Ro 342

Chevron

Dana R. Thurman
Property Specialist
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Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
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Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

December 28, 2005

Re: Chevron Service Station # 9-4800

Address: 1700 Castro Street, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated December 12, 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

December 12, 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	December 12 2005	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of November 7, 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 ***December 27, 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.

December 12, 2005
G-R Job #386383

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

RE: Fourth Quarter Event of November 7, 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

PROFESSIONAL GEOLOGIST • ROBERT A. LAURITZEN • No. 7504 • STATE OF CALIFORNIA

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

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
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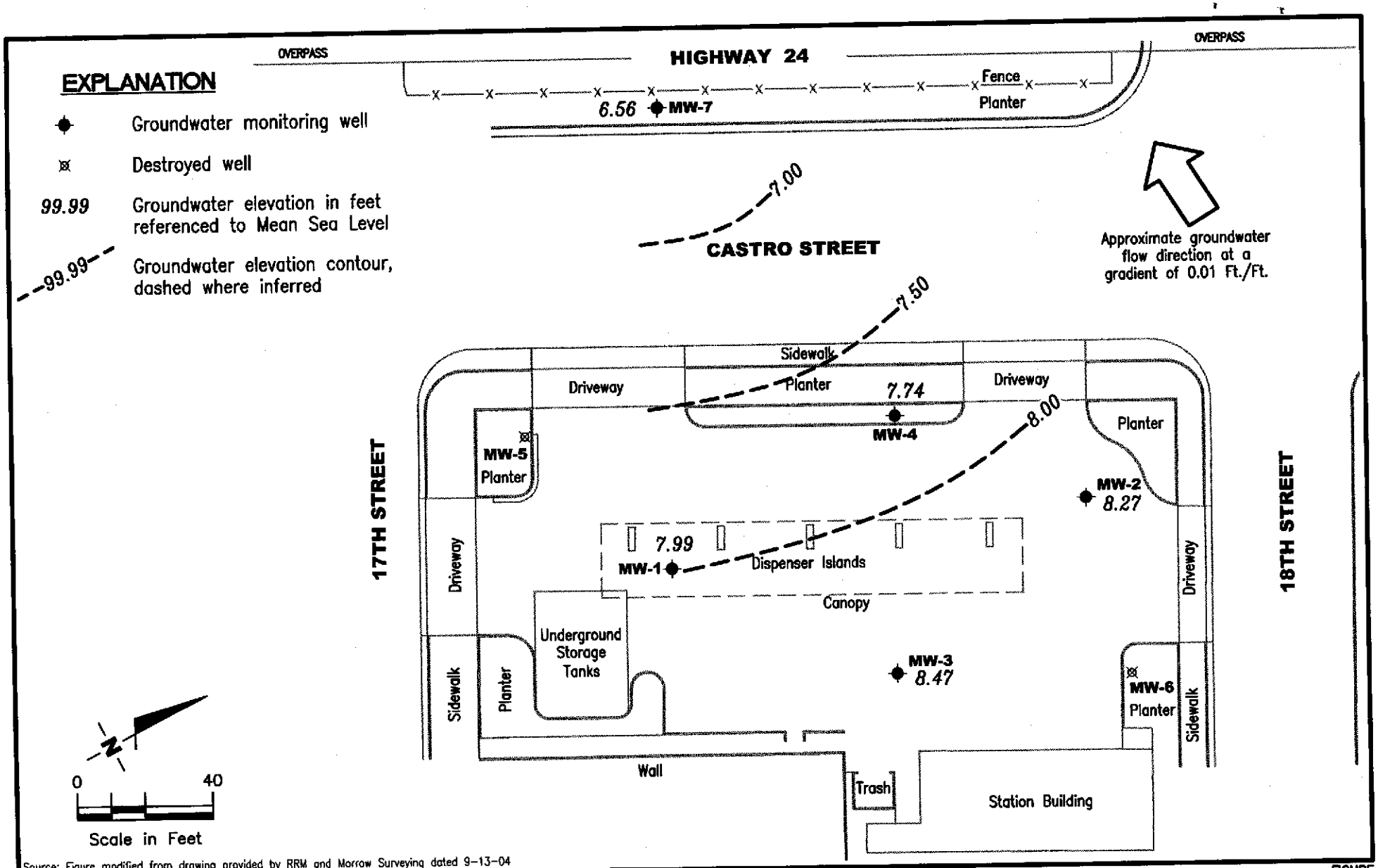

Source: Figure modified from drawing provided by RRM and Morrow Surveying dated 9-13-04

FIGURE 1

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

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386383		November 7, 2005	

FILE NAME: P:\Enviro\Chevron\9-4800\Q05-9-4800.dwg | Layout Tab: Pot4

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
08/05/05	34.01	8.31	25.70	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05[14]	**34.01**	**7.99**	**26.02**	**260[20]**	**180**	**7**	**<0.5**	**3**	**24**	**260**

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
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
08/05/05	32.59	8.61	23.98	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05[14]	**32.59**	**8.27**	**24.32**	**300[20]**	**800**	**2**	**<0.5**	**<0.5**	**<0.5**	**66**

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
08/05/05	34.16	8.81	25.35	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05[14]	**34.16**	**8.47**	**25.69**	**66**	**220**	**29**	**0.7**	**3**	**26**	**440**

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		--	--	--	--	--
05/06/05[14]	33.07	8.38	24.69	350	86	0.7	<0.5	<0.5	<0.5	110
08/05/05	33.07	8.05	25.02	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05[14]	**33.07**	**7.74**	**25.33**	**150**	**54**	**0.6**	**<0.5**	**<0.5**	**<0.5**	**59**
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]

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-7 (cont)										
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	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
05/06/05[14]	34.35	6.92	27.43	60	160	<5	<5	<5	<5	8,400
08/05/05[14]	34.35	6.70	27.65	81[18]	500	<5	<5	<5	<5	20,000[19]
11/07/05[14]	**34.35**	**6.56**	**27.79**	**68**	**300**	**<10**	**<10**	**<10**	**<10**	**24,000**
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		--	--	--	--	--

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)										
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		--	--	--	--	--	--	--
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

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)										
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
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
08/05/05[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/07/05[14]	--	--	--	--	**<50**	**0.6[19]**	**<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

* 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.
18 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
19 Analytical result confirmed.
20 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.

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	--	--	--
11/07/05	**<50**	--	**260**	--	--	--
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	--	--	--
11/07/05	**<50**	--	**66**	--	--	--
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	--	--	--
11/07/05	**<50**	--	**440**	--	--	--
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

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)						
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
11/16/04	<50	--	270	--	--	--
05/06/05	<50	21	110	<0.5	<0.5	8
11/07/05	**<50**	--	**59**	--	--	--
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
08/05/05	<500	--	20,000[1]	--	--	--
11/07/05	**<1,000**	--	**24,000**	--	--	--
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						

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						
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	--	--	--	--	--
DESTROYED - 2005						

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

[1] Analytical result confirmed.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
Site Address: 1700 Castro Street Event Date: 11-7-05 (inclusive)
City: Oakland, CA Sampler: Steve Hunter

Well ID MW-1 Date Monitored: 11/7/05 Well Condition: ok
Well Diameter 2 in.
Total Depth 30.84 ft.
Depth to Water 26.02 ft.

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

4.82 xVF .17 = 0.82 x3 case volume= Estimated Purge Volume: 2.46 gal.

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

Sampling Equipment:
Disposable Bailer X
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): 0740 Weather Conditions: Overcast
Sample Time/Date: 0805 / 11/7/05 Water Color: Clear Odor: NO
Purging Flow Rate: gpm. Sediment Description: Light
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0750	.75	7.88	871	17.7		
0753	1.50	7.70	503	17.4		
0755	2.25	7.69	459	17.4		

LABORATORY INFORMATION

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

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: 11-7-05 (inclusive)
City: Oakland, CA Sampler: Steve Hunter

Well ID MW- 2 Date Monitored: 11-7-05 Well Condition: ok
Well Diameter 2 in.
Total Depth 30.26 ft.
Depth to Water 24.32 ft.
5.94 xVF .17 = 1.09 x3 case volume= Estimated Purge Volume: 3.02 gal.

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

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

Sampling Equipment:
Disposable Bailer X
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): 0955 Weather Conditions: overcast
Sample Time/Date: 1025 / 11-7-05 Water Color: Clear Odor: NO
Purging Flow Rate: gpm. Sediment Description: NO
Did well de-water? NO If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
10:00	1	7.54	753	19.4		
10:05	2	7.34	799	19.7		
1010	3	7.31	719	19.9		

LABORATORY INFORMATION

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

COMMENTS: Lock rusty, would not close

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: 11-7-05 (inclusive)
City: Oakland, CA Sampler: Steve Hunter

Well ID MW-3 Date Monitored: 11-7-05 Well Condition: OK
Well Diameter 2 in.
Total Depth 30.39 ft.
Depth to Water 25.69 ft.
4.7 xVF .17 = .80 x3 case volume= Estimated Purge Volume: 2.40 gal.

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

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

Sampling Equipment:
Disposable Bailer X
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): 0850 Weather Conditions: overcast
Sample Time/Date: 0910 / 11-7-05 Water Color: clear Odor: NO
Purging Flow Rate: — gpm. Sediment Description: none
Did well de-water? NO If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0852	.75	7.53	1185	18.8		
0854	1.50	7.23	1118	19.3		
0856	2.25	7.22	1103	19.3		

LABORATORY INFORMATION

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

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: 11-7-05 (inclusive)
City: Oakland, CA Sampler: Steve Hunter

Well ID MW-4 Date Monitored: 11-7-05 Well Condition: OK
Well Diameter 2 in.
Total Depth 29.03 ft.
Depth to Water 25.35 ft.

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

3.68 xVF .17 = .62 x3 case volume= Estimated Purge Volume: 1.87 gal.

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

Sampling Equipment:
Disposable Bailer X
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): 0815 Weather Conditions: Overcast
Sample Time/Date: 0835 / 11-7-05 Water Color: Clear Odor: NO
Purging Flow Rate: — gpm. Sediment Description: Light
Did well de-water? NO If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0817	0.5	7.24	387711	18.8		
0820	1.0	7.26	769	19.0		
0823	1.5	7.26	768	19.1		

LABORATORY INFORMATION

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

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: 11-7-05 (inclusive)
City: Oakland, CA Sampler: Steve Hunter

Well ID MW-7 Date Monitored: 11-7-05 Well Condition: OK
Well Diameter 2 in.
Total Depth 30.27 ft.
Depth to Water 27.79 ft.

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

2.48 xVF .17 = .42 x3 case volume= Estimated Purge Volume: 1.26 gal.

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

Sampling Equipment:
Disposable Bailer X
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): 0920 Weather Conditions: overcast
Sample Time/Date: 0940 / 11-7-05 Water Color: clear Odor: NO
Purging Flow Rate: — gpm. Sediment Description: none
Did well de-water? NO If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0923	.5	7.17	1093	19.5		
0925	1.00	7.10	1073	19.4		
0927	1.25	7.11	10.80	19.4		

LABORATORY INFORMATION

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

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only — Group# 9668666
Acct. #: 10904 — Sample #: 464843-48 — SCR#:

110905-05

Cambria MTI Project #: 61H-1966

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: Steve Hunter
Service Order #: ____ ☐ Non SAR: ____

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl — T = Thiosulfate
N = HNO_3 — B = NaOH
S = H_2SO_4 — 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	Matrix: Soil	Matrix: Water (Potable ☐ NPDES ☐)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ____	Lead 7420 ☐ 7421 ☐	Ethanol (8260)
QA	11-7-05		X			X		2	X	X					
MW-1	11-7-05	0805	X			X		8	X	X	X				X
~~MW-2~~	~~11-7-05~~	~~0955~~	~~X~~			~~X~~		~~8~~	~~X~~		~~X~~				~~X~~
MW-3	11-7-05	0910	X			X		8	X	X	X				X
MW-4	11-7-05	0835	X			X		8	X	X	X				X
MW-2	11-7-05	1025	X			X		8	X	X	X				X
MW-7	11-7-05	0940	X			X		8	X	X	X				X

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT (circled) — 72 hour — 48 hour
24 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)
Disk
EDF/EDD

	Relinquished by:	Date	Time	Received by:	Date	Time
1		11-7-05	1200		11/9/05	
2		11/9/05			11-9-05	1130
3		11/9/05	1530		11/9/05	
4	Relinquished by Commercial Carrier: UPS (FedEx) Other ____				11/10/05	0915

Temperature Upon Receipt 1.9° - 9.1° C°
Custody Seals Intact? Yes (circled) No

3460 Rev. 7/30/01

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco c/o Cambria
Suite 12
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 966866. Samples arrived at the laboratory on Thursday, November 10, 2005. The PO# for this group is 99011184 and the release number is MTI.

Client Description			Lancaster Labs Number
QA-T-051107	NA	Water	4644843
MW-1-W-051107	Grab	Water	4644844
MW-3-W-051107	Grab	Water	4644845
MW-4-W-051107	Grab	Water	4644846
MW-2-W-051107	Grab	Water	4644847
MW-7-W-051107	Grab	Water	4644848

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4644843

QA-T-051107 NA Water
Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
1700 Castro St-Oakland T0600102076 QA
Collected:11/07/2005

Submitted: 11/10/2005 09:15
Reported: 11/20/2005 at 15:41
Discard: 12/21/2005

Account Number: 10904

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

CASQA

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. The GC Volatile analysis was performed from a previously opened vial with headspace.					
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	0.6	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
	The trip blank results were investigated and the source of contamination did not occur during analysis.					

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 GRO	1	11/14/2005 15:30	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/16/2005 14:07	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2005 15:30	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/16/2005 14:07	Ginelle L Feister	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4644844

MW-1-W-051107 Grab Water
Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
1700 Castro St-Oakland T0600102076 MW-1
Collected:11/07/2005 08:05 by SH

Account Number: 10904

Submitted: 11/10/2005 09:15
Reported: 11/20/2005 at 15:41
Discard: 12/21/2005

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

CASM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	180.	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.	260.	50.	ug/l	1
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	260.	0.5	ug/l	1
05401	Benzene	71-43-2	7.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	3.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	24.	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 GRO	1	11/14/2005 23:11	Steven A Skiles	1
06609	TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846 8015B mod	1	11/17/2005 15:10	Tracy A Cole	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/16/2005 01:40	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2005 23:11	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/16/2005 01:40	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	11/16/2005 02:30	Sherry L Morrow	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4644847

MW-2-W-051107 Grab Water
Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
1700 Castro St-Oakland T0600102076 MW-2
Collected:11/07/2005 10:25 by SH

Account Number: 10904

Submitted: 11/10/2005 09:15
Reported: 11/20/2005 at 15:41
Discard: 12/21/2005

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

CASM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	800.	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.	300.	50.	ug/l	1
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	66.	0.5	ug/l	1
05401	Benzene	71-43-2	2.	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 Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	11/15/2005 00:57	Steven A Skiles	1
06609	TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846 8015B mod	1	11/16/2005 16:19	Tracy A Cole	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/16/2005 03:16	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/15/2005 00:57	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/16/2005 03:16	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	11/16/2005 02:30	Sherry L Morrow	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4644845

MW-3-W-051107 Grab Water
Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
1700 Castro St-Oakland T0600102076 MW-3
Collected:11/07/2005 09:10 by SH

Account Number: 10904

Submitted: 11/10/2005 09:15
Reported: 11/20/2005 at 15:41
Discard: 12/21/2005

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

CASM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	220.	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.	66.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	440.	0.5	ug/l	1
05401	Benzene	71-43-2	29.	0.5	ug/l	1
05407	Toluene	108-88-3	0.7	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	3.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	26.	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 GRO	1	11/14/2005 23:47	Steven A Skiles	1
06609	TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846 8015B mod	1	11/16/2005 15:55	Tracy A Cole	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/16/2005 02:04	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2005 23:47	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/16/2005 02:04	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	11/16/2005 02:30	Sherry L Morrow	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4644846

MW-4-W-051107 Grab Water
Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
1700 Castro St-Oakland T0600102076 MW-4
Collected:11/07/2005 08:35 by SH

Account Number: 10904

Submitted: 11/10/2005 09:15
Reported: 11/20/2005 at 15:41
Discard: 12/21/2005

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

CASM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	54.	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.	150.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	59.	0.5	ug/l	1
05401	Benzene	71-43-2	0.6	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 Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	11/15/2005 00:22	Steven A Skiles	1
06609	TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846 8015B mod	1	11/16/2005 11:11	Tracy A Cole	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/16/2005 02:52	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/15/2005 00:22	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/16/2005 02:52	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	11/16/2005 02:30	Sherry L Morrow	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4644848

MW-7-W-051107 Grab Water
Facility# 94800 Job# 386383 MTI# 61H-1966 GRD
1700 Castro St-Oakland T0600102076 MW-7
Collected:11/07/2005 09:40 by SH

Account Number: 10904

Submitted: 11/10/2005 09:15
Reported: 11/20/2005 at 15:41
Discard: 12/21/2005

ChevronTexaco c/o Cambria
Suite 12
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.	300.	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. The GC Volatile analysis was performed from a previously opened vial with headspace.					
06609	TPH-DRO CALUFT(Waters)	n.a.	68.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	1,000.	ug/l	20
02010	Methyl Tertiary Butyl Ether	1634-04-4	24,000.	50.	ug/l	100
05401	Benzene	71-43-2	N.D.	10.	ug/l	20
05407	Toluene	108-88-3	N.D.	10.	ug/l	20
05415	Ethylbenzene	100-41-4	N.D.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	N.D.	10.	ug/l	20
	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 GRO	1	11/15/2005 01:33	Steven A Skiles	1
06609	TPH-DRO CALUFT(Waters)	CA LUFT DRO/SW-846 8015B mod	1	11/16/2005 11:35	Tracy A Cole	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/16/2005 03:40	Dawn M Harle	20
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/16/2005 04:04	Dawn M Harle	100
01146	GC VOA Water Prep	SW-846 5030B	2	11/12/2005 23:14	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/16/2005 03:40	Dawn M Harle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	11/16/2005 04:04	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	11/16/2005 02:30	Sherry L Morrow	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco c/o Cambria
Reported: 11/20/05 at 03:41 PM

Group Number: 966866

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: 05316A07B	Sample number(s): 4644843-4644848							
TPH-GRO - Waters	N.D.	50.	ug/l	89	93	70-130	5	30
Batch number: 053190011A	Sample number(s): 4644844-4644848							
TPH-DRO CALUFT(Waters)	N.D.	50.	ug/l	90	93	59-131	3	20
Batch number: Z053193AA	Sample number(s): 4644844-4644848							
Ethanol	N.D.	50.	ug/l	109		30-155		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	100		85-115		
Ethylbenzene	N.D.	0.5	ug/l	101		82-119		
Xylene (Total)	N.D.	0.5	ug/l	102		83-113		
Batch number: Z053202AA	Sample number(s): 4644843							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95		77-127		
Benzene	N.D.	0.5	ug/l	89		85-117		
Toluene	N.D.	0.5	ug/l	95		85-115		
Ethylbenzene	N.D.	0.5	ug/l	97		82-119		
Xylene (Total)	N.D.	0.5	ug/l	98		83-113		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Z053193AA	Sample number(s): 4644844-4644848								
Ethanol	111	106	26-162	5	30				
Methyl Tertiary Butyl Ether	100	99	69-134	1	30				
Benzene	106	105	83-128	1	30				
Toluene	108	106	83-127	1	30				
Ethylbenzene	108	107	82-129	1	30				
Xylene (Total)	109	108	82-130	0	30				
Batch number: Z053202AA	Sample number(s): 4644843								
Methyl Tertiary Butyl Ether	101	99	69-134	2	30				
Benzene	97	95	83-128	3	30				
Toluene	105	102	83-127	3	30				
Ethylbenzene	106	104	82-129	2	30				
Xylene (Total)	106	104	82-130	2	30				

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

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco c/o Cambria
Reported: 11/20/05 at 03:41 PM

Group Number: 966866

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 05316A07B

	Trifluorotoluene-F
4644843	88
4644844	98
4644845	90
4644846	92
4644847	92
464484B	92
Blank	88
LCS	98
LCSD	96
Limits:	63-135

Analysis Name: TPH-DRO CALUFT(Waters)
Batch number: 053190011A

	Orthoterphenyl
4644844	102
4644845	95
4644846	88
4644847	89
4644848	98
Blank	87
LCS	79
LCSD	81
Limits:	59-131

Analysis Name: BTEX, MTBE, ETOH
Batch number: Z053193AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4644844	90	88	90	92
4644845	90	88	93	93
4644846	91	88	91	92
4644847	91	88	91	92
4644848	89	87	93	92
Blank	89	87	94	94
LCS	89	87	94	94
MS	90	88	94	93
MSD	90	87	94	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z053202AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4644843	97	95	99	97
Blank	96	94	99	97
LCS	96	94	99	97
MS	96	94	98	97
MSD	96	95	99	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
Group Number: 966866
Reported: 11/20/05 at 03:41 PM

Surrogate Quality Control

Limits:	80-116	77-113	80-113	78-113

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

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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 limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ 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 ≥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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