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GETTLER-RYAN INC.

TRANSMITTAL

January 13, 2003
G-R #386383

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
2680 Bishop Drive, Suite 290
San Ramon, CA 94583

CC: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

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

Alameda County
JAN 31 2003
Environmental Health

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	January 7, 2003	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 6, 2002

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **January 28, 2003**, at which time the final report will be distributed to the following:

cc: ~~Ms. Eva Chu, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577~~
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670

Enclosures



GETTLER - RYAN INC.

January 7, 2003
G-R Job #386383

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

RE: Fourth Quarter Event of December 6, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Dear Ms. Streich:

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

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist No. 7285

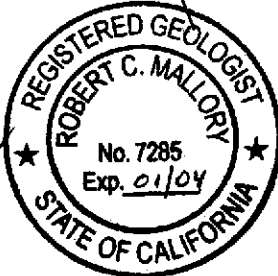
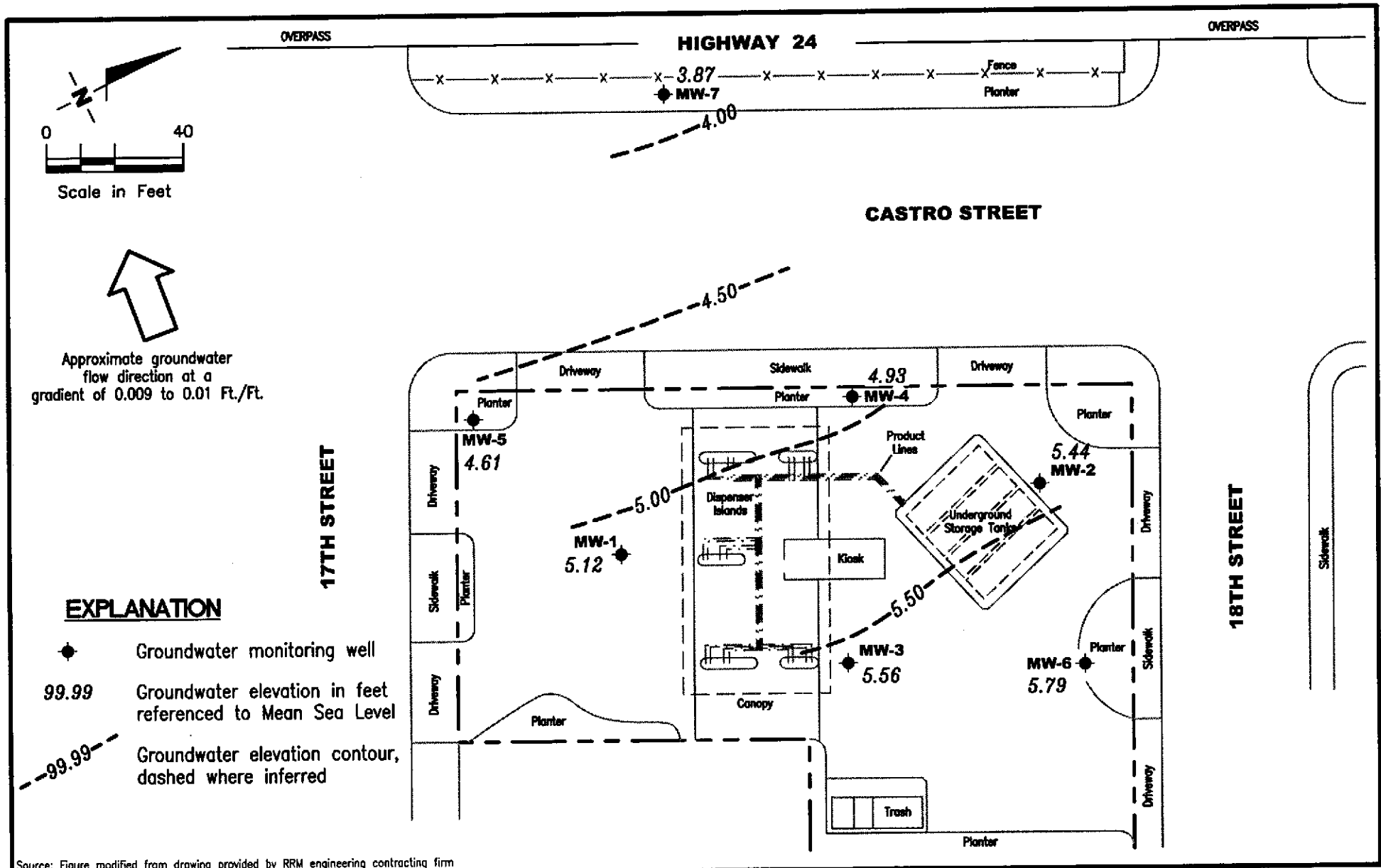


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by RRM engineering contracting firm

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

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

FIGURE

1

PROJECT NUMBER
 386383

REVIEWED BY

DATE
 December 6, 2002

REVISED DATE

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

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1										
06/04/97	30.75	4.39	25.82	71 ¹	890	100	110	29	150	<10
09/16/97	30.75	4.85	25.90	75 ¹	1,600	210	210	60	250	<10
12/17/97	30.75	4.88	25.87	65 ¹	940	120	100	41	160	<25
03/18/98	30.75	5.90	24.85	77 ¹	530	91	39	22	65	6.8
06/28/98	30.75	5.92	24.83	140 ¹	1,100	220	140	37	120	14
09/07/98	30.75	5.56	25.19	280 ¹	1,700	530	86	84	240	49
12/09/98	30.75	5.10	25.65	240 ¹	1,700	240	130	100	270	32
03/11/99	30.75	5.30	25.45	98 ¹	353	53.9	28.6	20.5	56.1	14.1
06/17/99	30.75	5.39	25.36	217 ¹	810	270	150	95	340	15
09/29/99	30.75	5.13	25.62	153 ¹	659	76	49.7	35.1	118	12.6
12/14/99	30.75	5.07	25.68	188 ^{1,2}	2,760	287	199	139	502	<12.5
03/09/00 ³	30.75	5.54	25.21	166 ¹	1,590	238	94.9	72.2	247	22.3
06/10/00	30.75	5.73	25.02	--	1,460	242	47.8	83.8	151	97.3
09/30/00	30.75	5.30	25.45	240 ⁷	650 ⁶	130	49	69	190	21
12/22/00	30.75	5.05	25.70	200 ⁹	640 ⁶	110	33	58	160	68
03/01/01	30.75	5.25	25.50	211 ⁷	1,500 ⁶	210	67.9	109	320	87.3
05/04/01	30.75	5.41	25.34	130 ⁷	991	127	32.6	73.0	137	95.4
09/05/01	30.75	5.16	25.59	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/21/01	30.75	5.17	25.58	210	2,000	220	16	110	400	34
03/15/02	30.75	5.60	25.15	--	--	--	--	--	--	--
06/15/02	30.75	5.49	25.26	140	350	54	0.61	12	40	130
09/06/02	30.75	5.26	25.49	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/06/02	30.75	5.12	25.63	2,900	900	71	2.1	39	150	34
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 ^d	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

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 (cont)										
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
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

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Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3 (cont)										
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
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

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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										
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 ^R	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/22/00	30.93	4.60	26.33	250 ^R	<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
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 ^R	<50	<0.50	<0.50	<0.50	<0.50	7.3
12/22/00	30.58	5.75	24.83	100 ^R	<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	--	--	--	--	--	--	--

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-6 (cont)										
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
MW-7										
05/04/01 ¹¹	31.90	4.03	27.87	<50	<50.0	<0.500	<5.00	<5.00	<5.00	567/470 ¹²
09/05/01	31.90	3.86	28.04	<50	<50	<0.50	<0.50	<0.50	<1.5	1,400/1,300 ¹²
12/21/01	31.90	3.04	28.86	210	<50	<0.50	<0.50	<0.50	<1.5	620/670 ¹²
03/15/02	31.90	4.18	27.72	<50	<50	<0.50	<0.50	<0.50	<1.5	320/350 ¹²
06/15/02	31.90	4.06	27.84	<50	<50	<0.50	<0.50	<0.50	<1.5	850/960 ¹²
09/06/02	31.90	3.93	27.97	<50	59	<0.50	<0.50	<0.50	<1.5	1,900
12/06/02	31.90	3.87	28.03	<50	68	<0.50	<0.50	<0.50	<1.5	2,200
TRIP BLANK										
06/04/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/17/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/18/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/09/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
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

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)
TRIP BLANK (cont)										
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

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

EXPLANATIONS:

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

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

-- = Not Measured/Not Analyzed

(ppb) = Parts per Billion

QA = Quality Assurance/Trip Blank

* TOC elevation was surveyed on April 11, 2001, by Virgil Chavez Land Surveying. The benchmark for the survey was the top of curb at the south end of the return at the southeast corner of Castro Street and 18th Street. (Benchmark Elevation = 29.65 feet, msl).

¹ Chromatogram pattern indicates an unidentified hydrocarbon.

² Sample was extracted outside EPA recommended holding time.

³ TPH-G, B, T, E, X 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.

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						
04/08/99	<25,000	<5000	5400	<100	<100	<100
06/15/02	--	840	2,400	<2	<2	110
MW-5						
04/08/99	<500	<100	<2.0	<2.0	<2.0	<2.0
MW-6						
04/08/99	<500	<100	5.6	<2.0	<2.0	<2.0
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

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

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

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

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

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 12-6-07 (inclusive)
 City: Oakland, CA Sampler: GR

Well ID: MW-1 Date Monitored: 12-6-07 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 29.90 ft.
 Depth to Water: 25.63 ft.
 Volume Factor (VF) table:

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

 $4.27 \times VF \ 0.17 = 0.73$ x3 (case volume) = Estimated Purge Volume: 2.5 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 Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 0815 Weather Conditions: Overcast
 Sample Time/Date: 0845 12-6-07 Water Color: Clear Odor: Yes
 Purging Flow Rate: _____ 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>0820</u>	<u>1</u>	<u>7.49</u>	<u>474</u>	<u>78.6</u>	_____	_____
<u>0825</u>	<u>2</u>	<u>7.43</u>	<u>466</u>	<u>78.6</u>	_____	_____
<u>0830</u>	<u>2.5</u>	<u>7.42</u>	<u>462</u>	<u>75.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-1</u>	<u>2</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 12-6-07 (inclusive)
 City: Oakland, CA Sampler: G.R.

Well ID: MW-2 Date Monitored: 12/6/07 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 29.65 ft.

Depth to Water: 24.56 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

$5.09 \times VF \ 0.17 = 0.87 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 2.5 \text{ gal.}$

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 Bailed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>0</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Product Transferred to:	_____

Start Time (purge): 0945 Weather Conditions: Overcast
 Sample Time/Date: 1025 12/6/07 Water Color: Clear Odor: yes
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 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)
<u>0955</u>	<u>1</u>	<u>7.24</u>	<u>452</u>	<u>29.9</u>	_____	_____
<u>1000</u>	<u>2</u>	<u>7.19</u>	<u>446</u>	<u>29.9</u>	_____	_____
<u>1005</u>	<u>2.5</u>	<u>7.18</u>	<u>443</u>	<u>29.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>3</u> x vovial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8021)</u>
<u>MW-2</u>	<u>2</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 12/6/07 (inclusive)
 City: Oakland, CA Sampler: GRL

Well ID: MW-3 Date Monitored: 12-6-07 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 29.41 ft.
 Depth to Water: 25.76 ft.
 $3.65 \times VF \ 0.17 = 0.62 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 1.5 \text{ gal.}$

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 Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 0130 Weather Conditions: Overcast
 Sample Time/Date: 0800 12/6/07 Water Color: Clear Odor: No
 Purging Flow Rate: _____ 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>0135</u>	<u>.5</u>	<u>7.44</u>	<u>499</u>	<u>28.4</u>	_____	_____
<u>0140</u>	<u>1.0</u>	<u>7.40</u>	<u>495</u>	<u>28.4</u>	_____	_____
<u>0145</u>	<u>1.5</u>	<u>7.38</u>	<u>493</u>	<u>28.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8021)</u>
<u>MW-3</u>	<u>✓</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 12-6-03 (inclusive)
 City: Oakland, CA Sampler: G.A.

Well ID: MW-4 Date Monitored: 12/6/03 Well Condition: _____
 Well Diameter: 2 in.
 Total Depth: 28.29 ft.
 Depth to Water: 25.20 ft.
 Volume Factor (VF) table:

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

 Estimated Purge Volume: $3.09 \times VF\ 0.17 = 0.53 \times 3 = 1.5$ 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 Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1040 Weather Conditions: Overcast
 Sample Time/Date: 1115 12-6-03 Water Color: Clear Odor: yes
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1050</u>	<u>.5</u>	<u>6.97</u>	<u>416</u>	<u>30.4</u>	_____	_____
<u>1055</u>	<u>1.0</u>	<u>6.93</u>	<u>399</u>	<u>30.4</u>	_____	_____
<u>1100</u>	<u>1.5</u>	<u>6.90</u>	<u>395</u>	<u>30.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-41</u>	<u>2</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 12/6/07 (inclusive)
 City: Oakland, CA Sampler: GR

Well ID: MW-5 Date Monitored: 12/6/07 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 27.95 ft.

Depth to Water: 26.32 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

1.63 xVF 0.17 = 0.28 x3 (case volume) = Estimated Purge Volume: 1 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailor
 Pressure Bailor _____
 Discrete Bailor _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 0615 Weather Conditions: Overcast

Sample Time/Date: 0640/12-6-07 Water Color: Clear Odor: NC

Purging Flow Rate: _____ gpm. Sediment Description: _____

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)
<u>0620</u>	<u>3</u>	<u>7.46</u>	<u>584</u>	<u>28.7</u>		
<u>0622</u>	<u>6</u>	<u>7.40</u>	<u>581</u>	<u>28.7</u>		
<u>0630</u>	<u>1.0</u>	<u>7.39</u>	<u>586</u>	<u>28.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-5</u>	<u>2</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS: Bailed slowly to avoid de-watering

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: 12/6/02 (inclusive)
 City: Oakland, CA Sampler: G.R.

Well ID: MW-6 Date Monitored: 12-6-02 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 28.06 ft.

Depth to Water: 24.79 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

3.27 x VF 0.17 = 0.56 x3 (case volume) = Estimated Purge Volume: 1.5 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 Bailed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>0</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Product Transferred to:	_____

Start Time (purge): 0650 Weather Conditions: Overcast
 Sample Time/Date: 0720 12/6/02 Water Color: Clear Odor: No
 Purging Flow Rate: — gpm. Sediment Description: _____
 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)
<u>0655</u>	<u>5</u>	<u>7.55</u>	<u>384</u>	<u>28.8</u>	_____	_____
<u>0700</u>	<u>1</u>	<u>7.50</u>	<u>376</u>	<u>28.8</u>	_____	_____
<u>0705</u>	<u>1.5</u>	<u>7.44</u>	<u>373</u>	<u>28.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>3</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-6</u>	<u>1</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 12-6-02 (inclusive)
 City: Oakland, CA Sampler: GA

Well ID: MW-7 Date Monitored: 12-6-02 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 3000 ft.
 Depth to Water: 2803 ft.
 $1.97 \times VF \ 0.17 = 0.33 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } \underline{1} \text{ gal.}$

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 Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description:
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 0900 Weather Conditions: Overcast
 Sample Time/Date: 0935 12-6-02 Water Color: Clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 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)
<u>0910</u>	<u>.3</u>	<u>7.19</u>	<u>501</u>	<u>29.2</u>		
<u>0915</u>	<u>.4</u>	<u>7.11</u>	<u>487</u>	<u>29.2</u>		
<u>0920</u>	<u>1.0</u>	<u>7.07</u>	<u>484</u>	<u>29.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-7</u>	<u>x amber</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Acct. #: 10905 Sample #: 3A56135-42 SCR#: _____

120602-010

Grp # 833689

Facility #: 9-4800 Job #386383 Global ID#T0600102076
 Site Address: 1700 CASTRO ST., OAKLAND, CA
 Chevron PM: KS Lead Consultant: Delta/G-R
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568
 Consultant Prj. Mgr.: Deanna L. Harding (Deanna@grinc.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: G. Rogers
 Service Order #: _____ Non SAR: _____

Matrix		Analyses Requested									
		Preservation Codes									
Soil	Water	Oil	Air	Total Number of Containers	H	H					
					<input type="checkbox"/> Potable <input type="checkbox"/> NPDES	<input type="checkbox"/> BTEX + MTBE 8260 <input type="checkbox"/> 8021	<input type="checkbox"/> TPH 8015 MOD GRO	<input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup	<input type="checkbox"/> 8260 full scan	<input type="checkbox"/> Oxygenates	<input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421

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	Air	Total Number of Containers	BTEX + MTBE 8260 <input type="checkbox"/> 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 <input type="checkbox"/> 7421								
																							QA
MW-1		0845	X		X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MW-2		1025	X		X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	
MW-3		0800	X		X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	
MW-4		1115	X		X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	
MW-5		0640	X		X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	
MW-6		0720	X		X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	
MW-7		0935	X		X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

STD. TAT 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

Relinquished by: <u>[Signature]</u>	Date: <u>12/6/02</u>	Time: <u>1210</u>	Received by: <u>[Signature]</u>	Date: <u>12/6/02</u>	Time: <u>1354</u>
Relinquished by: <u>[Signature]</u>	Date: <u>12/6/02</u>	Time: <u>1510</u>	Received by: <u>Anches Amoye</u>	Date: <u>12-6-02</u>	Time: <u>1510</u>
Relinquished by: <u>Anches Amoye</u>	Date: <u>12-6-02</u>	Time: <u>1610</u>	Received by: <u>Airborne</u>	Date: <u>12-6-02</u>	Time: _____
Relinquished by Commercial Carrier: <u>Airborne</u>	UPS	FedEx	Other: <u>Airborne</u>	Received by: <u>Denise Y. [Signature]</u>	Date: <u>12/7/02</u> Time: <u>1115</u>
Temperature Upon Receipt _____ °C			Custody Seals Intact? <u>Yes</u> No		



ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

RECEIVED

DEC 27 2002

GETTLER-RYAN INC.
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 833689. Samples arrived at the laboratory on Saturday, December 07, 2002. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-021206	NA	Water	3956135
MW-1-W-021206	Grab	Water	3956136
MW-2-W-021206	Grab	Water	3956137
MW-3-W-021206	Grab	Water	3956138
MW-4-W-021206	Grab	Water	3956139
MW-5-W-021206	Grab	Water	3956140
MW-6-W-021206	Grab	Water	3956141
MW-7-W-021206	Grab	Water	3956142

1 COPY TO Delta C/O Gettler-Ryan

Attn: Deanna L. Harding

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

Respectfully Submitted,

Michele M. Turner
Manager





Lancaster Laboratories Sample No. WW 3956135

Collected: 12/06/2002 00:00

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

QA-T-021206 NA Water
 Facility# 94800 Job# 386383 GRD
 1700 Castro St-Oakland T0600102076 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 17:01		Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 17:01		Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 17:01		Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



MEMBER
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2200 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956136

Collected: 12/06/2002 08:45 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

Reported: 12/24/2002 at 17:19

Discard: 01/24/2003

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-1-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-1

CSO-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,900.	250.	ug/l	10
According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	900.	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	71.	0.50	ug/l	1
00777	Toluene	108-88-3	2.1	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	39.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	150.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	34.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	--------	------------------------	---------	-----------------

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.

MEMBER
ACIL
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956136

Collected: 12/06/2002 08:45 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-1-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-1

CSO-1							
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/14/2002 22:59	Tracy A Cole	10	
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 12:01	Linda C Pape	1	
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 12:01	Linda C Pape	1	
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 12:01	Linda C Pape	n.a.	
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/11/2002 16:00	Elia R Botrous	1	

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3956137**

Collected: 12/06/2002 10:25 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15
 Reported: 12/24/2002 at 17:19
 Discard: 01/24/2003

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-2-W-021206 Grab Water GRD
 Facility# 94800 Job# 386383
 1700 Castro St-Oakland T0600102076 MW-2

CSO-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	730.	120.	ug/l	5
According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	780.	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	21.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	58.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	3.4	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	480.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.

MEMBER
ACIL
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956137

Collected: 12/06/2002 10:25 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

Reported: 12/24/2002 at 17:19

Discard: 01/24/2003

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-2-W-021206 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro St-Oakland T0600102076 MW-2

CSO-2							
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/15/2002 13:54	Tracy A Cole	5	
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 12:34	Linda C Pape	1	
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 12:34	Linda C Pape	1	
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 12:34	Linda C Pape	n.a.	
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/11/2002 16:00	Elia R Botrous	1	

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956138

Collected: 12/06/2002 08:00 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-3-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-3

CSO-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	160.	50.	ug/l	1
<p>According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	350.	50.	ug/l	1
<p>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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
06214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	60.	0.50	ug/l	1
00777	Toluene	108-88-3	1.3	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	11.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	32.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	530.	2.5	ug/l	1
<p>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956138

Collected: 12/06/2002 08:00 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-3-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-3

CSO-3							
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/14/2002 17:20	Tracy A Cole	1	
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 13:07	Linda C Pape	1	
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 13:07	Linda C Pape	1	
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 13:07	Linda C Pape	n.a.	
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/11/2002 16:00	Elia R Botrous	1	

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717.656.7200 Fax: 717.656.7681



Lancaster Laboratories Sample No. WW 3956139

Collected: 12/06/2002 11:15 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-4-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-4

CSO-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	1,400.	50.	ug/l	1
<p>According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	280.	50.	ug/l	1
<p>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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	3.6	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	1.7	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	730.	2.5	ug/l	1
<p>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	--------	------------------------	---------	-----------------

#=Laboratory Method Detection Limit exceeded target detection limit.

N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3956139**

Collected: 12/06/2002 11:15 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-4-W-021206

Grab Water

Facility# 94800 Job# 386383

GRD

1700 Castro St-Oakland T0600102076 MW-4

CSO-4							
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/14/2002 18:51	Tracy A Cole		1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 13:41	Melissa D Mann		1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 13:41	Melissa D Mann		1
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 13:41	Melissa D Mann		n.a.
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/11/2002 16:00	Elia R Botrous		1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717.655.7200 Fax: 717.655.7681



Lancaster Laboratories Sample No. WW 3956140

Collected: 12/06/2002 06:40 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-5-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-5

CSO-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	N.D.	50.	ug/l	1
<p>According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
<p>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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
<p>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	--------	------------------------	---------	-----------------

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956140

Collected: 12/06/2002 06:40 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-5-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-5

CSO-5							
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/14/2002 17:43	Tracy A Cole	1	
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 17:35	Melissa D Mann	1	
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 17:35	Melissa D Mann	1	
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 17:35	Melissa D Mann	n.a.	
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/11/2002 16:00	Elia R Botrous	1	

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956141

Collected: 12/06/2002 07:20 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-6-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-6

CSO-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	64.	50.	ug/l	1
<p>According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
<p>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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	5.0	2.5	ug/l	1
<p>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p>						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2900 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956141

Collected: 12/06/2002 07:20 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-6-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-6

CSO-6						
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/14/2002 18:06	Tracy A Cole	1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 18:08	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 18:08	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 18:08	Melissa D Mann	n.a.
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/11/2002 16:00	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit.



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717 656 2200 Fax 717 656 2601



Lancaster Laboratories Sample No. WW 3956142

Collected: 12/06/2002 09:35 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:20

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-7-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-7

CSO-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters) According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.	n.a.	N.D.	50.	ug/l	1
01729	TPH-GRO - Waters					
01730	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.	n.a.	68.	50.	ug/l	1
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.	1634-04-4	2,200.	2.5	ug/l	5

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3956142

Collected: 12/06/2002 09:35 by GR

Account Number: 10905

Submitted: 12/07/2002 11:15

ChevronTexaco

Reported: 12/24/2002 at 17:20

6001 Bollinger Canyon Rd L4310

Discard: 01/24/2003

San Ramon CA 94583

MW-7-W-021206 Grab Water

Facility# 94800 Job# 386383 GRD

1700 Castro St-Oakland T0600102076 MW-7

CSO-7

ID	Sample Description	Method	Count	Date/Time	Analyst	Count
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/14/2002 18:28	Tracy A Cole	1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/11/2002 14:48	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 14:14	Melissa D Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/11/2002 14:48	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/11/2002 14:14	Melissa D Mann	n.a.
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/11/2002 16:00	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717 656 2200 Fax 717 656 2681



Quality Control Summary

Client Name: ChevronTexaco
 Reported: 12/24/02 at 05:20 PM

Group Number: 833689

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 023440017A Sample number(s): 3956136-3956142								
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	91	95	54-120	4	20
Batch number: 02345A53A Sample number(s): 3956135-3956142								
Benzene	N.D.	.2	ug/l	91	91	80-118	0	30
Toluene	N.D.	.2	ug/l	99	99	82-119	0	30
Ethylbenzene	N.D.	.2	ug/l	94	95	81-119	1	30
Total Xylenes	N.D.	.6	ug/l	94	95	82-120	1	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	90	86	79-127	4	30
TPH-GRO - Waters	N.D.	50.	ug/l	94	97	74-116	3	30

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>MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 02345A53A Sample number(s): 3956135-3956142									
Benzene	103		83-130						
Toluene	110		87-129						
Ethylbenzene	106		86-133						
Total Xylenes	106		86-132						
Methyl tert-Butyl Ether	95		66-140						
TPH-GRO - Waters	111		74-132						

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)
 Batch number: 023440017A
 Orthoterphenyl

3956136	109
3956137	105
3956138	104
3956139	108
3956140	97
3956141	100
3956142	99
Blank	91

*- 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
Reported: 12/24/02 at 05:20 PM

Group Number: 833689

Surrogate Quality Control

LCS 89
LCSD 93

Limits: 59-139

Analysis Name: BTEX, MTBE (8021)
Batch number: 02345A53A

	Trifluorotoluene-F	Trifluorotoluene-P
3956135	106	95
3956136	107	99
3956137	100	92
3956138	100	93
3956139	103	90
3956140	103	96
3956141	105	94
3956142	106	91
Blank	110	96
LCS	109	97
LCSD	108	96
MS	105	96

Limits: 57-146

71-130

*- 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.



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
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717-656-2300 Fax: 717-656-2681