

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

R0342 ✓

October 7, 2004

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

ALAMEDA COUNTY HEALTH CARE SERVICES
OCT 11 2004

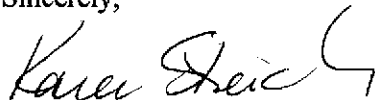
I have reviewed the attached routine groundwater monitoring report dated September 14, 2004.

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

Enclosure: Report



GETTLER-RYAN INC.

TRANSMITTAL

September 14, 2004

G-R #386383

TO: Mr. Bruce H. Eppler
Cambria Environmental Technology, Inc.
4111 Citrus Avenue, Suite 12
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
MTI: 61D-1966

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	September 13, 2004	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 17, 2004

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Ms. Karen Streich, ChevronTexaco Company, P.O. Box 6012, Room K2256, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **October 6, 2004**, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

Enclosures

trans/9-4800-ks



GETTLER - RYAN INC.

September 13, 2004
G-R Job #386383

Ms. Karen Streich
ChevronTexaco Company
P.O. Box 6012, Room K2256
San Ramon, CA 94583

RE: Third Quarter Event of August 17, 2004
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Dear Ms. Streich:

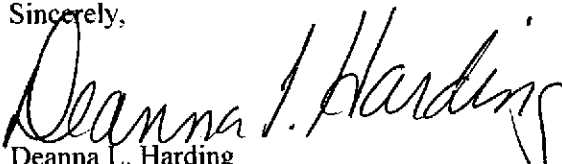
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

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,

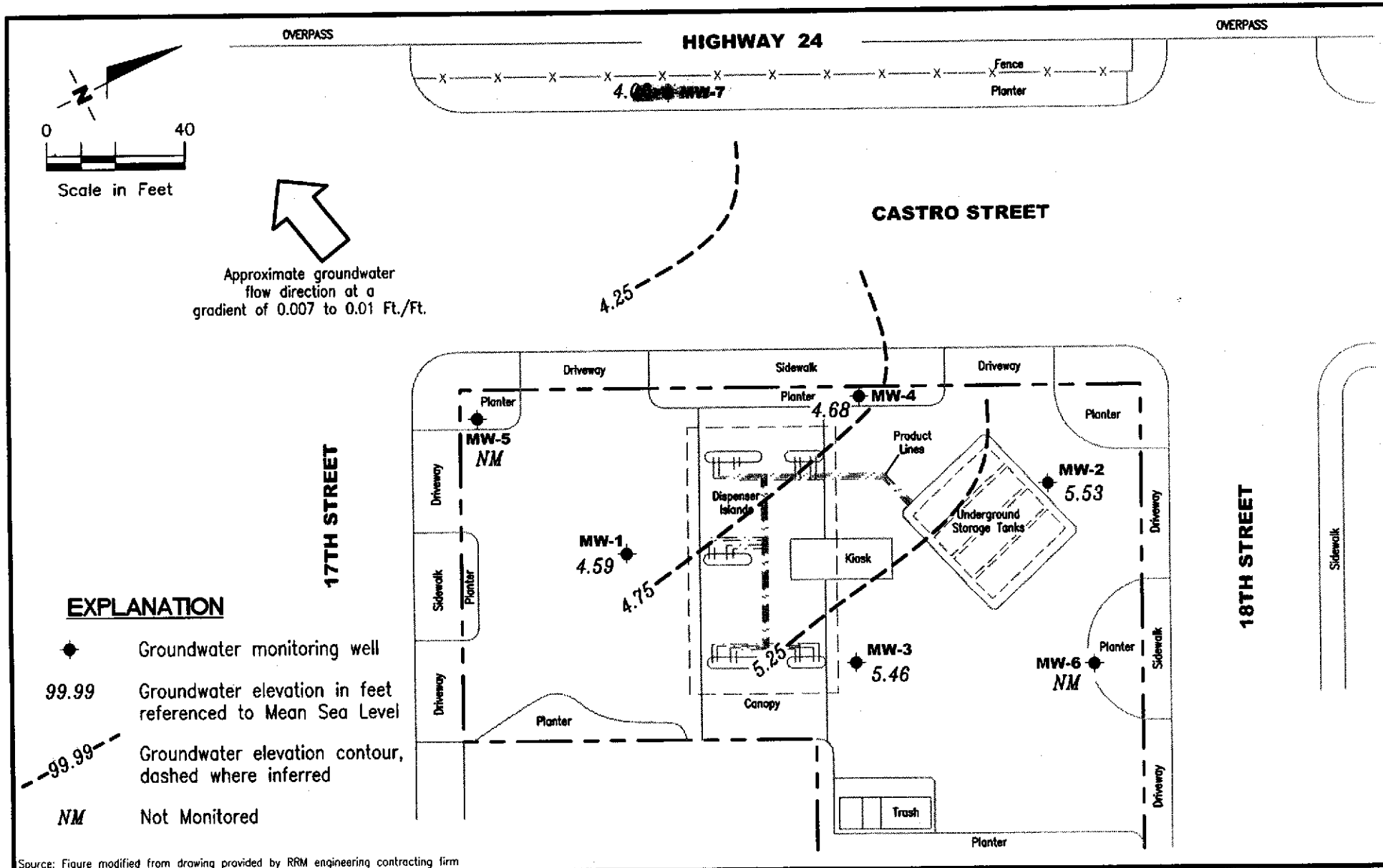

Deanna L. Harding
Project Coordinator



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
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



GETTLER - RYAN INC.

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

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

FIGURE

1

PROJECT NUMBER
386383

REVIEWED BY

DATE
August 17, 2004

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1										
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	75 ¹	1,600	210	210	60	250	<10
12/17/97	30.75	4.88	25.87	65 ¹	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	280 ¹	1,700	530	86	84	240	49
12/09/98	30.75	5.10	25.65	240 ¹	1,700	240	130	100	270	32
03/11/99	30.75	5.30	25.45	98 ¹	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	130 ⁷	991	127	32.6	73.0	137	95.4
09/05/01	30.75	5.16	25.59	SAMPLED SEMI-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 SEMI-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 SEMI-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 SEMI-ANNUALLY		--	--	--	--	--
12/31/03 ¹⁴	30.75	5.20	25.55	150	1,500	97	6	70	230	86
03/26/04	30.75	5.74	25.01	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	30.75	4.59	26.16	860	500	44	5	12	54	76

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2										
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
03/18/98	30.00	6.43	23.57	3,700 ¹	8,400	1,800	<50	350	630	13,000
06/28/98 ⁴	30.00	6.21	23.79	4,400 ¹	9,300	740	340	710	2,300	3800
09/07/98	30.00	5.78	24.22	3,100 ¹	9,900	1,000	150	640	1,800	4500/4100 ⁵
12/09/98	30.00	5.31	24.69	1,900 ¹	8,500	860	74	610	960	2600/2600 ⁵
03/11/99	30.00	5.79	24.21	2,700 ¹	12,500	1,520	42.2	645	2,250	3400/5050 ⁵
06/17/99	30.00	5.69	24.31	7,150 ¹	27,000	2,200	260	1500	5,900	4700
09/29/99	30.00	5.45	24.55	3,030 ¹	6910	582	11.1	491	1,170	1970
12/14/99	30.00	5.39	24.61	615 ^{1,2}	4230	282	12.3	284	690	631
03/09/00 ³	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	1,800 ⁷	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	1,800 ¹⁵	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
03/26/04	30.00	6.25	23.75	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	30.00	5.53	24.47	400	300	9	<0.5	18	1	340

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-4800
 1700 Castro Street
 Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-C (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
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
12/09/98	31.32	5.41	25.91	55 ¹	660	120	93	22	72	150
03/11/99	31.32	5.85	25.47	<50	653	136	69.5	13.7	63.8	144
06/17/99	31.32	5.90	25.42	103 ¹	530	190	110	24	88	210
09/29/99	31.32	5.61	25.71	232 ¹	433	97.8	61.4	16.9	56.6	156
12/14/99	31.32	5.55	25.77	<50 ²	8650	1040	795	212	800	995
03/09/00 ³	31.32	6.14	25.18	74.6 ¹	1170	304	103	25.2	114	539
06/10/00	31.32	6.29	25.03	--	359	63.8	27.8	10.5	35.4	393
09/30/00	31.32	5.79	25.53	100 ⁸	220 ⁶	42	33	12	38	67
12/22/00	31.32	5.52	25.80	110 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 SEMI-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 SEMI-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 SEMI-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 SEMI-ANNUALLY		--	--	--	--	--
12/31/03 ¹⁴	31.32	5.67	25.65	120	840	140	24	25	87	670
03/26/04	31.32	6.33	24.99	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	31.32	5.46	25.86	110	630	84	18	11	35	410

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	CWE (msf)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4										
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 ¹	590	58	<5.0	<5.0	160	6,200
09/29/99	30.13	4.96	25.17	1,130 ¹	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	600 ¹	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
05/04/01	30.13	5.25	24.88	1,100 ⁷	722	12.0	<5.00	17.1	89.4	2,390
09/05/01	30.13	4.96	25.17	2,500	1,400	23	2.2	19	260	2,300
12/21/01	30.13	5.06	25.07	1,100	310	2.9	<0.50	2.6	32	860
03/15/02	30.13	5.44	24.69	3,100	520	5.0	<0.50	15	6.8	2,700
06/15/02	30.13	5.29	24.84	2,400	950	16	3.6	41	100	2,200/2,400 ¹²
09/06/02	30.13	5.07	25.06	2,600	640	9.6	0.52	9.8	28	1,700
12/06/02	30.13	4.93	25.20	1,400	280	3.6	<0.50	1.7	<1.5	730
03/03/03	30.13	5.28	24.85	1,500	280	2.7	<0.50	7.3	2.3	910
06/17/03 ¹⁴	30.13	5.44	24.69	2,000	660	8	1	38	16	1,100
09/16/03 ¹⁴	30.13	5.15	24.98	2,100 ¹⁶	480	6	<1	11	3	710
12/31/03 ¹⁴	30.13	5.07	25.06	1,400	220	3	<0.5	2	<0.5	390
03/26/04	30.13	5.60	24.53	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	30.13	4.68	25.45	2,100	470	12	1	28	4	370
MW-5										
04/08/99	30.93	--	--	<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
03/09/00 ³	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

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)		
MW-5 (cont)												
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 SAMPLED DUE TO INSUFFICIENT WATER							--	--
09/05/01	30.93	4.72	26.21	SAMPLED SEMI-ANNUALLY							--	--
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	SAMPLED SEMI-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	SAMPLED SEMI-ANNUALLY							--	--
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 SEMI-ANNUALLY							--	--
12/31/03 ¹⁴	30.93	4.72	26.21	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5		
03/26/04	30.93	5.19	25.74	SAMPLED SEMI-ANNUALLY							--	--
08/17/04	30.93	TO BE DESTROYED		--	--	--	--	--	--	--		
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		
03/09/00 ³	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	110 ⁸	<50	<0.50	<0.50	<0.50	<0.50	7.3		
12/22/00	30.58	5.75	24.83	100 ⁸	<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 SEMI-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 SEMI-ANNUALLY							--	--
12/06/02	30.58	5.79	24.79	64	<50	<0.50	<0.50	<0.50	<1.5	5.0		

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (fl.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6 (cont)										
03/03/03	30.58	6.14	24.44	SAMPLED SEMI-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 SEMI-ANNUALLY	--	--	--	--	--	--
12/31/03 ¹⁴	30.58	6.00	24.58	<50	<50	<0.5	<0.5	<0.5	0.5	14
03/26/04	30.58	6.69	23.89	SAMPLED SEMI-ANNUALLY	--	--	--	--	--	--
08/17/04	30.58	TO BE DESTROYED		--	--	--	--	--	--	--
MW-7										
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
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
06/15/02	31.90	4.06	27.84	<50	<50	<0.50	<0.50	<0.50	<1.5	850/960 ¹²
09/06/02	31.90	3.93	27.97	<50	59	<0.50	<0.50	<0.50	<1.5	1,900
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
09/16/03 ¹⁴	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
03/26/04 ¹⁴	31.90	4.25	27.65	<50	61	<1	<1	<1	<1	2,000
08/17/04 ¹⁴	31.90	4.02	27.88	2,200	130	<5	<5	<5	<5	
TRIP BLANK										
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	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/09/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)										
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	<2.5
03/09/00 ³	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/10/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/22/00 ¹⁰	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/01/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/04/01	--	--	--	--	<50.0	<0.500	<5.00	<5.00	<5.00	<0.500
09/05/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA										
12/21/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/15/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/15/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
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
03/03/03 ¹³	--	--	--	--	--	--	--	--	--	--
06/17/03 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/16/03 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/31/03 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/26/04 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/17/04 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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
 (ft.) = Feet

GWE = Groundwater Elevation
 (msl) = Mean sea level

DTW = Depth to Water

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

-- = Not Measured/Not Analyzed

(ppb) = Parts per Billion

QA = Quality Assurance/Trip Blank

* 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).

¹ Chromatogram pattern indicates an unidentified hydrocarbon.

² 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.

⁷ Laboratory report indicates unidentified hydrocarbons C9-C24.

⁸ Laboratory report indicates unidentified hydrocarbons >C16.

⁹ Laboratory report indicates unidentified hydrocarbons C9-C40.

¹⁰ Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.

¹¹ Well development performed.

¹² MTBE by EPA Method 8260.

¹³ Due to laboratory error the trip blank sample was not analyzed.

¹⁴ BTEX and MTBE by EPA Method 8260.

¹⁵ 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.

¹⁶ 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.

¹⁷ 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
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1						
06/17/03	--	--	92	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY		--	--	--	--
12/31/03	<50	--	86	--	--	--
08/17/04	<50	--	76	--	--	--
MW-2						
06/17/03	--	--	2,700	--	--	--
09/16/03	<130	--	1,300	--	--	--
12/31/03	<50	--	440	--	--	--
03/26/04	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/17/04	<50	--	340	--	--	--
MW-3						
06/17/03	--	--	590	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY		--	--	--	--
12/31/03	66	--	670	--	--	--
08/17/04	<50	--	410	--	--	--
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	--	--	--
03/26/04	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/17/04	<50	66	370	<0.5	<0.5	50

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-5						
04/08/99	<500	<100	<2.0	<2.0	<2.0	<2.0
06/17/03	--	--	<0.5	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY		--	--	--	--
12/31/03	<50	--	<0.5	--	--	--
08/17/04	TO BE DESTROYED		--	--	--	--
MW-6						
04/08/99	<500	<100	5.6	<2.0	<2.0	<2.0
06/17/03	--	--	13	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY		--	--	--	--
12/31/03	<50	--	14	--	--	--
08/17/04	TO BE DESTROYED		--	--	--	--
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	--	--	--
03/26/04	<100	--	2,000	--	--	--
08/17/04	<500	<50	8,000	<5	<5	140

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 8.17.04 (inclusive)
 City: Oakland, CA Sampler: ET

Well ID: MW-1 Date Monitored: 8.17.04 Well Condition: Good
 Well Diameter: 2 in.
 Total Depth: 29.90 ft.
 Depth to Water: 26.16 ft.
3.74 xVF .17 = .63 x3 case volume= Estimated Purge Volume: 1.90 gal.

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

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1118 Weather Conditions: SUNNY
 Sample Time/Date: 1231 / 8.17.04 Water Color: MILKY / v. Lt. Brown Odor: Yes
 Purging Flow Rate: .50 gpm. Sediment Description: _____
 Did well de-water? Yes If yes, Time: 1120 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1119</u>	<u>.60</u>	<u>7.31</u>	<u>122.5</u>	<u>20.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	<u>3.0</u>	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 8-17-04 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-2 Date Monitored: 8-17-04 Well Condition: Good
 Well Diameter: 2 in.
 Total Depth: 29.60 ft.
 Depth to Water: 24.47 ft.
5.13 xVF .17 = .87 x3 case volume= Estimated Purge Volume: 4.36 gal.

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

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer /
 Stack Pump /
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer ✓
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1047 Weather Conditions: sunny
 Sample Time/Date: 1103 / 8-17-04 Water Color: MILKY / V. CL. Gray Odor: Yes
 Purging Flow Rate: .75 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1048</u>	<u>.80</u>	<u>7.28</u>	<u>127.6</u>	<u>21.3</u>	_____	_____
<u>1049</u>	<u>1.6</u>	<u>7.26</u>	<u>118.7</u>	<u>20.7</u>	_____	_____
<u>1050</u>	<u>2.4</u>	<u>7.25</u>	<u>115.2</u>	<u>20.5</u>	_____	_____
<u>1051</u>	<u>3.2</u>	<u>7.25</u>	<u>112.6</u>	<u>20.4</u>	_____	_____
<u>1052</u>	<u>4.0</u>	<u>7.23</u>	<u>110.9</u>	<u>20.2</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 8.17.04 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-3 Date Monitored: 8.17.04 Well Condition: Good
 Well Diameter: 2 in.
 Total Depth: 29.40 ft.
 Depth to Water: 25.86 ft.
3.54 xVF .17 = .60 x3 case volume = Estimated Purge Volume: 3.0 gal.

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

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1023 Weather Conditions: SUNNY
 Sample Time/Date: 1212 / 8.17.04 Water Color: CLEAR Odor: YES
 Purging Flow Rate: .50 gpm. Sediment Description: _____
 Did well de-water? YES If yes, Time: 1026 Volume: 1.2 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1024</u>	<u>.60</u>	<u>7.40</u>	<u>225</u>	<u>20.5</u>	_____	_____
<u>1025</u>	<u>1.2</u>	<u>7.39</u>	<u>185.5</u>	<u>19.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	<u>3.0</u>	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 8-17-04 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-4 Date Monitored: 8-17-04 Well Condition: G-009
 Well Diameter: 2 in.
 Total Depth: 28.25 ft.
 Depth to Water: 25.45 ft.
2.80 xVF .17 = .47 x3 case volume = Estimated Purge Volume: 2.38 gal.

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

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump ✓
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer ✓
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1133 Weather Conditions: SUNNY
 Sample Time/Date: 1252 / 8-17-04 Water Color: LT. Grey Odor: Yes
 Purging Flow Rate: .50 gpm. Sediment Description: S. SILTY
 Did well de-water? Yes If yes, Time: 1135 Volume: .50 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°C/°F)	D.O. (mg/L)	ORP (mV)
<u>1134</u>	<u>.40</u>	<u>7.21</u>	<u>174.5</u>	<u>21.2</u>		
	<u>2.0</u>					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 8.17.04 (inclusive)
 City: Oakland, CA Sampler: ET

Well ID: MW-7 Date Monitored: 8.17.04 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 29.95 ft.
 Depth to Water: 27.88 ft.
2.07 xVF .17 = .35 x3 case volume = Estimated Purge Volume: 1.75 gal.

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

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump ✓
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer 1
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1145 Weather Conditions: SUNNY
 Sample Time/Date: 1310 / 8.17.04 Water Color: CLEAR Odor: YES
 Purging Flow Rate: .50 gpm. Sediment Description: _____
 Did well de-water? YES If yes, Time: 1148 Volume: .50 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1146</u>	<u>.40</u>	<u>7.36</u>	<u>220</u>	<u>22.1</u>		
	<u>2.0</u>					

LABORATORY INFORMATION

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

COMMENTS: _____

Add/Replaced Lock: ✓ Add/Replaced Plug: ✓ Size: 2"

Chevron California Region Analysis Request/Chain of Custody



081904-06

Acc. #: 10404 For Lancaster Laboratories use only
 Sample #: 4336212-07 scrip: 908715

Cambria MTI Project # 61D-1966

Facility #: SS#9-4800 G-R#386383 Global ID#T0600102078
 Site Address: 700 CASTRO STREET, OAKLAND, CA
 Chevron PMTI _____ Lead Consultant: CAMBRIA
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
 Consultant Phone: 925-551-7555 Fax: 925-551-7899
 Sampler: FRANK TERRINONI
 Service Order #: _____ Non SAR:

Analyses Requested

Preservation Codes	
H H	H
BTEX + MTBE 8280 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/>	SILICA GEL CLEANUP
TPH 8015 MOD GRO	5 SOXYS <u>MM 8/25/04</u>
TPH 8015 MOD DRO <input type="checkbox"/>	LEAD 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>
8280 ALL ean	ETHANOL (8260)

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

J value reporting needed
 Must meet lowest detection limits possible for 8280 compounds

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

Sample Identification	Date Collected	Time Collected	Grab	Composites	Matrix			Total Number of Containers	Analyses Requested								Comments / Remarks	
					Soil	Water	Air		BTEX + MTBE 8280	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8280 ALL ean	5 SOXYS	LEAD 7420	LEAD 7421	ETHANOL		
QA	8-17-04							2	X	X								analyze samples MW-4 and MW-7 for 5oxys per BH. MM 8/25/04
MW-1		1231	X					8	X	X	X							
MW-2		1103	X					8	X	X	X							
MW-3		1212	X					8	X	X	X							
MW-4		1252	X					8	X	X	X	X						
MW-7		1310	X					8	X	X	X	X	X					

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

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

Relinquished by: <u>Frank Terrinoni</u>	Date: <u>8/17/04</u>	Time: _____	Received by: <u>[Signature]</u>	Date: <u>8/19/04</u>	Time: <u>1017</u>	
Relinquished by: <u>[Signature]</u>	Date: <u>8/19/04</u>	Time: <u>1230</u>	Received by: <u>[Signature]</u>	Date: <u>8/19/04</u>	Time: <u>1730</u>	
Relinquished by: <u>[Signature]</u>	Date: <u>8/19/04</u>	Time: <u>1530</u>	Received by: <u>DHC</u>	Date: <u>8/17/04</u>	Time: _____	
Relinquished by Commercial Carrier: _____	UPS	FedEx	Other: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>8/20/04</u>	Time: <u>0845</u>
Temperature Upon Receipt: <u>15.7°C</u>	Custody Seal - Intact?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2661 • www.lancasterlabs.com

ANALYTICAL RESULTS

Prepared for:

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

Prepared by:

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

DATE RECEIVED: 8/20/04
TIME: 1:30 PM
GETTLER-RYAN, INC.
GENERAL CHEMISTRY

SAMPLE GROUP

The sample group for this submittal is 908745. Samples arrived at the laboratory on Friday, August 20, 2004. The PO# for this group is 99011184 and the release number is MT1.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-040817	NA Water	4335292
MW-1-W-040817	Grab Water	4335293
MW-2-W-040817	Grab Water	4335294
MW-3-W-040817	Grab Water	4335295
MW-4-W-040817	Grab Water	4335296
MW-7-W-040817	Grab Water	4335297

1 COPY TO Cambria C/O Gettler- Ryan
ELECTRONIC Gettler-Ryan
COPY TO

Attn: Deanna L. Harding
Attn: Cheryl Hansen



Analysis Report

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Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Victoria M. Martell".

Victoria M. Martell
Chemist



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4335292

QA-T-040817 NA Water
 Facility# 94800 Job# 386383 MTI# 61D-1966 GRD
 1700 Castro St-Oakland T0600102076 QA
 Collected: 08/17/2004

Account Number: 10904

Submitted: 08/20/2004 08:45
 Reported: 08/30/2004 at 14:22
 Discard: 09/30/2004

ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

CASQA

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/23/2004 16:28	Victoria M Martell	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/26/2004 14:48	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/23/2004 16:28	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/26/2004 14:48	Anita M Dale	n.a.



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4335293

MW-1-W-040817 Grab Water
 Facility# 94800 Job# 386383 MTI# 61D-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-1
 Collected: 08/17/2004 12:31 by FT

Account Number: 10904

Submitted: 08/20/2004 08:45
 Reported: 08/30/2004 at 14:22
 Discard: 09/30/2004

ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

CASMI

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	500.	50.	ug/l	1
	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	860.	50.	ug/l	1
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	76.	0.5	ug/l	1
05401	Benzene	71-43-2	44.	0.5	ug/l	1
05407	Toluene	108-88-3	5.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	12.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	54.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/24/2004 11:55	Victoria M Martell	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	08/23/2004 20:56	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/25/2004 13:14	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/24/2004 11:55	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/25/2004 13:14	Anita M Dale	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/21/2004 03:30	Deborah A Stasiak- Birkenbine	1

Lancaster Laboratories Sample No. WW 4335294

 MW-2-W-040817 Grab Water
 Facility# 94800 Job# 386383 MTI# 61D-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-2
 Collected: 08/17/2004 11:03 by FT

Account Number: 10904

 Submitted: 08/20/2004 08:45
 Reported: 08/30/2004 at 14:22
 Discard: 09/30/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

CASM2

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	300.	Detection Limit 50.	ug/l	1
	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	400.	50.	ug/l	1
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	340.	3.	ug/l	5
05401	Benzene	71-43-2	9.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	18.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/24/2004 15:07	Victoria M Martell	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	08/23/2004 20:08	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/25/2004 13:41	Anita M Dale	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/25/2004 14:06	Anita M Dale	5
01146	GC VOA Water Prep	SW-846 5030E	1	08/24/2004 15:07	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030E	1	08/25/2004 13:41	Anita M Dale	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/21/2004 03:30	Deborah A Stasiak-Birkenbine	1

Lancaster Laboratories Sample No. WW 4335295

 MW-3-W-040817 Grab Water
 Facility# 94800 Job# 386383 MTI# 61D-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-3
 Collected: 08/17/2004 12:12 by PT

Account Number: 10904

 Submitted: 08/20/2004 08:45
 Reported: 08/30/2004 at 14:22
 Discard: 09/30/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

CASM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	630.		50.	ug/l	1
	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.						
05553	TPH - DRO CA LUFT (Waters)	n.a.	110.		50.	ug/l	1
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	410.		5.	ug/l	10
05401	Benzene	71-43-2	84.		0.5	ug/l	1
05407	Toluene	108-88-3	18.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	11.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	35.		0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/24/2004 15:36	Victoria M Martell	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	08/23/2004 21:20	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/25/2004 14:33	Anita M Dale	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/25/2004 14:58	Anita M Dale	10
01146	GC VOA Water Prep	SW-846 5030B	1	08/24/2004 15:36	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/25/2004 14:33	Anita M Dale	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/21/2004 03:30	Deborah A Stasiak- Birkenbine	1

Lancaster Laboratories Sample No. WW 4335296

 MW-4-W-040817 Grab Water
 Facility# 94800 Job# 386383 MTI# 61D-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-4
 Collected: 08/17/2004 12:52 by FT

Account Number: 10904

 Submitted: 08/20/2004 08:45
 Reported: 08/30/2004 at 14:22
 Discard: 09/30/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

CASM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	470.		50.	ug/l	1
	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.						
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,100.		50.	ug/l	2
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	370.		3.	ug/l	5
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	50.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	66.		5.	ug/l	1
05401	Benzene	71-43-2	12.		0.5	ug/l	1
05407	Toluene	108-88-3	1.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	28.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	4.		0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasline Method	1	08/24/2004 16:05		Victoria M Martell	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015E, Modified	1	08/24/2004 11:55		Tracy A Cole	2
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260E	1	08/25/2004 15:24		Anita M Dale	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260E	1	08/25/2004 15:51		Anita M Dale	5
01146	GC VOA Water Prep	SW-846 5030E	1	08/24/2004 16:05		Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030E	1	08/25/2004 15:24		Anita M Dale	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/21/2004 03:30		Deborah A Stasiak-Birkenbine	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4335297

MW-7-W-040817 Grab Water
 Facility# 94800 Job# 386383 MTI# 61D-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-7
 Collected:08/17/2004 13:10 by FT

Account Number: 10904

Submitted: 08/20/2004 08:45
 Reported: 08/30/2004 at 14:22
 Discard: 09/30/2004

ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

CASM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	130.	50.	ug/l	1
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.						
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,200.	130.	ug/l	5
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	8,000.	50.	ug/l	100
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	N.D.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	140.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	N.D.	50.	ug/l	10
05401	Benzene	71-43-2	N.D.	5.	ug/l	10
05407	Toluene	108-88-3	N.D.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	N.D.	5.	ug/l	10
06310	Xylene (Total)	1330-20-7	N.D.	5.	ug/l	10

Due to the level of methyl tertiary butyl ether, the reporting limits for all GC/MS volatile compounds were raised.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/24/2004 16:33	Victoria M Martell	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	08/24/2004 12:19	Tracy A Cole	5
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/26/2004 09:50	Anita M Dale	10
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/26/2004 10:16	Anita M Dale	100
01146	GC VOA Water Prep	SW-846 5030B	1	08/24/2004 16:33	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/26/2004 09:50	Anita M Dale	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/21/2004 03:30	Deborah A Stasiak-Birkenbine	1

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 08/30/04 at 02:23 PM

Group Number: 908745

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 042330006A TPH - DRO CA LUFT (Waters)	N.D.	50.	Sample number(s): 4335293-4335297 ug/l	104	86	61-126	18	20
Batch number: 04236A08E TPH-GRO - Waters	N.D.	50.	Sample number(s): 4335292 ug/l	99	100	70-130	1	30
Batch number: 04237A08A TPH-GRO - Waters	N.D.	50.	Sample number(s): 4335293 ug/l	93	101	70-130	8	30
Batch number: 04237A08E TPH-GRO - Waters	N.D.	50.	Sample number(s): 4335294-4335297 ug/l	93	101	70-130	8	30
Batch number: Z042381AA Ethanol	N.D.	50.	Sample number(s): 4335293-4335296 ug/l	100		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	88		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	93		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	90		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	86		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	83		57-141		
Benzene	N.D.	0.5	ug/l	94		85-117		
Toluene	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	92		83-113		
Batch number: Z042391AA Ethanol	N.D.	50.	Sample number(s): 4335297 ug/l	94		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	88		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	90		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	89		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	86		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	84		57-141		
Benzene	N.D.	0.5	ug/l	92		85-117		
Toluene	N.D.	0.5	ug/l	92		85-115		
Ethylbenzene	N.D.	0.5	ug/l	92		82-119		
Xylene (Total)	N.D.	0.5	ug/l	91		83-113		
Batch number: Z042392AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 4335292 ug/l	93		77-127		
Benzene	N.D.	0.5	ug/l	94		85-117		
Toluene	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	94		82-119		
Xylene (Total)	N.D.	0.5	ug/l	92		83-113		

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 08/30/04 at 02:23 PM

Group Number: 908745

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>FKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Batch number: 04236A08B TPH-GRO - Waters	Sample number(s): 4335292 107 63-154								
Batch number: 04237A08A TPH-GRO - Waters	Sample number(s): 4335293 117 63-154								
Batch number: 04237A08B TPH-GRO - Waters	Sample number(s): 4335294-4335297 117 63-154								
Batch number: Z042381AA	Sample number(s): 4335293-4335296								
Ethanol	102	100	33-153	2	30				
Methyl Tertiary Butyl Ether	88	89	69-134	1	30				
di-Isopropyl ether	95	97	75-130	3	30				
Ethyl t-butyl ether	90	91	78-119	2	30				
t-Amyl methyl ether	85	88	77-117	3	30				
t-Butyl alcohol	83	87	51-147	4	30				
Benzene	97	99	83-128	3	30				
Toluene	97	100	83-127	2	30				
Ethylbenzene	98	101	82-129	3	30				
Xylene (Total)	95	98	82-130	3	30				
Batch number: Z042391AA	Sample number(s): 4335297								
Ethanol	100	88	33-153	13	30				
Methyl Tertiary Butyl Ether	97	92	69-134	5	30				
di-Isopropyl ether	101	95	75-130	6	30				
Ethyl t-butyl ether	96	91	78-119	5	30				
t-Amyl methyl ether	95	89	77-117	6	30				
t-Butyl alcohol	97	91	51-147	2	30				
Benzene	103	98	83-128	6	30				
Toluene	104	99	83-127	5	30				
Ethylbenzene	103	98	82-129	5	30				
Xylene (Total)	102	95	82-130	7	30				
Batch number: Z042392AA	Sample number(s): 4335292								
Methyl Tertiary Butyl Ether	93	88	69-134	2	30				
Benzene	95	93	83-128	1	30				
Toluene	95	93	83-127	2	30				
Ethylbenzene	96	95	82-129	1	30				
Xylene (Total)	93	92	82-130	2	30				

Surrogate Quality Control

 Analysis Name: TPH - DRO CA LUFT (Waters)
 Batch number: 042330006A
 Orthoterphenyl

4335293	74
4335294	74
4335295	75
4335296	82
4335297	75

*- Outside of specification

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

Quality Control Summary

Client Name: ChevronTexaco c/o Cambria
Reported: 08/30/04 at 02:23 PM

Group Number: 908745

Surrogate Quality Control

Blank 76
LCS 99
LCSD 92

Limits: 57-128

Analysis Name: TPH-GRO - Waters
Batch number: 04236A08B
Trifluorotoluene-F

4335292 106
Blank 108
LCS 121
LCSD 117
MS 111

Limits: 57-146

Analysis Name: TPH-GRO - Waters
Batch number: 04237A08A
Trifluorotoluene-F

4335293 106
Blank 104
LCS 116
LCSD 116
MS 107

Limits: 57-146

Analysis Name: TPH-GRO - Waters
Batch number: 04237A08B
Trifluorotoluene-F

4335294 104
4335295 108
4335296 109
4335297 103
Blank 103
LCS 116
LCSD 116
MS 107

Limits: 57-146

Analysis Name: BTEX+5 Oxygenates+ETOH
Batch number: Z042381AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4335293	92	97	96	95
4335294	93	99	95	94
4335295	92	98	97	94
4335296	94	96	95	95
Blank	93	97	95	93
LCS	93	96	96	97
MS	93	97	96	97
MSD	93	97	96	96

*- 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.

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 08/30/04 at 02:23 PM

Group Number: 908745

Surrogate Quality Control

Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+5 Oxygenates+ETOH				
Batch number: Z042391AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4335297	96	99	96	93
Blank	94	98	96	93
LCS	93	96	95	95
MS	95	99	96	97
MSD	93	99	96	98

Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+MTBE by 8260B				
Batch number: Z042392AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4335292	101	106	99	95
Blank	100	104	99	95
LCS	98	101	99	100
MS	100	103	99	99
MSD	100	104	100	100

Limits:	81-120	82-112	85-112	83-113
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*- 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:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value - The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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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