes, Time: _ pH Co	Vater Color: Description:	Volume: Temperature (O/F) / F. /	gal.	ORP
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.)	e: // 45 / 12 e: gpm. ? 10 Volume (gal.) .75	Sediment If yes, Time: _ pH Co	Vater Color: Description:	Volume: Temperature (O/F) / F. /	gal.	ORP
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.)	e: // 45 / 12 e: gpm. ? 10 Volume (gal.) .75	Sediment If yes, Time: _ pH Co	Vater Color: Description:	Volume: Temperature (O/F) / F. /	gal.	ORP
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.)	e: // 45 / 12 e: gpm. ? 10 Volume (gal.) .75	Sediment Sediment	Vater Color: Description:	Volume: Temperature (VF) /F.1 /9.3 /17.9 DRMATION	gal. D.O. (mg/L)	ORP (mV)
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.)	e: // 45 / 12 e: gpm. ? 10 Volume (gal.) .75	Sediment Sediment	Vater Color: Description: Onductivity mhos/cm) SH6 S75 F/ RATORY INFO	Volume: Temperature (VF) /F.1 /9.3 /7.9 DRMATION LABORATORY	gal. D.O. (mg/L)	ORP (mV)
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.)	e: // 45 / 12 e: gpm. ? np Volume (gal.) .75 /.6	Sediment Sediment	Vater Color: Description: Onductivity mhos/cm) SH6 SP5 Z/	Volume: Temperature (VF) /F.1 /9.3 /17.9 DRMATION	gal. D.O. (mg/L) ANAL TPH-G(8015)/BTEX+	ORP (mV)
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.) 1/37 1/37 1/39 SAMPLE ID MW-	e: // 45 / 12 e: gpm. ? np Volume (gal.) . 75 /.5 2. 25 (#) CONTAINER x voa vial	Sediment Sediment	Vater Color: Description: Onductivity mhos/cm) SH6 S75 F/	Volume: Temperature (VF) /F.1 /9.3 /7.9 DRMATION LABORATORY	gal. D.O. (mg/L)	ORP (mV)
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.) //37 //39 SAMPLE ID	e: // 45 / 12 e: gpm. ? np Volume (gal.) .75 /.5 2. 25 (#) CONTAINER x voa vial	Sediment Sediment	Vater Color: Description: Onductivity Mhos/cm) SH6 F95 Z/ RATORY INFO ESERV. TYPE HCL	Volume: Temperature (VF) /F./ /9.3 /7.9 DRMATION LABORATORY LANCASTER	gal. D.O. (mg/L) ANAL TPH-G(8015)/BTEX+I ETHANOL(8260)	ORP (mV)
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.) 1/37 1/37 1/39 SAMPLE ID MW-	e: // 45 / 12 e: gpm. ? np Volume (gal.) . 75 /.5 2. 25 (#) CONTAINER x voa vial	Sediment Sediment	Vater Color: Description: Onductivity Mhos/cm) SH6 F95 Z/ RATORY INFO ESERV. TYPE HCL	Volume: Temperature (VF) /F./ /9.3 /7.9 DRMATION LABORATORY LANCASTER	gal. D.O. (mg/L) ANAL TPH-G(8015)/BTEX+I ETHANOL(8260)	ORP (mV)
Sample Time/Dat Purging Flow Rat Did well de-water Time (2400 hr.) 1/37 1/37 1/39 SAMPLE ID MW-	e: //45 //2 e: gpm. ? ND Volume (gal.) .75 2.25 (#) CONTAINER x voa vial	Sediment Sediment	Vater Color: Description: Onductivity Mhos/cm) SHA SPS JII RATORY INFO	Volume: Temperature (O/F) / F. / / P. 3 / 12. 9 DRMATION LABORATORY LANCASTER LANCASTER	gal. D.O. (mg/L) ANAL TPH-G(8015)/BTEX+I ETHANOL(8260)	ORP (mV)



Client/Facility #:	ChevronTex	aco #9-	4800	Job Number:	3863 83	
Site Address:	1700 Castro	Street		Event Date:	12/31/03	(inclusi
City:	Oakland, CA			Sampler:	K. Kelly	
Well ID Well Diameter	MW- 22		Date Monitored:	12/31/03	Well Condition:	k
Total Depth	29.62 ft	•	Volume Factor (\	3/4*= 0.02 /F) 4*= 0.66	1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50	3"= 0.38 12"= 5.80
Depth to Water	24.36 ft 5.26		7 = 0.89	_ x3 (case volume) =	Estimated Purge Volume:	gal.
Purge Equipment:			Sampling Equipmer		Time Started:	(2400 hrs) (2400 hrs)
Disposable Bailer		. !	Disposable Bailer		Depth to Product:	
Stainless Steel Bailer		. 1	Pressure Bailer		Depth to Water:	f
Stack Pump Suction Pump			Discrete Baller Other:		Hydrocarbon Thickness: Visual Confirmation/Desc	
Grundfos		•				
Other:		•		9	Skimmer / Absorbant Son Amt Removed from Skim	
					Amt Removed from Well:	gal gal
			•		Product Transferred to:	
Purging Flow Rat Did well de-water Time (2400 hr.)			Conductivity (umhos/cm)		gal. D.O. (mg/L)	ORP (mV)
1312	1.5	2 19	304	18.2		<u> </u>
1314	2.75	7.19	342	18.3		
			ABORATORY INF	ORMATION		
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE		ANALYSE	
MW- 2		YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBI ETHANOL(8260)	E(8260)/
MW-2	x amber	YES	NP	LANCASTER	TPH-D	
,						
COMMENTS:						
				· · · · · · · · · · · · · · · · · · ·		
Add/Replace	d Lock:		A	dd/Replaced Plu	g: Size:	



lient/Facility #:	ChevronTexa						
ite Address:	1700 Castro S	Street		Event Date:	12/31/18		_ (inclu
ity:	Oakland, CA			Sampler:	K. Kelly		_
/ell ID	MW-3	Da	te Monitored:	2/31/15	Well Condition:	O.K	
/ell Diameter	in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17	3"= 0.38	7
otal Depth	29.38 ft.		Factor (VF		5"= 1.02 6"= 1.50	12"= 5.80	
epth to Water	<i>35.65</i> ft.						
	373	KVF <u>0.17</u>	= 0.63	x3 (case volume) = l	Estimated Purge Volume:	<u>/. /// g</u> al	
		_			Time Started:		2400 hrs)
urge Equipment:			mpling Equipment	:	Time Bailed:		2400 hrs) ft
isposable Bailer			sposable Bailer		Depth to Product: Depth to Water:		" _f
tainless Steel Baile			essure Bailer		Hydrocarbon Thickne		ft
tack Pump			screte Bailer her:		Visual Confirmation/D		
uction Pump rundfos		. Of			Skimmer / Absorbant	Sock /circle on	-)
					Amt Removed from S		
ther:	· · · · · · · · · · · · · · · · · · ·				Amt Removed from V		
					Product Transferred to	o:	
start Time (purge Sample Time/Da Purging Flow Ra Did well de-wate	ate: 12/0 13/ ate: gpm.	<i> s()3</i> Sedim	ther Conditions: Water Color: nent Description: ne:	Clean	Odor:	Xes	
Sample Time/Da Purging Flow Ra Did well de-wate Time (2400 hr.)	ate: /2/0 //2/ ate: gpm. er? 10 Volume (gal.)	Sedim If yes, Tir	Water Color: nent Description: ne: Conductivity (u mhos/cm)	Volume:	Odor:	ORP (mV)	
Purging Flow Ra Purging Flow Ra Did well de-wate Time (2400 hr.)	ate: /2/0 /64 ate: gpm. er? /00 Volume (gal.)	Sedim If yes, Tir	Water Color: nent Description: ne: Conductivity (u mhos/cm)	Volume: Temperature O/F) 16.4	Odor: gal.	ORP	 .
Sample Time/Da Purging Flow Ra Did well de-wate Time (2400 hr.)	ate: /2/0 //2/ ate: gpm. Pr? NO Volume (gal.) .50	Sedim If yes, Tir	Water Color: nent Description: ne: Conductivity (u mhos/cm) //42	Volume:	Odor: gal.	ORP	
eample Time/Da Purging Flow Ra Did well de-wate Time (2400 hr.)	ate: /2/0 /64 ate: gpm. er? /00 Volume (gal.)	Sedim If yes, Tir	Water Color: nent Description: ne: Conductivity (u mhos/cm)	Volume: Temperature O/F) 16.4	Odor: gal.	ORP	
Purging Flow Rabid well de-water (2400 hr.)	ate: /2/0 //2/ ate: gpm. Pr? NO Volume (gal.) .50	Sedim If yes, Tir pH <u>7. 76</u> 7. 45 7. 09	Water Color: nent Description: ne: Conductivity (u mhos/cm) /030 //42 988	Volume: Temperature (O/F) 16.4 /6.2 /6.5	Odor: gal.	ORP	
Purging Flow Ra Did well de-wate Time (2400 hr.) / 201 / 204	Ate: /2/0 /64/ ate: gpm. Pr? NO Volume (gal.) .50 /.0 2.0	/s///3 Sedim If yes, Tir pH -7.76 -7.45 -7.09	Water Color: nent Description: ne: Conductivity (u mhos/cm) / 030 //462 983	Volume: Temperature (O/F) 16.44 16.2 16.5	Odor:	ORP	- - - - -
Purging Flow Rabid well de-water (2400 hr.)	ate: /2/0 //2/ ate: gpm. Pr? NO Volume (gal.) .50	Sedim If yes, Tir pH <u>7. 76</u> 7. 45 7. 09	Water Color: nent Description: ne: Conductivity (u mhos/cm) /030 //42 988	Volume: Temperature (O/F) 16.44 16.2 16.5	Odor:	ORP (mV)	
Purging Flow Rational Plans Flow Rational Plan	Ate: /2/0 //2/ ate: gpm. Pr? NO Volume (gal.) .50 /.0 2.0 (#) CONTAINER	Sedim If yes, Tir pH 7. 76 7. 09 LA REFRIG. YES	Water Color: nent Description: ne: Conductivity (u mhos/cm) //30 //42 962 ABORATORY INFO	Volume: Temperature (O/F) /6.4 /6.2 /6.5 ORMATION LABORATORY	Odor: gal. D.O. (mg/L)	ORP (mV)	- - -
Sample Time/Da Purging Flow Ra Did well de-wate (2400 hr.) / 201 / 203 / 204 SAMPLE ID MW- 3	Ate: /2/0 //4/ ate: gpm. Volume (gal.) .50 /.0 2.0 (#) CONTAINER // x voa vial	Sedim If yes, Tir pH 7. 76 7. 09 LA REFRIG. YES	Water Color: nent Description: ne: Conductivity (u mhos/cm) //42 983 ABORATORY INFO PRESERV. TYPE HCL	Volume: Temperature (O/F) /6.4 /6.2 /6.5 ORMATION LABORATORY LANCASTER	Odor: gal. D.O. (mg/L) (ORP (mV)	-
Sample Time/Da Purging Flow Ra Did well de-water (2400 hr.) /201 /203 /204 SAMPLE ID MW- 3	Ate: /2/0 //4/ ate: gpm. Volume (gal.) .50 /.0 2.0 (#) CONTAINER // x voa vial	Sedim If yes, Tir pH 7. 76 7. 09 LA REFRIG. YES	Water Color: nent Description: ne: Conductivity (u mhos/cm) //42 983 ABORATORY INFO PRESERV. TYPE HCL	Volume: Temperature (O/F) /6.4 /6.2 /6.5 ORMATION LABORATORY LANCASTER	Odor: gal. D.O. (mg/L) (ORP (mV)	

lient/Facility #:	ChevronTexa	3CO #9-4	6 00	Job Number:	386383		
ite Address:	1700 Castro Street			Event Date:	12/31/03		_ _ (inclus
lity:	Oakland, CA		Sampler:	K. Kuly		- -	
Vell ID	MW- #	Da	ate Monitored:	12/31/03	Well Condition	on: 12	-
Vell Diameter	2 in.	•			-		
otal Depth	28.26 ft.		Volume Factor (\	3/4*= 0.02 /F) 4"= 0.66	1"= 0.04 2"= 0. 5"= 1.02 6"= 1.		
epth to Water	25.06 ft.		T actor (71) 4 - 0.00	0 - 1.02	12 - 5.00	J
		XVF 0.14	= 054	x3 (case volume) ≃ F	Estimated Purge Volu	me: /. // 3 nal.	*
				_ //0 (0000 1010	Time Started:	· · · · · · · · · · · · · · · · · · ·	400 hrs)
ırge Equipment:		S	ampling Equipmer	nt:	Time Started:		2400 hrs) 2400 hrs)
sposable Bailer		Di	isposable Bailer			,	-
ainless Steel Bailer		Pi	ressure Bailer		Depth to Water:		f
ack Pump		Di	iscrete Bailer		Hydrocarbon Thio		ft
ction Pump		0	ther:		Visual Confirmation	on/Description:	
rundfos					Ckimmas / Absorb	ant Sock (circle one	
ther:						m Skimmer:	
					Amt Removed from		gal
					Product Transferr	ed to:	
tart Time (purge) ample Time/Dat urging Flow Rat id well de-water	e: 1255 //2, e: gpm.	/৶/es Sedim	ather Conditions Water Color nent Description me:	Cloudy (13)	20 3	or: <u> </u>	
ample Time/Dat urging Flow Rat	e: 1255 //2, e: gpm.	/৶/es Sedim	Water Color nent Description	Cloudy(13)	20 3	ORP (mV)	
ample Time/Dateurging Flow Rater time (2400 hr.) 13 48 12 49 12 51	le: 1255 //2, e: gpm. / No Volume (gal.) .50 /.75	Sedim If yes, Tin pH 7.89 7.60 7.40	Water Color nent Description me: Conductivity (umhos/cm) Sul 193 ABORATORY INF	Volume: Temperature OFF) 15.8 15.3 18.1	gal. D.O. (mg/L)	ORP (mV)	
ample Time/Dateurging Flow Rater Time (2400 hr.) 13 48 1249 1251	e: 1255 //2 e: gpm. / No /olume (gal.) .50 /-75	Sedim If yes, Tin pH 7.89 7.40 7.40	Water Color nent Description me: Conductivity (umhos/cm) S& I F44 493 ABORATORY INF	Volume: Temperature OF) /S-8 /S-3 /S-1 CORMATION LABORATORY	gal. D.O. (mg/L)	ORP (mV)	
ample Time/Dat urging Flow Rat id well de-water Time (2400 hr.) 13 48 1249 1251	le: 1255 //2, e: gpm. / No Volume (gal.) .50 /.75	Sedim If yes, Tin pH 7.89 7.40 7.40	Water Color nent Description me: Conductivity (umhos/cm) Sul 193 ABORATORY INF	Volume: Temperature OFF) 15.8 15.3 18.1	gal. D.O. (mg/L) AN TPH-G(8015)/BTE	ORP (mV)	
ample Time/Dat urging Flow Rat id well de-water Time (2400 hr.) 12 48 1249 1251	e: 1255 //2 e: gpm. / No /olume (gal.) .50 /-75	Sedim If yes, Tin pH 7.89 7.40 7.40	Water Color nent Description me: Conductivity (umhos/cm) S& I F44 493 ABORATORY INF	Volume: Temperature OF) /S-8 /S-3 /S-1 CORMATION LABORATORY	gal. D.O. (mg/L)	ORP (mV)	
ample Time/Dat urging Flow Rat id well de-water Time (2400 hr.) 1248 1249 1251 SAMPLE ID MW-44	(#) CONTAINER (#) CONTAINER (x voa vial)	Sedim If yes, Tin pH 7.89 7.40 7.40 PES	Water Color nent Description me: Conductivity (u mhos/cm) S& I S44 493 ABORATORY INF PRESERV. TYPE HCL	Volume: Temperature O/F) /5.8 /5.3 /5.1 CORMATION LABORATORY LANCASTER	gal. D.O. (mg/L) AN TPH-G(8015)/BTE: ETHANOL(8260)	ORP (mV)	
ample Time/Dateurging Flow Rate id well de-water (2400 hr.) 1248 1249 1251 SAMPLE ID	(#) CONTAINER (#) CONTAINER (x voa vial)	Sedim If yes, Tin pH 7.89 7.40 7.40 PES	Water Color nent Description me: Conductivity (u mhos/cm) S& I S44 493 ABORATORY INF PRESERV. TYPE HCL	Volume: Temperature O/F) /5.8 /5.3 /5.1 CORMATION LABORATORY LANCASTER	gal. D.O. (mg/L) AN TPH-G(8015)/BTE: ETHANOL(8260)	ORP (mV)	
ample Time/Dat urging Flow Rat id well de-water Time (2400 hr.) 1248 1249 1251 SAMPLE ID MW-44	(#) CONTAINER (#) CONTAINER (x voa vial)	Sedim If yes, Tin pH 7.89 7.40 7.40 PES	Water Color nent Description me: Conductivity (u mhos/cm) S& I S44 493 ABORATORY INF PRESERV. TYPE HCL	Volume: Temperature O/F) /5.8 /5.3 /5.1 CORMATION LABORATORY LANCASTER	gal. D.O. (mg/L) AN TPH-G(8015)/BTE: ETHANOL(8260)	ORP (mV)	
ample Time/Dat urging Flow Rat id well de-water Time (2400 hr.) 1248 1249 1251 SAMPLE ID MW-4	(#) CONTAINER (#) CONTAINER (x voa vial)	Sedim If yes, Tin pH 7.89 7.40 7.40 PES	Water Color nent Description me: Conductivity (u mhos/cm) S& I S44 493 ABORATORY INF PRESERV. TYPE HCL	Volume: Temperature O/F) /5.8 /5.3 /5.1 CORMATION LABORATORY LANCASTER	gal. D.O. (mg/L) AN TPH-G(8015)/BTE: ETHANOL(8260)	ORP (mV)	



Client/Facility #:	ChevronTexa	しい かごういい	JU	JUD HUITIDUI.	3863 83		_
	1700 Castro S			Event Date:	12/31/03		(inclusi
-	Oakland, CA			Sampler:	K. Kill		_
Well ID	MW-5	Date	e Monitored:	2/31/03	Well Condition	1: //	
Well Diameter	2 in.		D. 6-1	3/4"= 0.02	1"= 0.04 2"= 0.17	7 3"= 0.38	7
Fotal Depth	27.96 ft.		Volume Factor (VF	=-	5"= 1.02 6"= 1.50	1 7 75711	
_	26.21 ft.		<u> </u>	<u></u>			
a series de la companya de la compa	<i>1.75</i> ×	VF 0.17	_=_0.29_	x3 (case volume) =	Estimated Purge Volum		
urge Equipment:		San	npling Equipment:	!	Time Started:		2400 hrs) 2400 hrs)
	_		oosable Baller		Depth to Product:		
Disposable Bailer		•			Depth to Water:		
Stainless Steel Bailer			ssure Bailer		Hydrocarbon Thick		ft
Stack Pump			crete Bailer		Visual Confirmation		
Suction Pump		Otn	er:			C (sindo oso	
Srundfos					Skimmer / Absorba Amt Removed from		
Other:					Amt Removed from		gal
					Product Transferred		
			her Conditions:		Od-1		-
Sample Time/Date Purging Flow Rate	e: 1/05 12/ e: gpm. ? NO Volume (gal.) .25	/3//03 Sedime	water Color: Water Color: ent Description: e: Conductivity (u mhos/cm) /20/ //47 //19	Clear	<u> </u>	ORP (mV)	- -
(2400 hr.) 1056 1057 1058	e: 1/05 / 12/ e: gpm. ? 10 Volume (gal.) .25 .50	31/03 Sedime If yes, Tim pH 4.11 4.10 LAI	Water Color: ent Description: e: Conductivity (u mhos/cm) /20/ //44 //49	Volume: Temperature (O/F) /8.3 /7.5 ORMATION	gal. D.O. (mg/L)	ORP (mV)	- - - -
Sample Time/Date Purging Flow Rate Did well de-water Time (2400 hr.) / 056 / 057	9: 1/05 / 12/ 9: 9pm. 7 No Volume (gal.) -25 -50 -75	Sedime If yes, Tim pH 4.11 7.11 4.10 LAI REFRIG.	Water Color: ent Description: e: Conductivity (u mhos/cm) /20/ //47 //47 //47 //47 //47 PRESERV. TYPE	Volume: Temperature (F) 18.3 18.5 17.5 CRMATION LABORATORY	gal. D.O. (mg/L)	ORP (mV)	- - - -
Sample Time/Date Purging Flow Rate Did well de-water Time (2400 hr.) 1056 1056	e: 1/05 / 12/ e: gpm. ? 10 Volume (gal.) .25 .50	31/03 Sedime If yes, Tim pH 4.11 4.10 LAI	Water Color: ent Description: e: Conductivity (u mhos/cm) /20/ //44 //49	Volume: Temperature (O/F) /8.3 /7.5 ORMATION	gal. D.O. (mg/L)	ORP (mV)	
Sample Time/Date Purging Flow Rate Did well de-water Time (2400 hr.) / 056 / 057 / 058	9: 1/05 / 12/ 9: 9pm. 7 No Volume (gal.) -25 -50 -75	Sedime If yes, Tim pH 4.11 7.11 4.10 LAI REFRIG.	Water Color: ent Description: e: Conductivity (u mhos/cm) /20/ //47 //47 //47 //47 //47 PRESERV. TYPE	Volume: Temperature (F) 18.3 18.5 17.5 CRMATION LABORATORY	gal. D.O. (mg/L) AN. TPH-G(8015)/BTE)	ORP (mV)	
Sample Time/Date Purging Flow Rate Did well de-water Time (2400 hr.) / 056 / 056 SAMPLE ID MW- 5	1/05 12)	Sedime If yes, Tim pH 4.11 4.10 LAI REFRIG. YES	Water Color: ent Description: e: Conductivity (u mhos/cm) /20/ //47 //47 //47 //47 //47 //47 //47 //	Volume: Temperature (O/F) 18.3 18.5 17.5 CRMATION LABORATORY LANCASTER	gal. D.O. (mg/L) AN TPH-G(8015)/BTE> ETHANOL(8260)	ORP (mV)	



Client/Facility #:	ChevronTexa	CO #9-480	UU	Job Number:	38638 3	•	
Site Address:	dress: 1700 Castro Street			Event Date:	12/31/09		_ _(inclusi
City:	Oakland, CA			Sampler: K. Kelly			•
Vell ID	MW- 6	Date	e Monitored:	12/31/03	Well Condition	n: ac	
Vell Diameter	2 in.			, ,			
otal Depth	28.08 ft.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.1		l
epth to Water	24.58 ft.		Factor (V	F) 4"= 0.66	5"= 1.02 6"= 1.5	0 12"= 5.80	
repui to water		xVF 0.17	= 0.59	_x3 (case volume) = E	stimated Purge Volum	ne: <u>/ 78</u> gal.	
urge Equipment:		Sam	npling Equipmen	t·	Time Started:		400 hrs)
isposable Bailer					Time Bailed:	····································	400 hrs)
isposable ballei tainless Steel Balle			oosable Bailer		Depth to Product: Depth to Water:		ft_
tack Pump	·		ssure Bailer		Hydrocarbon Thick	ness:	ft
•			crete Bailer		Visual Confirmation		
uction Pump		Oth	er:				
rundfos ther:						nt Sock (circle one)	
me:				•	Amt Removed from		gal
				•	Amt Removed from Product Transferred		gal
							
Name Time							
Start Time (purge			ner Conditions:				
					df Odor	:	
sample Time/Da	ate: //25/12	131/03	Water Color:	Light Clin	df Odor	: no	
	ate: //25/12 ate: gpm.	<i>(31/03</i> Sedime		Light Clin	Odor	:_no	
Sample Time/Da Purging Flow Ra	ate: //25/12 ate: gpm.	/3//03 Sedime If yes, Time	Water Color ent Description e:	Volume:		:	
iample Time/Da Purging Flow Ra Pid well de-wate	ate: //25/12 ate: gpm. er? no	<i>(31/03</i> Sedime	Water Color ont Description	Volume:	gal.		
ample Time/Da Purging Flow Ra Pid well de-wate Time	ate: //25//2 ate: gpm. pr? NO Volume (gal.)	/31/03 Sedime If yes, Time	Water Color: ent Description: e: Conductivity (u mhos/cm)	Volume: Temperature	gal.	ORP	
tample Time/Date turging Flow Rate to the term of the	ete: //25//2. ete: gpm. er? NO Volume (gal.) . 50	/31/03 Sedime If yes, Time pH 7.50	Water Color: ent Description: e: Conductivity (umhos/cm)	Volume: Temperature O/F)	gal.	ORP	
ample Time/Da rurging Flow Ra rid well de-wate Time (2400 hr.)	volume (gat.) . 50	/31/03 Sedime If yes, Time	Water Color: ent Description: e: Conductivity (u mhos/cm)	Volume: Temperature	gal.	ORP	
tample Time/Date turging Flow Rate to the term of the	volume (gat.) . 50	/31/03 Sedime If yes, Time pH 7.50 7.06	Water Color: ent Description: e: Conductivity (u mhos/cm) 610	Volume: Temperature 0/F) 145	gal.	ORP	
tample Time/Date turging Flow Rate to the term of the	volume (gat.) . 50	/31/03 Sedime If yes, Time pH 7.50 7.06	Water Color: ent Description: e: Conductivity (umhos/cm) 610 655 664	Volume: Temperature Ø/F) / #5 / #2.0 / 8.9	gal.	ORP	
Sample Time/Da Purging Flow Ra Did well de-wate Time (2400 hr.) ///9	volume (gat.) . 50	/31/03 Sedime If yes, Time pH 7.50 7.06	Water Color: ent Description: e: Conductivity (u mhos/cm) 610	Volume: Temperature Ø/F) / #5 / #2.0 / 8.9 ORMATION	gal. D.O. (mg/L)	ORP	
tample Time/Date turging Flow Rabid well de-water (2400 hr.)	volume (gal.) . 50 . 1.75	/31/03 Sedime If yes, Time pH 7.50 7.06	Water Color: ent Description: e: Conductivity (umhos/cm) 610 655 664	Volume: Temperature Ø/F) / #5 / #2.0 / 8.9 ORMATION	gal. D.O. (mg/L) ANA TPH-G(8015)/BTEX	ORP (mV)	
rample Time/Date turging Flow Rate to the Property of the Prop	volume (gal.) . 50 . 1.45 . (#) CONTAINER	Sedime If yes, Time pH 7.50 7.06 LAB REFRIG.	Water Color ent Description e: Conductivity (umhos/cm) LID USS UUF CORATORY INFO	Volume: Temperature Ø/F) / #5 / 72.0 / 18.9 ORMATION LABORATORY	gal. D.O. (mg/L)	ORP (mV)	
ample Time/Daturging Flow Ravid well de-water (2400 hr.) //// //// SAMPLE ID MW- 6	volume (gal.) . 50 . 1.0 . 1.75 . (#) CONTAINER . x voa vial	Sedime If yes, Time pH 7.50 7.06 LAB REFRIG. YES	Water Colors ent Descriptions e: Conductivity (umhos/cm) 610 655 644 CORATORY INFO PRESERV. TYPE HCL	Volume: Temperature Ø/F) /#5 /#2.0 /8.9 ORMATION LABORATORY LANCASTER	gal. D.O. (mg/L) ANA TPH-G(8015)/BTEX ETHANOL(8260)	ORP (mV)	
Sample Time/Da Purging Flow Ra Did well de-water Time (2400 hr.) ///9 //20 //20 SAMPLE ID MW- 6	volume (gal.) . 50 . 1.0 . 1.75 . (#) CONTAINER . x voa vial	Sedime If yes, Time pH 7.50 7.06 LAB REFRIG. YES	Water Colors ent Descriptions e: Conductivity (umhos/cm) 610 655 644 CORATORY INFO PRESERV. TYPE HCL	Volume: Temperature Ø/F) /#5 /#2.0 /8.9 ORMATION LABORATORY LANCASTER	gal. D.O. (mg/L) ANA TPH-G(8015)/BTEX ETHANOL(8260)	ORP (mV)	



lient/Facility #:	ChevronTexa	co #9-480	0	Job Number:	386383	
Site Address:				Event Date:	12/81/13	(inclus
lity:	Oakland, CA			Sampler:	X.KUH	
Well ID	MW- 7	Date	Monitored:	12/13	Well Condition:	
Well Diameter	2 in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17 3"= 0.38	
Total Depth	29.95 ft.		Factor (\		5"= 1.02 6"= 1.50 12"= 5.80	<u> </u>
Depth to Water	24.86 ft.	2			Estimated Purge Volume: /. 16	nal.
-	2.09	xvf <u>(6.17</u>	=_ <i>0.3</i> 5	_ x3 (case volume) =	Time Started:	(2400 hrs)
Purge Equipment:		San	npling Equipme	nt:	Time Started	(2400 hrs)
Disposable Bailer	_		oosable Bailer	•	Depth to Product:	ft
Disposable baller Stainless Steel Bailer	, 	•	ssure Bailer		Depth to Water:	f
Stack Pump		Disc	crete Baller		Hydrocarbon Thickness: Visual Confirmation/Description:	n
Suction Pump		Oth	er;		Skimmer / Absorbant Sock (circle	e one)
Grundfos	,				Amt Removed from Skimmer:	gal
Other:				a	Arnt Removed from Well:	gai
					Product Transferred to:	
Purging Flow Ra		-	ent Descriptione:		gal.	
•	·····	•	Conductivity	Temperature	D.O. ORF	1
Time (2400 hr.)	Volume (gal.)	pН	(u mhos/cm)	(⊘ F)	(mg/L) (mV)	
1329	.25	5.79	950	12.3		
1330		6.53	1088	17.3		<u>-</u>
1722	1.0	4.13	1056	14.0	· · · · · · · · · · · · · · · · · · ·	
13000		<u></u>	7000			
			BORATORY II		AMALYCES	
SAMPLE ID	(#) CONTAINER		PRESERV. TY			10V
OAMI EE ID	/ x voa vi	al YES	HCL	LANCASTE	ETHANOL(8260)	, v , p
MW-7	∠ X Voa VI	Ì	1			
	x amb	er YES	NP	LANCASTE		
MW-7		er YES	NP	LANCASTE		
MW-7	x amb	er YES	NP	LANCASTE		
MW- 7	x amb	er YES	NP	LANCASTE		
MW- 7	x amb	er YES	NP	LANCASTE		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories Where quality is a science.	10504-00	& Acce	/09	04	Sample #: <u>서</u>	1	8.80	92	SCR#:	· · · · · · · · · · · · · · · · · · ·
	Project #. 61D-1960			17,			quested			
acility #: SS#9-4800 G-R#386389 Global ID#T0	600 02076	Matrix		हाता.	Preser	vation	r Codes	- 1- T		tive Codes T ≃ Thiosulfate
ite Address: 1700 CASTRO STREET, OAKLAND, C	3			H	+ + +	- 17	5 7		N = HNO3	B WaOH
hevron PM: Mgmt, Transfer Initiative Lead Consultant:	417			1 1		- A			S = H ₂ SQ ₄	O • Other
opeultant/Office: G-R, Inc., 6747 Sierra Court, Suite		E S							J value reporti	ng needed est detection limit
onsultant Pri. Mgr.: Delenne L. Harding (deanna dig		16 24 ·	Conta		3467	, <u>Ĉ</u>			possible for 82	60 compounds
	25-554-7890		2 8 2 A			2 E			8021 MTBE Con	
ambler: Kristina Kelly			19 E	S S	Praffe	\$		# ₂	Confirm highe	
erylce Order #: Non SAR:	1			\$ 5 X	170 174				☐ Confirm all hits	
Date	Time g	at ak	o Sel	E E	280 full s	$ \psi $			Run oxy	
mple Mentification Collected		W	2 ×		60 1 1 2	Σ			Comments / R	emarks
mw-1	1145 X		8 X	XX		X				· · · · · · · · · · · · · · · · · · ·
mw-2	/320 X		8 1	XX		X				
mw-3	1210 X		8 >	XX		X				
mw-4	NSS X					Ŷ	7.			
mw-6	1105 X		6 (∕ ∕∕		 {	李章等		-	
mw 7	1345 X		2	ďχΤ	(Tall	1				
			1.15g				7	,£		5.7
			, · N		1 1 1 1 1		10			* *
	A STATE OF THE STA		111			P 3	13.	SUPER STATE		
				- k						
	Relinquilshed by:	delle		G.	Date 14	lme.	Received	by:		Date, Jim
naround Time Requested (TAT) (bisses circle) 72 hour 48 hour	A STATE OF THE PARTY OF THE PAR	100			<u> </u>	<i>30</i>		le l	and	1/5/4/3
hour 4 day 5 day	Rislinguished by:			had	. / ./ R	ime 315	Revelved	by	/)"	Defe Tim
te Package Options (please circle if required)	Ratioquished by	Λ	* U		7-7-1	ime	Received	pit.		Date Tim
Summary Type I — Full	Linde	allm	برمم	ليم	15/14/14	100	1411	Docs.	ne.	11510
De VI (Raw Data). Coelt Deliverable not needed	Relinquished by	· .	ther	76%	me		Received	Mn. 1	30 Man	Date Tim
k	Temperature Up		53	C°	<u>~ - ~ </u>	-		Alka	U V XV	14.66
	(anihaiama Ob	Un receipt 24	<u> </u>	. U ⁻⁷			Custody 8	State Intac	Yes No	100 116

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17805-2425 (717) 658-2300 Copies: White and yellow should accompany samples to Cancaster Laboratories. The pink copy should be retained by the client.

460 Rev. 7/30/01



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

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco c/o Cambria Env. 4111 Citrus Avenue Suite 9 Rocklin CA 95677 916-630-1855

Prepared by:

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

MAN INC.

SAMPLE GROUP

The sample group for this submittal is 880292. Samples arrived at the laboratory on Tuesday, January 06, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			<u>Lancaster Labs Number</u>
OA-T-031231	NA	Water	4194410
MW-1-W-031231	Grab	Water	4194411
MW-2-W-031231	Grab	Water	4194412
MW-3-W-031231	Grab	Water	4194413
MW-4-W-031231	Grab	Water	4194414
MW-5-W-031231	Grab	Water	4194415
•·• · · · · · · · · · · · · · · · · · ·	Grab	Water	4194416
MW-6-W-031231		Water	4194417
MW-7-W-031231	Grab	water	122

1 COPY TO ELECTRONIC COPY TO Cambria C/O Gettler- Ryan Gettler-Ryan Attn: Deanna L. Harding Attn: Cheryl Hansen



2425 New Holland Pike PO Box 12425 Lencaster Pa 17605-2425 • 717-656-2300 Fex: 717-656-2681 • Www.lancasterlabs.com

Questions? Contact your Client Services Representative Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,





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Page 1 of 1

Lancaster Laboratories Sample No. WW 4194410

QA-T-031231 NA Water Facility# 94800 Job# 386383 MTI# 61D-1966

1700 Castro St Oaklankd T0600102076 QA

Collected:12/31/2003 00:00 by K

Submitted: 01/06/2004 09:50 Reported: 01/12/2004 at 13:00

Discard: 02/12/2004

Account Number: 10904

ChevronTexaco c/o Cambria Env.

4111 Citrus Avenue

Suite 9

Rocklin CA 95677

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No. of the second	the control of the stage of the			As Received	* *	Dilution
CAT No.	Analysis Name	CAS Number	As Received Result	Method Detection Limit	Units	Factor
01728	TPH-GRO - Waters The reported concentration of gasoline constituents eluting start time.	n.a. TPH-GRO does not prior to the C6	N.D. include MTBE of (n-hexane) TPH-	50. or other GRO range	ug/l	1
06054	BTEX+MTBE by 8260B					. "
02010 05401 05407 05415 06310	Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	1634-04-4 71-43-2 108-88-3 100-41-4 1330-20-7	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	1 1 1 1

GRD

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728	Analysis Name TPH-GRO - Waters	Method N. CA LUFT Gasoline	Trial# 1	Date and Time 01/07/2004 08:19	Analyst Todd T Smythe	Factor 1
06054 01146	BTEX+MTBE by 8260B GC VOA Water Prep	Method SW-846 8260B SW-846 5030B SW-846 5030B	1	01/07/2004 10:07 01/07/2004 08:19 01/07/2004 10:07	Elizabeth M Taylor Todd T Smythe Elizabeth M Taylor	n.a. n.a.



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4194411 Lancaster Laboratories Sample No. WW

MW-1-W-031231

Grab. Water

Facility# 94800 Job# 386383 MTI# 61D-1966 1700 Castro St Oaklankd T0600102076 MW-1

GRD

Collected:12/31/2003 11:45

by KK

Account Number: 10904

ChevronTexaco c/o Cambria Env.

Submitted: 01/06/2004 09:50

Reported: 01/12/2004 at 13:00

4111 Citrus Avenue Suite 9

Discard: 02/12/2004

Rocklin CA 95677

1-0AK

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	·			As Received	* •	•
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	1,500.	50.	ug/l	1
	The reported concentration of a gasoline constituents eluting patent time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	150.	50.	ug/l	1
	Range Organics was performed by to that of our #2 fuel oil refe hydrocarbons). Site-specific MS/MSD samples we was performed to demonstrate p	erence standard ere not submitt	(between C10 and ed for the proje	nd C28 normal		
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	86.	0.5	ug/l	1
05401	Benzene	71-43-2	97.	0.5	ug/l	1
05407	Toluene	108-88-3	6.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	70.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	230.	0.5	ug/l	1

CAT		Laboratory	Chro	nicle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/07/2004 02:56	Todd T Smythe	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	01/08/2004 18:09	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/07/2004 04:05	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/07/2004 02:56	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/07/2004 04:05	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	01/06/2004 23:00	Felix C Arroyo	1 .



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4194412 Lancaster Laboratories Sample No. WW

Water Grab MW-2-W-031231 Facility# 94800 Job# 386383 MTI# 61D-1966

1700 Castro St Oaklankd T0600102076 MW-2

Collected:12/31/2003 13:20 by KK

Submitted: 01/06/2004 09:50 Reported: 01/12/2004 at 13:00 Discard: 02/12/2004

Account Number: 10904

ChevronTexaco c/o Cambria Env.

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Suite 9

GRD

Rocklin CA 95677

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CAT No.	Analysis Name	CAS Number	As Received Result	Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of T gasoline constituents eluting N	n.a. TPH-GRO does no prior to the Co	990. ot include MTBE (i (n-hexane) TPH-	50. or other	ug/l	1
05553	start time. TPH - DRO CA LUFT (Waters) According to the California LUI Range Organics was performed by to that of our #2 fuel oil reformation to the contract of the contrac	y peak area com erence standard ere not submitt	i (between C10 and the projected for the project	nd C28 normal	ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	. '		·	-	
		64-17-5	N.D.	50.	ug/l	1
01587	Ethanol	1634-04-4	440.	3.	ug/l	5
02010	Methyl Tertiary Butyl Ether		11.	0.5	ug/l	1
05401	Benzene	71-43-2		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	23.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	U.5	~91-	

	·	Laboratory	Chro:	nicle Analysis		Dilution
CAT No. 01728	Analysis Name TPH-GRO - Waters	Method N. CA LUFT Gasoline	Trial# 1	Date and Time 01/07/2004 10:31	Analyst Todd T Smythe	Factor 1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B,	1	01/08/2004 16:23		1
01594	BTEX+5	Modified SW-846 8260B	1	01/07/2004 05:09	Elizabeth M Taylor	1
01594	Oxygenates+EDC+EDB+ETOH BTEX+5	SW-846 8260B	1	01/07/2004 05:30	Elizabeth M Taylor	5
01146 01163 02135	Oxygenates+EDC+EDB+ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	SW-846 5030B SW-846 5030B TPH by CA LUFT	1 1 1	01/07/2004 10:31 01/07/2004 05:09 01/06/2004 23:00	Todd T Smythe Rlizabeth M Taylor Felix C Arroyo	n.a. n.a. 1



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4194413 Lancaster Laboratories Sample No. WW

MW-3-W-031231 Grab

Water Facility# 94800 Job# 386383 MTI# 61D-1966

by KK

1700 Castro St Oaklankd T0600102076 MW-3

GRD

Collected:12/31/2003 12:10

Account Number: 10904

Submitted: 01/06/2004 09:50

Reported: 01/12/2004 at 13:00

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Discard: 02/12/2004

Suite 9

Rocklin CA 95677

3-OAK

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detecti on Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	840.	50.	ug/l	1
	The reported concentration of gasoline constituents eluting start time.	prior to the C6	(n-hexane) TPH-	GRO range	/1	
05553	TPH - DRO CA LUFT (Waters)	n.a.	120.	50.	ug/l	1
	According to the California LU. Range Organics was performed by to that of our #2 fuel oil reformed hydrocarbons). Site-specific MS/MSD samples was performed to demonstrate p	y peak area com erence standard ere not submitt	mparison of the s 1 (between C10 an ed for the proje	ample pattern d C28 normal		
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	66.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	670.	5.	ug/l	10
05401	Benzene	71-43-2	140.	0.5	ug/l	1
05407	Toluene	108-88-3	24.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	25.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	87.	0.5	ug/l	1

		Laboratory	Chro			
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/07/2004 11:04	Todd T Smythe	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	01/08/2004 16:44	Tracy A Cole	1
01594	BTEX+5	SW-846 8260B	1	01/07/2004 05:52	Elizabeth M Taylor	1
01594	Oxygenates+EDC+EDB+ETOH BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/07/2004 06:13	Elizabeth M Taylor	10
01146	GC VOA Water Prep	SW-846 5030B	1	01/07/2004 11:04	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/07/2004 05:52	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	01/06/2004 23:00	Felix C Arroyo	1



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Lancaster Laboratories Sample No. WW 4194414

MW-4-W-031231 Grab Water Facility# 94800 Job# 386383 MTI# 61D-1966 1700 Castro St Oaklankd T0600102076 MW-4

Collected:12/31/2003 12:55 by KK

Submitted: 01/06/2004 09:50 Reported: 01/12/2004 at 13:00

Discard: 02/12/2004

Account Number: 10904

ChevronTexaco c/o Cambria Env.

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GRD

Rocklin CA 95677

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CAT No. 01728	Analysis Name TPH-GRO - Waters The reported concentration of Tagasoline constituents eluting Tagasoline constituents	CAS Number n.a. TPH-GRO does no	As Received Result 220. t include MTBE (As Received Method Detection Limit 50. or other -GRO range	Unit s ug/l	Dilution Factor
05553	gasoline constituents eluting istart time. TPH - DRO CA LUFT (Waters) According to the California LUI Range Organics was performed by to that of our #2 fuel oil refehydrocarbons). Site-specific MS/MSD samples w was performed to demonstrate p	n.a. FT Protocol, th y peak area com erence standard ere not submitt	1,400. ne quantitation parison of the light (between C10 and ced for the project of the project	50. for Diesel sample pattern nd C28 normal ect. A LCS/LCSD	ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/1	1 5
02010	Methyl Tertiary Butyl Ether	1634-04-4	390.	3.	ug/1	1
05401	Benzene	71-43-2	3.	0.5	ug/1	1
05407		108-88-3	N.D.	0.5	ug/l	
		100-41-4	2,	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	Analysis Name TPH-GRO - Waters	Method N. CA LUFT Gasoline	Trial#	Date and Time 01/07/2004 11:37	Analyst Todd T Smythe	Fact or 1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B,	1	01/08/2004 18:30	Tracy A Cole	1
01594	BTEX+5	Modified SW-846 8260B	1	01/07/2004 06:34	Elizabeth M Taylor	1
01594	Oxygenates+EDC+EDB+ETOH BTEX+5	SW-846 8260B	1	01/07/2004 06:56	Elizabeth M Taylor	5
01146 01163 02135	Oxygenates+EDC+EDB+ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	SW-846 5030B SW-846 5030B TPH by CA LUFT	1 1 1	01/07/2004 11:37 01/07/2004 06:34 01/06/2004 23:00	Todd T Smythe Elizabeth M Taylor Felix C Arroyo	n.a. n.a. 1



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Lancaster Laboratories Sample No. WW 4194415

MW-5-W-031231

Grab Water

by KK

Facility# 94800 Job# 386383 MTI# 61D-1966

GRD

1700 Castro St Oaklankd T0600102076 MW-5

Collected:12/31/2003 11:05

Submitted: 01/06/2004 09:50 Reported: 01/12/2004 at 13:00 ChevronTexaco c/o Cambria Env.

4111 Citrus Avenue

Account Number: 10904

Suite 9

Discard: 02/12/2004

Rocklin CA 95677

5-OAK

				As Received		
CAT	•		As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detecti on Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of T gasoline constituents eluting patent time.	TPH-GRO does no prior to the C6	(n-hexane) TFH-	GRU range	/3	1
05553	TPH - DRO CA LUFT (Waters) According to the California LU	n.a.	N.D.	50.	ug/l	+
	Range Organics was performed by to that of our #2 fuel oil refe bydrocarbons)	y peak area com erence standard	parison of the s (between Cl0 an	ample pattern		
	Site-specific MS/MSD samples was performed to demonstrate p	ere not submitt recision and ac	ed for the proje curacy at a batc	ect. A LCS/LCSD ch level.		
01594	Site-specific MS/MSD samples we was performed to demonstrate posterior DETEX+5 Oxygenates+EDC+EDB+ETOH	recision and ac	ed for the proje curacy at a batc	ct. A LCS/LCSD	સ્ટ્રે -	
0159 4 01587	was performed to demonstrate p	recision and ac	ed for the projecuracy at a batc	ct. A LCS/LCSD ch level.	ug/l	1
	was performed to demonstrate p BTEX+5 Oxygenates+EDC+EDB+ETOH	recision and ac	curacy at a batc	ch level.	ug/l ug/l	1
01587	was performed to demonstrate p BTEX+5 Oxygenates+EDC+EDB+ETOH Ethanol	recision and ac	curacy at a batc	th level.	ug/1 ug/1	ı
01587 02010	was performed to demonstrate p BTEX+5 Oxygenates+EDC+EDB+ETOH Ethanol Methyl Tertiary Butyl Ether	64-17-5 1634-04-4	curacy at a batc N.D. N.D.	50. 0.5	ug/l ug/l ug/l	1
01587 02010 05401	was performed to demonstrate p ETEX+5 Oxygenates+EDC+EDB+ETOH Ethanol Methyl Tertiary Butyl Ether Benzene	64-17-5 1634-04-4 71-43-2	curacy at a batc N.D. N.D. N.D.	50. 0.5 0.5	ug/1 ug/1	ı

CAT		Laboratory	Chro	nicle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	01/07/2004 12:09	Todd T Smythe	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	01/08/2004 17:06	Tracy A Cole	1
01594	BTEX+5	MODIFIED SW-846 8260B	1	01/07/2004 07:17	Elizabeth M Taylor	1
01146 01163 02135	Oxygenates+EDC+EDB+ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	SW-846 5030B SW-846 5030B TPH by CA LUFT	1 1 1	01/07/2004 12:09 01/07/2004 07:17 01/06/2004 23:00	Todd T Smythe Elizabeth M Taylor Felix C Arroyo	n.a. n.a. 1



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4194416 Lancaster Laboratories Sample No.

MW-6-W-031231 Water Grab Facility# 94800 Job# 386383 MTI# 61D-1966

1700 Castro St Oaklankd T0600102076 MW-6 Collected:12/31/2003 11:25

Submitted: 01/06/2004 09:50

Reported: 01/12/2004 at 13:01

Discard: 02/12/2004

Account Number: 10904

ChevronTexaco c/o Cambria Env.

4111 Citrus Avenue

Suite 9

GRD

Rocklin CA 95677

6-OAK

		1 .		As Received	45.55	
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/1	1
	The reported concentration of T gasoline constituents eluting p	TPH-GRO does no orior to the C6	t include MTBE c (n-hexane) TPH-	or other GRO range		
05553	start time. TPH - DRO CA LUFT (Waters) According to the California LUI	n.a.	N.D.	50	ug/l	1
	Range Organics was performed by to that of our #2 fuel oil refehydrocarbons). Site-specific MS/MSD samples was performed to demonstrate p	erence standard ere not submitt recision and ac	ed for the proje	ect. A LCS/LCSD		
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/1	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	14.	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	0.5	0.5	ug/l	1

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01728	Analysis Name TPH-GRO - Waters	Metho d N. CA LUFT Gasoline	Trial# 1	Date and Time 01/07/2004 12:42	Analyst Todd T Smythe	Factor 1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	01/08/2004 17:27	Tracy A Cole	1
01594	BTEX+5	SW-846 8260B	1	01/07/2004 07:39	Elizabeth M Taylor	1
01146 01163 02135	Oxygenates+EDC+EDB+ETOH GC VOA Water Prep GC/MS VOA Water Prep Extraction - DRO Water Special	SW-846 5030B SW-846 5030B TPH by CA LUFT	1 1 1	01/07/2004 12:42 01/07/2004 07:39 01/06/2004 23:00	Todd T Smythe Elizabeth M Taylor Felix C Arroyo	n.a. n.a. 1



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4194417 Lancaster Laboratories Sample No. WW

MW-7-W-031231

Grab Water

Facility# 94800 Job# 386383 MTI# 61D-1966

1700 Castro St Oaklankd T0600102076 MW-7 Collected:12/31/2003 13:45

Account Number: 10904

Submitted: 01/06/2004 09:50

Reported: 01/12/2004 at 13:01

Discard: 02/12/2004

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7-OAK

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	76.	50.	ug/l	1
	The reported concentration of I gasoline constituents eluting patent time.	PH-GRO does not rior to the C6	(n-hexane) TPH-G	RO range		_
05553	TPH - DRO CA LUFT (Waters)	n.a.	N.D.	50.	ug/l	1
	According to the California LUR Range Organics was performed by to that of our #2 fuel oil refe hydrocarbons). Site-specific MS/MSD samples we was performed to demonstrate pr	r peak area com erence standard ere not submitte	parison of the sa (between ClO and ed for the projec	mple pattern C28 normal t. A LCS/LCSD		
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	200.	ug/l	4
02010	Methyl Tertiary Butyl Ether	1634-04-4	3,000.	20.	ug/l	40
05401	Benzene	71-43-2	N.D.	2.	ug/l	4
05407	Toluene	108-88-3	N.D.	2.	ug/l	4
05415	Ethylbenzene	100-41-4	N.D.	2.	ug/l	4
06310	Xylene (Total)	1330-20-7	N.D.	2.	ug/l	4
	Due to the level of methyl t-b all GC/MS volatile compounds w	-	reporting limit	(s) for		

CAT		Laboratory	Chro	nicle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/07/2004 13:15	Todd T Smythe	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	01/08/2004 17:48	Tracy A Cole	1 .
01594	BTEX+5	SW-846 8260B	1	01/07/2004 08:00	Elizabeth M Taylor	4
01594	Oxygenates+EDC+EDB+ETOH BTEX+5	SW-846 8260B	1	01/07/2004 08:21	Elizabeth M Taylor	40
01146	Oxygenates+EDC+EDB+ETOH GC VOA Water Prep	SW-846 5030B	1	01/07/2004 13:15	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/07/2004 08:00	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	01/06/2004 23:00	Felix C Arroyo	1



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Quality Control Summary

Client Name: ChevronTexaco c/o Cambria Env.

Group Number: 880292

Reported: 01/12/04 at 01:01 PM

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank MDL	Report <u>Units</u>	LCS <u>%REC</u>	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: 040060025A TPH - DRO CA LUFT (Waters)	Sample 1	number(s): 25.	4194411-41 ug/l	94417 68	73	61-126	7.	20
Batch number: 04007A07A TPH-GRO - Waters	Sample :	number(s): 50.	4194411 ug/l	101		70-130	÷	
Batch number: 04007A07B TPH-GRO - Waters	Sample:	number(s): 50.	4194410,41 ug/l	94412-41 101	94417	70-130		
Batch number: P040061AA Ethanol Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample N.D. N.D. N.D. N.D. N.D.	number(s): 50. 0.5 0.5 0.5 0.5 0.5	4194410-41 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	94417 107 91 94 88 88	• •	46-145 77-127 85-117 85-115 82-119 84-120		

Sample Matrix Quality Control

		_							
	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	RPD ·	<u>max</u>	Conc	Conc	RPD	<u>Max</u>
Batch number: 04007A07A TPH-GRO - Waters	Sample 100	number 100	(s): 4194411 63-154	0	30			4. •	
Batch number: 04007A07B TPH-GRO - Waters	Sample	number	(s): 4194410 63-154	,41944 0	12-419 30	4417			
Batch number: P040061AA	Sample	number	(s): 4194410	-41944	17				
Ethanol	103	105	38-149	1	30				
Methyl Tertiary Butyl Ether	96	96	69-134	0	30				
Benzene	103	103	83-128	0	30				
Toluene	93	96	83-127	3	30				
Ethylbenzene	95	96	82-129	1	30				
Yulene (Total)	94	95	82-130	2	30				

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters) Batch number: 040060025A Orthoterphenyl

4194411	82
4194412	79
4194413	85
4194414	80
4194415	82
4194416	78
4194417	75

*- 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.



83-113

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Quality Control Summary

	ame: ChevronTexaco c/ : 01/12/04 at 01:01 P		Gr	oup Number: 880292
vehorred	. 01/12/04 at 01:01 P		ality Control	
Blank	72	purrogue &		
LCS	72 89			
LCSD	93			
DCSD	33			·
Limits:	59-139			
	ame: TPH-GRO - Waters			
Batch numb	er: 04007A07A	1	the second second	A Company of the Company of the Company
	Trifluorotoluene-F			
4194411	102			
Blank .	81			•
LCS	103			
MS	106			
MSD	106			
Limits:	57-146			· · · · · · · · · · · · · · · · · · ·
Analusia N	lame: TPH-GRO - Waters			
	er: 04007A07B			•
Daten num	Trifluorotoluene-F			
	11111diolocordene-r	·		
4194410	79			
4194412	104			
4194413	82			•
4194414	91			
4194415	81			
4194416	81			
4194417	85			
Blank	80			
LCS	103			
MS	106			
MSD	106			
Limits:	57-146			
Analysis M	Name: BTEX+MTBE by 8260B			
	oer: P040061AA			
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4194410	100	95	101	98
4194411	99	98	101	97
4194412	99	95	102	98
4194413	100	98	102	97
4194414	99	98	100	98
4194415	99	96	101	9 6
4194416	101	97	100	96
4194417	100	96	100	95
Blank	99	97	100	96
LCS	100	96	101	97
MS	100	98	100	97
MSD	99	97	101	98
		- ,		•

85-112

*- Outside of specification

81-120

Limits:

(1) The result for one or both determinations was less than five times the LOQ.

82-112

(2) The background result was more than four times the spike added.



Explanation of Symbols and Abbreviations

Inorganic Qualifiers

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

N.D. TNTC IV umhos/cm C meq 9 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 Below Minimum Quantitation Level MPN Most Probable Number CP Units cobalt-chloroplatinate units nephelometric turbidity units f degrees Fahrenheit lb. pound(s) kg kilogram(s) mg milligram(s) liter(s) ul microliter(s)	
---	---	---	--

- less than The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.
- greater than
- estimated value The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ). J
- parts per million One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For ppm 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.
- parts per billion ppb
- 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. All other results are reported Dry weight basis on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers	
TIC is a possible aldol-condensation.	D

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

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

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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