

**Chevron Environmental
Management Company**
6001 Bollinger Canyon Rd, K2236
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-9559
Fax 925-842-8370

Dana Thurman
Project Manager

1603112

ChevronTexaco

June 27, 2005

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

Alameda County
JUN 30 2005
Environmental Health

Re: Chevron Service Station #9-4800

Address: 1700 Catro Street, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated June 8, 2005.

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,



Dana Thurman
Project Manager

Enclosure: Report



GETTLER-RYAN INC.

TRANSMITTAL

June 8, 2005
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: 61H-1966
RO 0000342

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	June 8, 2005	Groundwater Monitoring and Sampling Report Second Quarter - Event of May 6, 2005

COMMENTS:

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

Mr. Dana Thurman, ChevronTexaco Company, P.O. Box 6012, Room K2236, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **June 24, 2005**, 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-DT

6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



GETTLER-RYAN INC.

Mr. Dana Thurman
ChevronTexaco Company
P.O. Box 6012, Room K2236
San Ramon, CA 94583

June 8, 2005
G-R Job #386383

Alameda County
JUN 20 2005
Environmental Health

RE: Second Quarter Event of May 6, 2005
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Dear Mr. Thurman:

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.

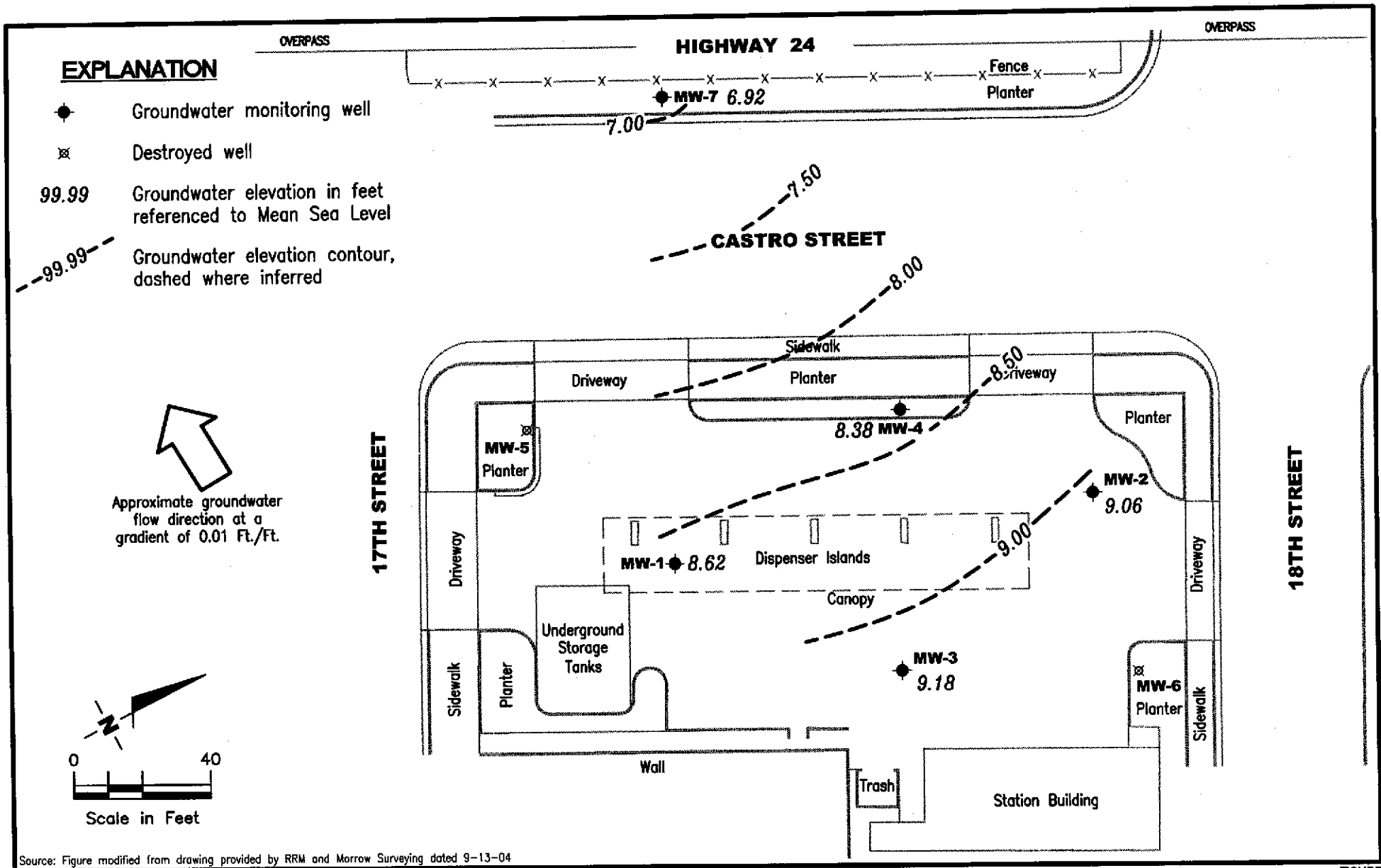
Sincerely,

Deanna L. Harding
Project Coordinator

Robert A. Lauritzen
Senior Geologist, P.G. No. 7504



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 Court, 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 May 6, 2005	REVISED DATE
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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
11/16/04 ¹⁴	34.01	7.85	26.16	<26	570	33	<0.5	14	53	48
02/18/05	34.01	8.25	25.76	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05 ¹⁴	34.01	8.62	25.39	110	170	13	<0.5	4	18	220

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	111.1	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
11/16/04 ¹⁴	32.59	8.14	24.45	4,300	10,000	91	7	830	1,300	1,100
02/18/05	32.59	8.67	23.92	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05 ¹⁴	32.59	9.06	23.53	1,300	4,900	62	4	290	320	400

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-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
11/16/04 ¹⁴	34.16	8.26	25.90	92	740	100	4	21	45	460
02/18/05	34.16	8.79	25.37	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05 ¹⁴	34.16	9.18	24.98	83	290	43	<1	6	11	740

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-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
11/16/04 ¹⁴	33.07	7.63	25.44	960	270	7	<0.5	7	6	270
02/18/05	33.07	8.07	25.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05¹⁴	33.07	8.38	24.69	350	86	0.7	<0.5	<0.5	<0.5	110
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

Table 1
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 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-7 (cont)										
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	8,000
11/16/04 ¹⁴	34.35	6.48	27.87	<50	200	<3	<3	<3	<3	7,300
02/18/05 ¹⁴	34.35	6.75	27.60	64	86	<10	<10	<10	<10	5,700
05/06/05¹⁴	34.35	6.92	27.43	60	160	<5	<5	<5	<5	8,400
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
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				--	--	--

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-5 (cont)										
08/17/04	30.93	TO BE DESTROYED		--	--	--	--	--	--	--
DESTROYED - 2005										
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
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		--	--	--	--	--	--	--
DESTROYED - 2005										
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

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)
TRIP BLANK (cont)										
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
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
11/16/04 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/18/05 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05 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	TPH-G = Total Petroleum Hydrocarbons as Gasoline B = Benzene	-- = Not Measured/Not Analyzed (ppb) = Parts per Billion
GWE = Groundwater Elevation (msl) = Mean sea level	T = Toluene E = Ethylbenzene	QA = Quality Assurance/Trip Blank
DTW = Depth to Water	X = Xylenes	
TPH-D = Total Petroleum Hydrocarbons as Diesel	MTBE = Methyl tertiary butyl ether	

* The following wells: MW-1, MW-2, MW-3, MW-4, and MW-7, were resurveyed by Morrow Surveying on September 13, 2004. 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	--	--	--
11/16/04	<50	--	48	--	--	--
05/06/05	<50	--	220	--	--	--
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	--	--	--
11/16/04	<100	--	1,100	--	--	--
05/06/05	<50	--	400	--	--	--
MW-3						
06/17/03	--	--	590	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY		--	--	--	--
12/31/03	66	--	670	--	--	--
08/17/04	<50	--	410	--	--	--
11/16/04	<50	--	460	--	--	--
05/06/05	<100	--	740	--	--	--
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		--	--	--	--

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-4 (cont)						
08/17/04	<50	66	370	<0.5	<0.5	50
11/16/04	<50	--	270	--	--	--
05/06/05	<50	21	110	<0.5	<0.5	8
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
11/16/04	<250	--	7,300	--	--	--
02/18/05	<1,000	--	5,700	--	--	--
05/06/05	<500	<50	8,400	<5	<5	140
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		--	--	--	--
DESTROYED - 2005						
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	--	--	--

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-6 (cont) 08/17/04 DESTROYED - 2005	TO BE DESTROYED	--	--	--	--	--

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: 5-6-05 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-1 Date Monitored: 5-6-05 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 30.84 ft.
 Depth to Water: 25.39 ft.
5.45 xVF .17 = .92 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): 1038 Weather Conditions: CLOUDY
 Sample Time/Date: 1100 / 5-6-05 Water Color: CLEAN Odor: YES
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (OF)	D.O. (mg/L)	ORP (mV)
<u>1041</u>	<u>1.0</u>	<u>6.84</u>	<u>414</u>	<u>19.7</u>	_____	_____
<u>1044</u>	<u>2.0</u>	<u>6.72</u>	<u>404</u>	<u>19.5</u>	_____	_____
<u>1047</u>	<u>3.0</u>	<u>6.59</u>	<u>400</u>	<u>19.5</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)

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: 5.6.05 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-2 Date Monitored: 5.6.05 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 30.26 ft.
 Depth to Water: 23.53 ft.
6.73 x VF .17 = 1.14 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): 1227 Weather Conditions: CLOUDY
 Sample Time/Date: 1247 / 5.6.05 Water Color: CLEAR Odor: 4x5/STRAWN
 Purging Flow Rate: 1 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>1230</u>	<u>1.0</u>	<u>6.88</u>	<u>386</u>	<u>21.1</u>	_____	_____
<u>1233</u>	<u>2.0</u>	<u>6.76</u>	<u>392</u>	<u>20.1</u>	_____	_____
<u>1237</u>	<u>3.0</u>	<u>6.57</u>	<u>390</u>	<u>20.2</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x 500ml Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
	<u>x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8260)/5 OXYS+ETHANOL(8260)</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: 5.6.05 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-3 Date Monitored: 5.6.05 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 30.39 ft.

Depth to Water: 24.98 ft.

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

5.41 xVF 17 = .91 x3 case volume= Estimated Purge Volume: 3.0 gal.

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): 1150 Weather Conditions: CLOUDY
 Sample Time/Date: 12:00 5.6.05 Water Color: CLEAR Odor: YES / STRONG
 Purging Flow Rate: 1 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>1153</u>	<u>1.0</u>	<u>6.45</u>	<u>453</u>	<u>20.4</u>	_____	_____
<u>1156</u>	<u>2.0</u>	<u>6.44</u>	<u>444</u>	<u>19.7</u>	_____	_____
<u>1159</u>	<u>3.0</u>	<u>6.40</u>	<u>448</u>	<u>20.1</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x 500ml Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
	<u>x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)</u>

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800
 Site Address: 1700 Castro Street
 City: Oakland, CA

Job Number: 386383
 Event Date: 5.6.05 (inclusive)
 Sampler: FT

Well ID: MW-4
 Well Diameter: 2 in.
 Total Depth: 29.03 ft.
 Depth to Water: 24.69 ft.
4.34

Date Monitored: 5.6.05 Well Condition: OK

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

4.34 x VF .17 = .73 x3 case volume = Estimated Purge Volume: 2.0 gal.

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): 1116 Weather Conditions: CLOUDY
 Sample Time/Date: 1132 / 5.6.05 Water Color: MILKY (V. LT. GRAY) Odor: YES
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1118</u>	<u>.75</u>	<u>6.78</u>	<u>353</u>	<u>19.5</u>	_____	_____
<u>1121</u>	<u>1.5</u>	<u>6.68</u>	<u>349</u>	<u>19.6</u>	_____	_____
<u>1123</u>	<u>2.0</u>	<u>6.58</u>	<u>347</u>	<u>19.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>1</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 500ml Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)</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: 5-6-05 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-7 Date Monitored: 5-6-05 Well Condition: ok
 Well Diameter: 2 in.
 Total Depth: 30.27 ft.
 Depth to Water: 27.43 ft.
2.84 xVF .17 = .48 x3 case volume= Estimated Purge Volume: 1.5 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): 1303 Weather Conditions: CLOUDY
 Sample Time/Date: 1324 5-6-05 Water Color: CLEAN Odor: YES
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1305</u>	<u>.50</u>	<u>7.24</u>	<u>456</u>	<u>20.8</u>	_____	_____
<u>1307</u>	<u>1.0</u>	<u>7.09</u>	<u>444</u>	<u>20.4</u>	_____	_____
<u>1310</u>	<u>1.5</u>	<u>6.83</u>	<u>435</u>	<u>20.2</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>1</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	<u>2</u> x 500ml Amber	YES	NP	LANCASTER	TPH-D
	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



050605-08

Acct. # 10904

For Lancaster Laboratories use only
Sample #: 4519900-05

SCR#: 942575

Cambria MTI Project # 61H-1986

Facility #: SS#9-4800 G-R#386383 Global ID#T0600102076
 Site Address: 1700 CASTRO STREET, OAKLAND, CA
 Chevron PM: MTI Lead Consultant: CAMBRIABE
 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 TELLINONI
 Service Order #: _____ Non SAR: _____

Matrix		Analyses Requested									
		Preservation Codes									
Soil	Water	Oil	Gas	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 ML scan	Lead 7420	ETHANOL (8260)
					2	X	X				
					8	X	X	X			X
					8	X	X	X			X
					8	X	X	X			X
					8	X	X	X	X		X
					8	X	X	X	X		X

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

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

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Gas	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 ML scan	Lead 7420	ETHANOL (8260)
QA	5-6-05									2	X	X				
MW-1		1100	X							8	X	X	X			X
MW-2		1247	X							8	X	X	X			X
MW-3		1210	X							8	X	X	X			X
MW-4		1132	X							8	X	X	X	X		X
MW-7		1321	X							8	X	X	X	X		X

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
 STD. TAT 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) Coelt Deliverable not needed
 WIP (RWQCB) **EDF/EDD**
 Disk

Relinquished by: <u>Frank Tellinoni</u>	Date: <u>5-6-05</u>	Time: <u>1430</u>	Received by: <u>Arches Amaya</u>	Date: <u>5-6-05</u>	Time: <u>1430</u>
Relinquished by: <u>Bernardo Amaya</u>	Date: <u>5/6/05</u>	Time: <u>1600</u>	Received by: <u>FedEx</u>	Date: <u>5/6/05</u>	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by Commercial Carrier: <u>FedEx</u>	Temperature Upon Receipt: <u>1.7</u> °C		Received by: <u>Jammy Pesta</u>	Date: <u>5/7/05</u>	Time: <u>1000</u>
			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2881 • 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

SAMPLE GROUP

The sample group for this submittal is 942575. Samples arrived at the laboratory on Saturday, May 07, 2005. The PO# for this group is 99011184 and the release number is MTI.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-050506	NA	Water	4519900
MW-1-W-050506	Grab	Water	4519901
MW-2-W-050506	Grab	Water	4519902
MW-3-W-050506	Grab	Water	4519903
MW-4-W-050506	Grab	Water	4519904
MW-7-W-050506	Grab	Water	4519905

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 "Dana M. Kauffman".

Dana M. Kauffman
Manager



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. **WW 4519900**

QA-T-050506 NA Water
Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
1700 Castro St-Oakland T0600102076 QA
Collected: 05/06/2005

Account Number: 10904

Submitted: 05/07/2005 10:00
Reported: 05/19/2005 at 14:58
Discard: 06/19/2005

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

CSOQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	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	108-86-3	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 Method	1	05/17/2005 12:51	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	05/17/2005 14:13	Ginelle L Haines	1
01146	GC VOA Water Prep	SW-846 5030B	2	05/17/2005 12:51	Michael F Barrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/17/2005 14:13	Ginelle L Haines	n.a.

Lancaster Laboratories Sample No. **WW 4519901**

 MW-1-W-050506 Grab Water
 Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-1
 Collected: 05/06/2005 11:00 by FT

Account Number: 10904

 Submitted: 05/07/2005 10:00
 Reported: 05/19/2005 at 14:58
 Discard: 06/19/2005

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

CS001

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters 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.	n.a.	170.	50.	ug/l	1
06609	TPH-DRO CALUFT(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	220.	2.	ug/l	4
05401	Benzene	71-43-2	13.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	4.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	18.	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	05/17/2005 09:18	Michael F Barrow	1
06609	TPH-DRO CALUFT(Waters)	Method CALUFT-DRO/8015B, Modified	1	05/17/2005 00:58	Tracy A Cole	1
01594	BTEX+5	SW-846 8260B	1	05/13/2005 01:35	Dawn M Harle	1
01594	Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	05/13/2005 01:56	Dawn M Harle	4
01146	BTEX+5	SW-846 5030B	3	05/17/2005 09:18	Michael F Barrow	1
01163	GC VOA Water Prep	SW-846 5030B	1	05/13/2005 01:35	Dawn M Harle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	05/13/2005 01:56	Dawn M Harle	n.a.
02135	GC/MS VOA Water Prep	SW-846 5030B	2	05/13/2005 01:56	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	05/16/2005 04:00	Eryn E Landis	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4519902

MW-2-W-050506 Grab Water
 Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-2
 Collected: 05/06/2005 12:47 by FT

Account Number: 10904

Submitted: 05/07/2005 10:00
 Reported: 05/19/2005 at 14:58
 Discard: 06/19/2005

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

CS002

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	4,900.	100.	ug/l	2
	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.					
06609	TPH-DRO CALUFT(Waters)	n.a.	1,300.	150.	ug/l	5
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	400.	3.	ug/l	5
05401	Benzene	71-43-2	62.	0.5	ug/l	1
05407	Toluene	108-88-3	4.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	290.	3.	ug/l	5
06310	Xylene (Total)	1330-20-7	320.	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	05/17/2005 22:01	Michael F Barrow	2
06609	TPH-DRO CALUFT(Waters)	Method CALUFT-DRO/8015B, Modified	1	05/17/2005 21:58	Tracy A Cole	5
01594	BTEX+5	SW-846 8260B	1	05/18/2005 06:49	Dawn M Harle	1
01594	Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	05/18/2005 07:13	Dawn M Harle	5
01146	BTEX+5	SW-846 8260B	1	05/18/2005 07:13	Dawn M Harle	n.a.
01146	Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	05/18/2005 07:13	Dawn M Harle	n.a.
01146	GC VOA Water Prep	SW-846 5030B	2	05/17/2005 22:01	Michael F Barrow	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/18/2005 06:49	Dawn M Harle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	05/18/2005 07:13	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	05/16/2005 04:00	Eryn E Landis	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4519903

MW-3-W-050506 Grab Water
 Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-3
 Collected: 05/06/2005 12:10 by FT

Account Number: 10904

Submitted: 05/07/2005 10:00
 Reported: 05/19/2005 at 14:58
 Discard: 06/19/2005

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

CSO03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	290.	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.						
06609	TPH-DRO CALUFT (Waters)	n.a.	83.	50.	ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	100.	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	740.	5.	ug/l	10
05401	Benzene	71-43-2	43.	1.	ug/l	2
05407	Toluene	108-88-3	N.D.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	6.	1.	ug/l	2
06310	Xylene (Total)	1330-20-7	11.	1.	ug/l	2
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	1	05/17/2005 15:15	Michael F Barrow	1
06609	TPH-DRO CALUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	05/17/2005 01:51	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	05/18/2005 07:37	Dawn M Harle	2
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	05/18/2005 08:01	Dawn M Harle	10
01146	GC VOA Water Prep	SW-846 5030B	2	05/17/2005 15:15	Michael F Barrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/18/2005 07:37	Dawn M Harle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	05/18/2005 08:01	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	05/16/2005 04:00	Eryn E Landis	1

Lancaster Laboratories Sample No. **WW 4519904**

 MW-4-W-050506 **Grab Water**
 Facility# 94800 Job# 386383 MTI# 61H-1966 **GRD**
 1700 Castro St-Oakland **T0600102076 MW-4**
 Collected: 05/06/2005 11:32 by FT

Account Number: 10904

 Submitted: 05/07/2005 10:00
 Reported: 05/19/2005 at 14:58
 Discard: 06/19/2005

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

CSO04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	86.	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.						
06609	TPH-DRO CALUFT(Waters)	n.a.	350.	50.		ug/l	1
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.	50.		ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	110.	0.5		ug/l	1
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	8.	0.5		ug/l	1
02015	t-Butyl alcohol	75-65-0	21.	5.		ug/l	1
05401	Benzene	71-43-2	0.7	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	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/17/2005 15:44		Michael F Barrow	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	05/17/2005 03:11		Tracy A Cole	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	05/17/2005 12:01		Ginelle L Haines	1
01146	GC VOA Water Prep	SW-846 5030B	2	05/17/2005 15:44		Michael F Barrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/17/2005 12:01		Ginelle L Haines	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	05/16/2005 04:00		Eryn E Landis	1

Lancaster Laboratories Sample No. WW 4519905

 MW-7-W-050506 Grab Water
 Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
 1700 Castro St-Oakland T0600102076 MW-7
 Collected: 05/06/2005 13:21 by FT

Account Number: 10904

 Submitted: 05/07/2005 10:00
 Reported: 05/19/2005 at 14:58
 Discard: 06/19/2005

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 Rocklin CA 95677

CS007

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	160.	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.						
06609	TPH-DRO CALUFT(Waters)	n.a.	60.	50.	ug/l	1
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	8,400.	25.	ug/l	50
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	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	05/17/2005 16:13	Michael F Barrow	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	05/17/2005 00:31	Tracy A Cole	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	05/17/2005 12:49	Ginelle L Haines	10
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	05/17/2005 13:13	Ginelle L Haines	50
01146	GC VOA Water Prep	SW-846 5030B	2	05/17/2005 16:13	Michael F Barrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/17/2005 12:49	Ginelle L Haines	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	05/17/2005 13:13	Ginelle L Haines	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	05/16/2005 04:00	Eryn E Landis	1

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 05/19/05 at 02:58 PM

Group Number: 942575

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 051330015A TPH-DRO CALUFT(Waters)	N.D.	29.	ug/l	88		64-125		
Batch number: 05137A08A TPH-GRO - Waters	N.D.	50.	ug/l	111	113	70-130	2	30
Batch number: 05137A08B TPH-GRO - Waters	N.D.	50.	ug/l	111	113	70-130	2	30
Batch number: 05137A08C TPH-GRO - Waters	N.D.	50.	ug/l	111	113	70-130	2	30
Batch number: Z051313AB Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95		77-127		
Benzene	N.D.	0.5	ug/l	97		85-117		
Toluene	N.D.	0.5	ug/l	102		85-115		
Ethylbenzene	N.D.	0.5	ug/l	103		82-119		
Xylene (Total)	N.D.	0.5	ug/l	107		83-113		
Batch number: Z051321AA Ethanol	N.D.	50.	ug/l	114		30-155		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		77-127		
Benzene	N.D.	0.5	ug/l	94		85-117		
Toluene	N.D.	0.5	ug/l	99		85-115		
Ethylbenzene	N.D.	0.5	ug/l	98		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		83-113		
Batch number: Z051371AA Ethanol	N.D.	50.	ug/l	92		30-155		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	90		77-127		
di-isopropyl ether	N.D.	0.5	ug/l	87		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	87		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	92		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	80		57-141		
Benzene	N.D.	0.5	ug/l	90		85-117		
Toluene	N.D.	0.5	ug/l	92		85-115		
Ethylbenzene	N.D.	0.5	ug/l	91		82-119		
Xylene (Total)	N.D.	0.5	ug/l	92		83-113		
Batch number: Z051373AA Ethanol	N.D.	50.	ug/l	104		30-155		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		77-127		
Benzene	N.D.	0.5	ug/l	95		85-117		
Toluene	N.D.	0.5	ug/l	98		85-115		

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 05/19/05 at 02:58 PM

Group Number: 942575

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>
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		83-113		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 051330015A TPH-DRO CALUFT(Waters)	Sample number(s): 4519901-4519905								
	75	88	59-128	11	20				
Batch number: 05137A08A TPH-GRO - Waters	Sample number(s): 4519901								
	115		63-154						
Batch number: 05137A08B TPH-GRO - Waters	Sample number(s): 4519900, 4519903-4519905								
	115		63-154						
Batch number: 05137A08C TPH-GRO - Waters	Sample number(s): 4519902								
	115		63-154						
Batch number: Z051313AB Methyl Tertiary Butyl Ether	Sample number(s): 4519900								
Benzene	91	102	69-134	8	30				
Toluene	93	104	83-128	11	30				
Ethylbenzene	96	110	83-127	13	30				
Xylene (Total)	87	100	82-129	13	30				
	91	105	82-130	13	30				
Batch number: Z051321AA Ethanol	Sample number(s): 4519901								
Methyl Tertiary Butyl Ether	114	115	26-153	1	30				
Benzene	91	92	69-134	1	30				
Toluene	97	98	83-128	0	30				
Ethylbenzene	104	102	83-127	1	30				
Xylene (Total)	102	102	82-129	0	30				
	102	102	82-130	0	30				
Batch number: Z051371AA Ethanol	Sample number(s): 4519904-4519905								
Methyl Tertiary Butyl Ether	98	99	26-153	2	30				
di-Isopropyl ether	91	91	69-134	0	30				
Ethyl t-butyl ether	92	91	75-130	1	30				
t-Amyl methyl ether	89	89	78-119	0	30				
t-Butyl alcohol	92	92	77-117	1	30				
Benzene	80	81	51-147	1	30				
Toluene	96	96	83-128	0	30				
Ethylbenzene	98	100	83-127	1	30				
Xylene (Total)	98	99	82-129	2	30				
	97	99	82-130	2	30				
Batch number: Z051373AA Ethanol	Sample number(s): 4519902-4519903								
Methyl Tertiary Butyl Ether	112	108	26-153	4	30				
Benzene	94	92	69-134	2	30				
Toluene	104	101	83-128	3	30				
Ethylbenzene	106	104	83-127	2	30				
	104	102	82-129	3	30				

*- Outside of specification

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

Client Name: ChevronTexaco c/o Cambria
Reported: 05/19/05 at 02:58 PM

Group Number: 942575

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS</u>	<u>MSD</u>	<u>MS/MSD</u>	<u>RPD</u>	<u>RPD</u>	<u>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>		<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Xylene (Total)	104	100	82-130	3	30				

Surrogate Quality Control

Analysis Name: TPH-DRO CALUFT(Waters)
Batch number: 051330015A
Orthoterphenyl

4519901	93
4519902	87
4519903	86
4519904	92
4519905	93
Blank	93
LCS	120
MS	104
MSD	104

Limits: 52-134

Analysis Name: TPH-GRO - Waters
Batch number: 05137A08A
Trifluorotoluene-F

4519901	97
Blank	95
LCS	101
LCSD	101
MS	102

Limits: 70-142

Analysis Name: TPH-GRO - Waters
Batch number: 05137A08B
Trifluorotoluene-F

4519900	98
4519903	97
4519904	97
4519905	106
Blank	99
LCS	101
LCSD	101
MS	102

Limits: 70-142

Analysis Name: TPH-GRO - Waters
Batch number: 05137A08C
Trifluorotoluene-F

4519902	100
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*- Outside of specification

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Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 05/19/05 at 02:58 PM

Group Number: 942575

Surrogate Quality Control

 Blank 100
 LCS 101
 LCSD 101
 MS 102

Limits: 70-142

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: Z051313AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4519900	94	91	97	89
Blank	96	95	97	90
LCS	94	85	91	87
MS	93	83	91	86
MSD	94	85	91	86

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

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
 Batch number: Z051321AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4519901	94	89	96	90
Blank	92	94	97	89
LCS	94	94	97	94
MS	93	91	96	92
MSD	93	90	97	93

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

 Analysis Name: BTEX+5 Oxygenates+ETOH
 Batch number: Z051371AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4519904	93	90	94	90
4519905	92	89	95	89
Blank	96	96	95	88
LCS	94	93	95	95
MS	93	90	94	91
MSD	92	91	95	94

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

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
 Batch number: Z051373AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4519902	91	89	96	94
4519903	92	88	98	90
Blank	90	88	97	90
LCS	90	87	97	92
MS	91	87	98	93
MSD	91	88	97	93

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

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Group Number: 942575

*- 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

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

Inorganic Qualifiers

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

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

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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