



GETTLER-RYAN INC.

TRANSMITTAL

Alameda County

JAN 03 2003

December 12, 2002

G-R #386433

Environmental Health

TO: Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

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**
#9-3322
7225 Bancroft Avenue
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	December 11, 2002	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of November 4, 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 **December 27, 2002**, at which time the final report will be distributed to the following:

- cc: Mr. Don Hwang, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 230, Alameda, CA 94502-6577
Mr. Greg Guss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
Mr. Amar Sidhu, 32875 Bluebird Loop, Fremont, CA 94555

Enclosures

trans/9-3322-ks



GETTLER-RYAN INC.

December 11, 2002
G-R Job #386433

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

RE: Fourth Quarter Event of November 4, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

Dear Ms. Streich:

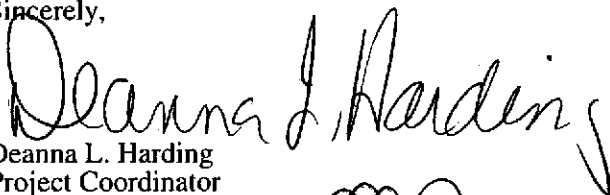
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

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

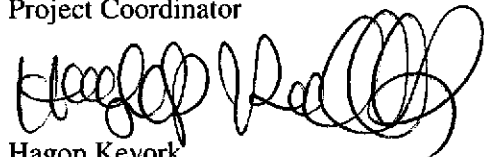
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are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

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

Sincerely,



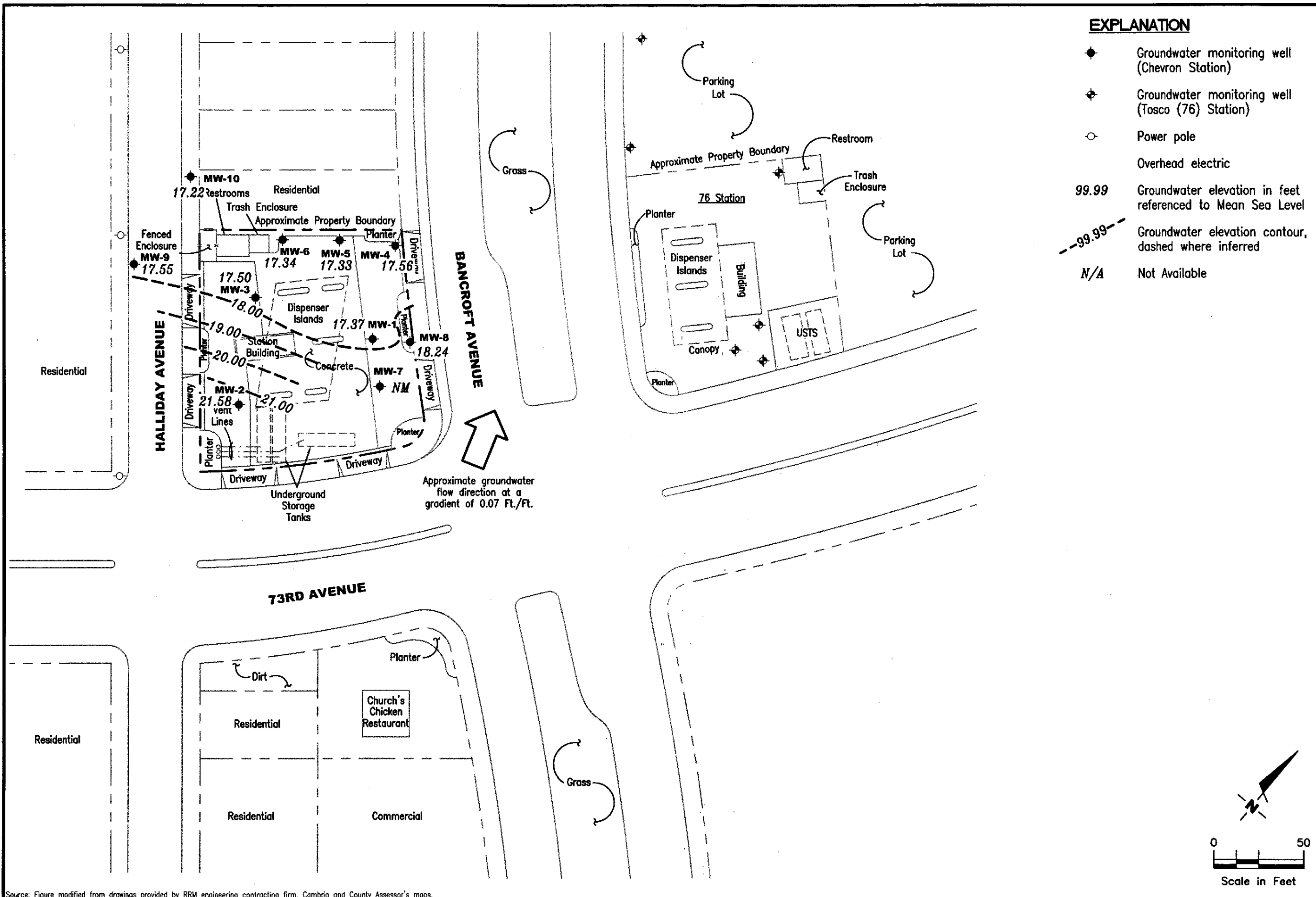
Deanna L. Harding
Project Coordinator



Hagop Kevork
P.E. No. C55734



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



EXPLANATION

- ◆ Groundwater monitoring well (Chevron Station)
- ◆ Groundwater monitoring well (Tosco (76) Station)
- Power pole
- Overhead electric
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- N/A Not Available

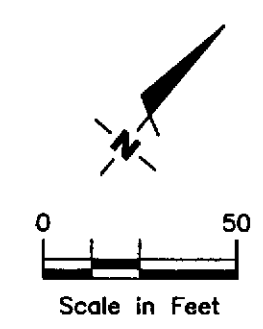


FIGURE 1

POTENTIOMETRIC MAP
 Chevron Service Station #9-3322
 7225 Bancroft Avenue
 Oakland, California

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

PROJECT NUMBER: 386433
 REVIEWED BY: [Signature]
 DATE: November 4, 2002
 REVISION DATE: [Blank]

Source: Figure modified from drawings provided by RRM engineering contracting firm, Cambria and County Assessor's maps.

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1											
02/08/98	40.41	26.53	13.88	--	--	130,000	9,700	8,200	3,200	15,000	<250
06/16/98	40.41	26.18	14.23	--	--	96,000	15,000	12,000	2,600	11,000	1,300
07/29/98	40.41	22.59	17.82	--	--	370,000	19,000	14,000	5,800	15,000	<2,500
08/13/98	40.41	22.01	18.40	--	--	120,000	19,000	16,000	2,900	14,000	<1,000
11/24/98	40.41	19.61	20.80	--	--	100,000	26,000	18,000	4,000	22,000	2,000
02/03/99	40.41	22.96	17.45	--	--	110,000	27,000	16,000	3,800	22,000	<2.5
06/07/99	40.41	24.29**	16.44	0.40	0.03	--	--	--	--	--	--
09/07/99	40.41	19.97**	20.71	0.34	0.01	--	--	--	--	--	--
10/27/99	40.41	18.93**	21.75	0.34	0.03	--	--	--	--	--	--
02/08/00	40.41	22.44	17.97	0.00	0.00	147,000	19,600	13,700	4,020	21,300	<2,500
05/05/00	40.41	24.36	16.05	0.00	0.00	150,000 ²	28,000	17,000	4,400	23,000	<1,000
07/28/00	40.41	21.21	19.20	0.00	0.00	76,000 ²	20,000	15,000	3,400	23,000	1,200
11/26/00	40.41	20.44**	20.18	0.26	0.26 ⁴	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/09/01	40.41	22.40**	18.03	0.03	0.26 ⁴	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/11/01	40.41	25.31	15.10	0.00	0.00	89,000 ²	21,000	12,000	3,200	14,000	<500
08/30/01	40.41	20.05**	20.42	0.07	0.26 ⁴	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/21/01	40.41	20.11**	20.52	0.27	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/05/02	40.41	25.79**	14.63	0.01	0.00	130,000	16,000	13,000	4,200	23,000	<30
04/01/02	37.40	25.03	12.37	0.00	0.00	--	--	--	--	--	--
08/05/02	37.40	24.46	12.94	0.00	0.00	230,000	12,000	9,000	5,500	28,000	280
11/04/02	37.40	17.37	20.03	0.00	0.00	130,000	24,000	15,000	3,900	20,000	<60
MW-2											
02/08/98	38.73	31.13	7.60	--	--	24,000	130	170	450	1,900	2,300
06/16/98	38.73	29.61	9.12	--	--	8,900	31	46	310	1,100	260
07/29/98	38.73	27.06	11.67	--	--	7,600	15	21	150	480	82
08/13/98	38.73	26.32	12.41	--	--	14,000	26	80	500	2,100	32
11/24/98	38.73	23.10	15.63	--	--	37,000	63	220	1,300	7,100	770
02/03/99	38.73	27.16	11.57	--	--	16,000	140	110	850	3,100	900
06/07/99	38.73	27.78	10.95	--	--	4,300	<10	<10	120	260	160

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)											
09/07/99	38.73	26.00	12.73	--	--	10,700	50.5	<25	297	1,020	<250
10/27/99	38.73	26.02	12.71	--	--	7,240	53.8	31.9	234	654	448
02/08/00	38.73	28.59	10.14	--	--	10,100	42.9	18.4	424	1,480	206
05/05/00	38.73	28.61	10.12	0.00	0.00	7,800 ²	34	22	320	1,100	170
07/28/00	38.73	26.16	12.57	0.00	0.00	6,700 ²	40	13	490	540	190
11/26/00	38.73	26.83	11.90	0.00	0.00	8,200 ²	21	9.5	400	1,100	120
02/09/01	38.73	26.53	12.20	0.00	0.00	11,200 ³	<50.0	<50.0	629	1,380	282
05/11/01	38.73	29.75	8.98	0.00	0.00	6,800 ²	39	19	370	1,100	67
08/30/01	38.73	25.83	12.90	0.00	0.00	17,000	67	<25	750	2,100	360
11/21/01	38.73	25.61	13.12	0.00	0.00	3,500	14	<5.0	100	51	610
02/05/02	38.73	30.38	8.35	0.00	0.00	10,000	5.5	<10	330	960	63
04/01/02	35.72	27.91	7.81	0.00	0.00	--	--	--	--	--	--
08/05/02	35.72	19.81	15.91	0.00	0.00	8,800	18	8.2	220	630	220
11/04/02	35.72	21.58	14.14	0.00	0.00	14,000	28	10	670	1,600	440
MW-3											
02/08/98	39.51	24.91	14.60	--	--	94,000	12,000	4,400	2,000	10,000	8,000
06/16/98	39.51	25.53	13.98	--	--	38,000	5,600	1,400	1,200	4,700	6,300/4,600 ¹
07/29/98	39.51	22.14	17.37	--	--	58,000	4,100	700	1,300	4,200	4,100
08/13/98	39.51	21.29	18.22	--	--	43,000	6,800	1,900	1,600	6,800	2,300
11/24/98	39.51	19.06	20.45	--	--	40,000	5,000	800	1,600	6,800	6,000/4,400 ¹
02/03/99	39.51	22.03	17.48	--	--	47,000	7,100	1,600	1,900	9,000	5,000
06/07/99	39.51	23.76	15.75	--	--	27,000	2,500	540	1,200	3,900	2,800
09/07/99	39.51	19.80	19.71	--	--	44,000	3,930	1,170	1,760	7,130	3,440
10/27/99	39.51	19.09	20.42	--	--	28,200	2,030	620	1,260	5,080	1,710
02/08/00	39.51	21.76	17.75	--	--	25,300	2,000	668	1,210	5,330	1,760
05/05/00	39.51	23.87	15.64	0.00	0.00	27,000 ²	2,600	960	1,500	5,200	2,500
07/28/00	39.51	21.28	18.23	0.00	0.00	7,400 ²	950	360	840	3,200	1,700
11/26/00	39.51	20.13	19.38	0.00	0.00	20,000 ²	1,800	690	1,400	5,500	1,600
02/09/01	39.51	21.79	17.72	0.00	0.00	31,200 ³	1,980	<50.0	1,770	7,220	2,170

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Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3 (cont)											
05/11/01	39.51	24.86	14.65	0.00	0.00	18,000 ²	3,000	780	1,600	5,500	1,800
08/30/01	39.51	20.16	19.35	0.00	0.00	9,400	570	180	610	1,900	880
11/21/01	39.51	19.47	20.04	0.00	0.00	29,000	1,100	450	1,500	6,100	1,200
02/05/02	39.51	25.42	14.09	0.00	0.00	16,000	820	210	830	2,400	1,100
04/01/02	36.53	24.32	12.21	0.00	0.00	--	--	--	--	--	--
08/05/02	36.53	22.22	14.31	0.00	0.00	11,000	310	92	380	820	830
11/04/02	36.53	17.50	19.03	0.00	0.00	32,000	1,900	540	1,800	5,900	1,500
MW-4											
02/02/99	40.24	27.07	13.17	--	--	<50	0.52	<0.5	<0.5	<0.5	6.0
06/07/99	40.24	23.83	16.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	40.24	19.34	20.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	40.24	18.65	21.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/08/00	40.24	23.08	17.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/05/00	40.24	24.22	16.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/28/00	40.24	21.12	19.12	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.24	20.32	19.92	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/09/01	40.24	22.79	17.45	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/11/01	40.24	25.22	15.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.24	19.91	20.33	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/21/01	40.24	20.49	19.75	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	40.24	26.18	14.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	37.29	25.23	12.06	0.00	0.00	--	--	--	--	--	--
08/05/02	37.29	20.24	17.05	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	37.29	17.56	19.73	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
MW-5											
02/02/99	40.37	21.57	18.80	--	--	72	2.7	<0.5	<0.5	<0.5	11
06/07/99	40.37	23.39	16.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	40.37	19.24	21.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.92
10/27/99	40.37	18.45	21.92	--	--	<50	2.39	<0.5	<0.5	<0.5	21.3
02/08/00	40.37	21.39	18.98	--	--	<50	10.6	<0.5	<0.5	<0.5	21.7
05/05/00	40.37	23.48	16.89	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	3.8
07/28/00	40.37	20.88	19.49	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.37	19.68	20.69	0.00	0.00	<50	0.57	<0.50	<0.50	<0.50	15
02/09/01	40.37	21.50	18.87	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	9.11
05/11/01	40.37	24.47	15.90	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.37	19.76	20.61	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	9.5
11/21/01	40.37	19.33	21.04	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	7.3
02/05/02	40.37	25.16	15.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	37.40	23.95	13.45	0.00	0.00	--	--	--	--	--	--
08/05/02	37.40	19.86	17.54	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.7
11/04/02	37.40	17.33	20.07	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.3
MW-6											
02/02/99	39.84	21.36	18.48	--	--	14,000	5,600	<50	150	160	<250
06/07/99	39.84	23.39	16.45	--	--	1,500	1,100	33	25	34	200
09/07/99	39.84	19.35	20.49	--	--	6,550	2,940	81.5	177	84	865
10/27/99	39.84	18.61	21.23	--	--	3,680	1,240	29.6	115	14.9	735
02/08/00	39.84	21.44	18.40	--	--	17,300	8,920	<100	378	211	2,610
05/05/00	39.84	23.48	16.36	0.00	0.00	4,200 ²	1,900	98	170	290	1,300
07/28/00	39.84	20.90	18.94	0.00	0.00	1,200 ²	660	30	83	36	650
11/26/00	39.84	19.71	20.13	0.00	0.00	7,600 ²	4,300	63	360	110	2,000
02/09/01	39.84	21.44	18.40	0.00	0.00	18,200 ³	7,090	<100	457	169	2,930
05/11/01	39.84	24.39	15.45	0.00	0.00	2,600 ²	2,300	31	88	40	990
08/30/01	39.84	19.82	20.02	0.00	0.00	2,500	1,600	50	160	100	1,900
11/21/01	39.84	19.22	20.62	0.00	0.00	25,000	8,800	150	620	330	2,900

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
MW-6 (cont)											
02/05/02	39.84	24.04	15.80	0.00	0.00	1,400	400	6.8	27	20	480
04/01/02	36.90	23.08	13.82	0.00	0.00	--	--	--	--	--	--
08/05/02	36.90	19.85	17.05	0.00	0.00	1,200	300	5.1	11	3.7	250
11/04/02	36.90	17.34	19.56	0.00	0.00	7,500	2,000	29	140	39	1,300
MW-8											
04/01/02 ⁶	37.21	26.11	11.10	0.00	0.00	1,200	8.6	<0.50	2.5	2.5	<2.5/<2 ⁵
08/05/02	37.21	21.07	16.14	0.00	0.00	560	11	<0.50	<0.50	<1.5	<2.5/<2 ⁵
11/04/02	37.21	18.24	18.97	0.00	0.00	780	5.1	<0.50	1.1	1.9	<2.5/<2⁵
MW-9											
04/01/02 ⁶	35.03	24.41	10.62	0.00	0.00	94	1.5	<0.50	<0.50	<1.5	25/19 ⁵
08/05/02	35.03	20.18	14.85	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	18/15 ⁵
11/04/02	35.03	17.55	17.48	0.00	0.00	<50	<0.50	1.7	<0.50	2.1	24/21⁵
MW-10											
04/01/02 ⁶	35.53	23.81	11.72	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.1/5 ⁵
08/05/02	35.53	19.73	15.80	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.1/5 ⁵
11/04/02	35.53	17.22	18.31	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.5/5⁵
TRIP BLANK											
02/08/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/13/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/24/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/02/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)											
02/03/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/08/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/11/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
11/21/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/04/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 5, 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

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed in April 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark designated 3787 in field book 1595, page 50; cut square northerly curb on Krause Ave., approx. 37 feet westerly of PL westerly of 73rd Ave., (Elevation = 33.82 feet).

** GWE corrected for the presence of free product; correction factor: $[(TOC - DTW) + (SPHT \times 0.8)]$.

1 Confirmation run.

2 Laboratory report indicates gasoline C6-C12.

3 Laboratory report indicates weathered gasoline C6-C12.

4 Product and water removed.

5 MTBE by EPA Method 8260.

6 Well development performed.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-8	04/01/02	<100	<2	<2	<2	<2
	08/05/02	<100	<2	<2	<2	<2
	11/04/02	<100	<2	<2	<2	<2
MW-9	04/01/02	<100	19	<2	<2	<2
	08/05/02	<100	15	<2	<2	<2
	11/04/02	<100	21	<2	<2	<2
MW-10	04/01/02	<100	5	<2	<2	<2
	08/05/02	<100	5	<2	<2	<2
	11/04/02	<100	5	<2	<2	<2

EXPLANATIONS:

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

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

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 #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K Kelly

Well ID: MW-1 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 33.78 ft.
 Depth to Water: 20.03 ft.
13.75 xVF 0.17 = 2.33 x3 (case volume) = Estimated Purge Volume: 7.01 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: _____ 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): 1551 Weather Conditions: overcast / clear
 Sample Time/Date: 1604 11-4-02 Water Color: clear Odor: yes
 Purging Flow Rate: 2.5 gpm. Sediment Description: -
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1553</u>	<u>2.25</u>	<u>6.97</u>	<u>686</u>	<u>20.5</u>		
<u>1554</u>	<u>4.50</u>	<u>7.55</u>	<u>810</u>	<u>21.1</u>		
<u>1557</u>	<u>7.0</u>	<u>7.72</u>	<u>795</u>	<u>23.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021) -OR-
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 5 OXYS(8260)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-2 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 29.78 ft.
 Depth to Water: 14.14 ft.
 $15.64 \times VF \ 0.17 = 2.65 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 7.97 \text{ gal.}$

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: _____ 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): 1446 Weather Conditions: overcast
 Sample Time/Date: 1504 11-4-02 Water Color: Black Odor: yes
 Purging Flow Rate: 2.5 gpm. Sediment Description: Black Spots
 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>1448</u>	<u>2.75</u>	<u>7.16</u>	<u>398</u>	<u>21.6</u>	_____	_____
<u>1450</u>	<u>5.5</u>	<u>7.04</u>	<u>393</u>	<u>22.5</u>	_____	_____
<u>1452</u>	<u>8.0</u>	<u>6.95</u>	<u>367</u>	<u>22.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8021)-OR-</u>
<u>MW-</u>	<u>_____</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8021)/</u> <u>5 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: ✓

Add/Replaced Plug: ✓ Size: 2inch



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-3 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 32.81 ft.
 Depth to Water: 19.03 ft.
13.78 x VF 0.17 = 2.34 x3 (case volume) = Estimated Purge Volume: 7.02 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: _____ 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): 1520 Weather Conditions: Overcast
 Sample Time/Date: 1540 11-4-02 Water Color: Cloudy Odor: Yes
 Purging Flow Rate: 2.5 gpm. Sediment Description: Grey Specs
 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>1522</u>	<u>2.25</u>	<u>7.05</u>	<u>648</u>	<u>22.3</u>		
<u>1524</u>	<u>4.5</u>	<u>6.81</u>	<u>580</u>	<u>21.8</u>		
<u>1526</u>	<u>7.0</u>	<u>6.78</u>	<u>622</u>	<u>22.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021) -OR-</u>
<u>MW-</u>	<u></u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/</u> <u>5 OXYS(8260)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-4
 Well Diameter: 2 in.
 Total Depth: 30.18 ft.
 Depth to Water: 19.73 ft.

Well Condition: OK

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

10.45 xVF 0.17 = 1.77 x3 (case volume) = Estimated Purge Volume: 5.30 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: _____ 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): 1123 Weather Conditions: overcast/clean
 Sample Time/Date: 1148 11-4-02 Water Color: cloudy Odor: No
 Purging Flow Rate: _____ gpm. Sediment Description: Silty
 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>1128</u>	<u>1.75</u>	<u>8.15</u>	<u>361</u>	<u>19.8</u>		
<u>1133</u>	<u>3.50</u>	<u>7.85</u>	<u>293</u>	<u>18.9</u>		
<u>1136</u>	<u>5.25</u>	<u>7.77</u>	<u>351</u>	<u>18.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021) -OR-</u>
<u>MW-</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/</u> <u>5 OXYS(8260)</u>

COMMENTS: Pur well too high look won't fit on with well cover.

Add/Replaced Lock: _____

Add/Replaced Plug: Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-5
 Well Diameter: 2 in.
 Total Depth: 31.41 ft.
 Depth to Water: 20.07 ft.
11.34

Well Condition: OK

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

xVF 0.17 = 1.92 x3 (case volume) = Estimated Purge Volume: 5.78 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: _____ 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): 1159 Weather Conditions: overcast/clean
 Sample Time/Date: 1222 11-4-02 Water Color: cloudy Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: Silty
 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>1203</u>	<u>2.0</u>	<u>7.44</u>	<u>518</u>	<u>17.3</u>		
<u>1209</u>	<u>4.0</u>	<u>7.44</u>	<u>536</u>	<u>17.6</u>		
<u>1213</u>	<u>6.0</u>	<u>7.26</u>	<u>535</u>	<u>18.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021) -OR-</u>
<u>MW-</u>	<u> </u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/</u> <u>5 OXYS(8260)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW- 6 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 31.25 ft.
 Depth to Water: 19.56 ft.
11.69 xVF 0.17 = 1.98 x3 (case volume) = Estimated Purge Volume: 5.96 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: _____ 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): 1416 Weather Conditions: overcast/clear
 Sample Time/Date: 1433 11-4-02 Water Color: cloudy Odor: yes
 Purging Flow Rate: 1.5 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>1418</u>	<u>2.0</u>	<u>7.67</u>	<u>837</u>	<u>22.3</u>		
<u>1421</u>	<u>4.0</u>	<u>7.15</u>	<u>809</u>	<u>21.8</u>		
<u>1423</u>	<u>6.0</u>	<u>6.96</u>	<u>780</u>	<u>21.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 6	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021) -OR-
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 5 OXYS(8260)

COMMENTS: Installed 2 Bolts - was missing 2

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-04-02 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-8 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 29.82 ft.
 Depth to Water: 18.97 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
 $10.85 \times VF \ 0.17 = 1.84 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 5.50 \text{ gal.}$

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: _____ 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): 1344 Weather Conditions: overcast
 Sample Time/Date: 1401 11-4-02 Water Color: cloudy Odor: yes
 Purging Flow Rate: _____ gpm. Sediment Description: Sand
 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>1350</u>	<u>1.75</u>	<u>7.66</u>	<u>523</u>	<u>23.8</u>		
<u>1352</u>	<u>3.50</u>	<u>7.55</u>	<u>522</u>	<u>23.4</u>		
<u>1354</u>	<u>5.50</u>	<u>7.52</u>	<u>496</u>	<u>23.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021) -OR-
MW-8	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 5 OXYS(8260)

COMMENTS: 1347 set up section to stack

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K Kelly

Well ID: MW-9
 Well Diameter: 2 in.
 Total Depth: 29.81 ft.
 Depth to Water: 17.48 ft.
12.33

Well Condition: OK

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

xVF 0.12 = 2.09 x3 (case volume) = Estimated Purge Volume: 6.28 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:	_____ 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): 1306 Weather Conditions: overcast/clear
 Sample Time/Date: 1328 11-4-02 Water Color: cloudy Odor: No
 Purging Flow Rate: _____ gpm. Sediment Description: Sand
 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>1308</u>	<u>2.0</u>	<u>8.09</u>	<u>573</u>	<u>21.6</u>	_____	_____
<u>1310</u>	<u>4.0</u>	<u>7.73</u>	<u>530</u>	<u>20.8</u>	_____	_____
<u>1316</u>	<u>6.25</u>	<u>7.55</u>	<u>543</u>	<u>20.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTX+MTBE(8021) -OR-
MW-9	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTX+MTBE(8021)/ 5 OXYS(8260)

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 11-4-02 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-10
 Well Diameter: 2 in.
 Total Depth: 29.82 ft.
 Depth to Water: 18.31 ft.
11.51

Well Condition: OK

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

xVF 0.17 = 1.95 x3 (case volume) = Estimated Purge Volume: 5.87 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:	_____ 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): 1232 Weather Conditions: overcast/clean
 Sample Time/Date: 1251 11-4-02 Water Color: cloudy 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>1237</u>	<u>2.0</u>	<u>7.52</u>	<u>604</u>	<u>22.7</u>		
<u>1241</u>	<u>4.0</u>	<u>7.60</u>	<u>632</u>	<u>21.1</u>		
<u>1245</u>	<u>6.0</u>	<u>7.63</u>	<u>899</u>	<u>20.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021) -OR-
MW- <u>10</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 5 OXYS(8260)

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____

For Lancaster Laboratories use only

Acct. #: _____ Sample #: _____ SCR#: _____

p292

Facility #: 0-3322 Job# 386433 Global ID# T0600102079
 Site Address: 7225 BANCROFT AVENUE, OAKLAND, CA
 Chevron PM: Karen Streich Lead Consultant: Delta/C-R
 Consultant/Office: G-R Inc 6747 Sierra Ct #J Dublin CA 94588
 Consultant Prj. Mgr.: Deanna L Harding (deanna@grinc.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: Kristina Kelly
 Service Order #: _____ Non SAR: _____

Matrix		Total Number of Containers	Analyses Requested					
Potable	NPDES		BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420
<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

J value reporting needed
 Must meet lowest detection limit 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	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420
RA	11/14/02								20	X	X				
MW-1		1100	X						6	X	X				
MW-2		1504	X						6	X	X				
MW-3		1540	X						6	X	X				
MW-4		1148	X						6	X	X				
MW-5		1222	X						6	X	X				
MW-6		1433	X						6	X	X				
MW-8		1401	X						6	X	X		X	X	
MW-9		1328	X						6	X	X		X	X	
MW-10		1351	X						6	X	X		X	X	

Comments / Remarks
 Amend CDC,
 Run 50 days
 by 8260 on
 MW-8, MW-9,
 MW-10
 Bob Khan
 11/08/02

Turnaround Time Requested (TAT) (please circle) STD. TAT 24 hour 72 hour 48 hour 4 day 5 day	Relinquished by: <u>Kristina Kelly</u>	Date: <u>11/6/02</u>	Time: _____	Received by: <u>[Signature]</u>	Date: <u>11/14/02</u>	Time: <u>1530</u>
	Relinquished by: <u>[Signature]</u>	Date: <u>11/6/02</u>	Time: <u>1430</u>	Received by: <u>[Signature]</u>	Date: <u>11/6/02</u>	Time: <u>1445</u>
Data Package Options (please circle if required) QC Summary Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk	Relinquished by Commercial Carrier:	Received by:		Date:	Time:	
	UPS FedEx Other _____	Custody Seals Intact? Yes No		Date:	Time:	
Temperature Upon Receipt: _____ °C						



RECEIVED

NOV 19 2002

GETTLER RYAN INC
GENERAL CORP

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

SAMPLE GROUP

The sample group for this submittal is 829801. Samples arrived at the laboratory on Thursday, November 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-021104	NA	Water	3935284
MW-1-W-021104	Grab	Water	3935285
MW-2-W-021104	Grab	Water	3935286
MW-3-W-021104	Grab	Water	3935287
MW-4-W-021104	Grab	Water	3935288
MW-5-W-021104	Grab	Water	3935289
MW-6-W-021104	Grab	Water	3935290
MW-8-W-021104	Grab	Water	3935291
MW-9-W-021104	Grab	Water	3935292
MW-10-W-021104	Grab	Water	3935293

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding



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



Lancaster Laboratories
Where quality is a science.

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

Respectfully Submitted,

Robert E. Mellinger
Sr. Chemist/Coordinator



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



Lancaster Laboratories Sample No. WW 3935284

Collected: 11/04/2002 00:00

Account Number: 10905

Submitted: 11/07/2002 09:25
 Reported: 11/15/2002 at 15:14
 Discard: 12/16/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

QA-T-021104 NA Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft Ave Oakland T0600102079 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.					
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

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	11/10/2002 21:44		K. Robert James	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/10/2002 21:44		K. Robert James	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2002 21:44		K. Robert James	n.a.

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



Lancaster Laboratories, Inc.
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3935285**

Collected: 11/04/2002 16:06 by **KK**

Account Number: 10905

Submitted: 11/07/2002 09:25
 Reported: 11/15/2002 at 15:14
 Discard: 12/16/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-1-W-021104 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancorft Ave Oakland T0600102079 MW-1

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.	130,000.	10,000.	ug/l	200
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.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	24,000.	40.	ug/l	200
00777	Toluene	108-88-3	15,000.	40.	ug/l	200
00778	Ethylbenzene	100-41-4	3,900.	40.	ug/l	200
00779	Total Xylenes	1330-20-7	20,000.	120.	ug/l	200
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	60.	ug/l	200
The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/08/2002 22:56	K. Robert James	200
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/08/2002 22:56	K. Robert James	200
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2002 22:56	K. Robert James	n.a.

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



Lancaster Laboratories, Inc.
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3935286

Collected: 11/04/2002 15:04 by KK

Account Number: 10905

Submitted: 11/07/2002 09:25
 Reported: 11/15/2002 at 15:14
 Discard: 12/16/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-2-W-021104 Grab Water GRD
 Facility# 93322 Job# 386433
 7225 Bancorft Ave Oakland T0600102079 MW-2

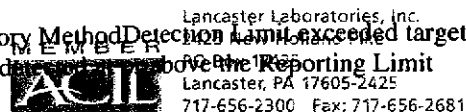
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	14,000.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	28.	1.0	ug/l	5
00777	Toluene	108-88-3	10.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	670.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	1,600.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	440.	2.5	ug/l	5

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	1	11/08/2002 23:29		K. Robert James	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/08/2002 23:29		K. Robert James	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2002 23:29		K. Robert James	n.a.

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





Lancaster Laboratories Sample No. WW 3935287

Collected: 11/04/2002 15:40 by KK

Account Number: 10905

Submitted: 11/07/2002 09:25

Reported: 11/15/2002 at 15:14

Discard: 12/16/2002

MW-3-W-021104

Grab

Water

Facility# 93322 Job# 386433

GRD

7225 Bancorft Ave Oakland T0600102079 MW-3

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

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.	32,000.	1,000.	ug/l	20
	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1,900.	4.0	ug/l	20
00777	Toluene	108-88-3	540.	4.0	ug/l	20
00778	Ethylbenzene	100-41-4	1,800.	4.0	ug/l	20
00779	Total Xylenes	1330-20-7	5,900.	12.	ug/l	20
00780	Methyl tert-Butyl Ether	1634-04-4	1,500.	6.0	ug/l	20

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/11/2002 06:07	K. Robert James	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/11/2002 06:07	K. Robert James	20
01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2002 06:07	K. Robert James	n.a.

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



Lancaster Laboratories, Inc.
MEMBER
608 N. 17th St
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3935288**

Collected: 11/04/2002 11:48 by **KK**

Account Number: 10905

Submitted: 11/07/2002 09:25

Reported: 11/15/2002 at 15:14

Discard: 12/16/2002

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-4-W-021104 Grab Water

Facility# 93322 Job# 386433 GRD

7225 Bancorft Ave Oakland T0600102079 MW-4

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.					
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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/10/2002 22:18	K. Robert James	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/10/2002 22:18	K. Robert James	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2002 22:18	K. Robert James	n.a.

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





Lancaster Laboratories Sample No. **WW 3935289**

Collected: 11/04/2002 12:22 by **KK**

Account Number: 10905

Submitted: 11/07/2002 09:25
 Reported: 11/15/2002 at 15:14
 Discard: 12/16/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-5-W-021104 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancorft Ave Oakland T0600102079 MW-5

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.						
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	6.3	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/10/2002	22:51	K. Robert James	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/10/2002	22:51	K. Robert James	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2002	22:51	K. Robert James	n.a.

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



Lancaster Laboratories, Inc.
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3935290**

Collected: 11/04/2002 14:33 by **KK**

Account Number: 10905

Submitted: 11/07/2002 09:25
 Reported: 11/15/2002 at 15:14
 Discard: 12/16/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-6-W-021104 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft Ave Oakland T0600102079 MW-6

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.	7,500.	250.	ug/l	5
	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	2,000.	1.0	ug/l	5
00777	Toluene	108-88-3	29.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	140.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	39.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	1,300.	2.5	ug/l	5

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	11/11/2002 07:48		K. Robert James	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/11/2002 07:48		K. Robert James	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2002 07:48		K. Robert James	n.a.

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



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Lancaster Laboratories Sample No. **WW 3935291**

Collected: 11/04/2002 14:01 by **KK**

Account Number: **10905**

Submitted: 11/07/2002 09:25

ChevronTexaco

Reported: 11/15/2002 at 15:15

6001 Bollinger Canyon Rd L4310

Discard: 12/16/2002

San Ramon CA 94583

MW-8-W-021104 **Grab Water**

Facility# **93322** Job# **386433** **GRD**

7225 Bancorft Ave Oakland T0600102079 **MW-8**

BAOW8

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.	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	5.1	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	1.1	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	1.9	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/10/2002 23:25	K. Robert James	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/10/2002 23:25	K. Robert James	1
01595	Oxygenates by 8260B	SW-846 8260B	1	11/11/2002 19:53	Bryan J Polick	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2002 23:25	K. Robert James	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/11/2002 19:53	Bryan J Polick	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected above the Reporting Limit



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Lancaster Laboratories Sample No. **WW 3935292**

Collected: 11/04/2002 13:28 by **KK**

Account Number: 10905

Submitted: 11/07/2002 09:25

ChevronTexaco

Reported: 11/15/2002 at 15:15

6001 Bollinger Canyon Rd L4310

Discard: 12/16/2002

San Ramon CA 94583

MW-9-W-021104 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancorft Ave Oakland T0600102079 MW-9

BAOW9

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.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	1.7	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	2.1	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	24.	2.5	ug/l	1
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	21.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	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
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/10/2002 23:58	K. Robert James	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/10/2002 23:58	K. Robert James	1
01595	Oxygenates by 8260B	SW-846 8260B	1	11/11/2002 21:13	Bryan J Polick	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2002 23:58	K. Robert James	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/11/2002 21:13	Bryan J Polick	n.a.

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



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Lancaster Laboratories Sample No. **WW 3935293**

Collected: 11/04/2002 12:51 by **KK**

Account Number: **10905**

Submitted: 11/07/2002 09:25
 Reported: 11/15/2002 at 15:15
 Discard: 12/16/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-10-W-021104 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancorft Ave Oakland T0600102079 MW-10

BAO10

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.						
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	5.5	2.5	ug/l	1
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	5.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/12/2002 10:36	Linda C Pape	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/12/2002 10:36	Linda C Pape	1
01595	Oxygenates by 8260B	SW-846 8260B	1	11/11/2002 21:39	Bryan J Polick	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/12/2002 10:36	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/11/2002 21:39	Bryan J Polick	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected above the Reporting Limit



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Quality Control Summary

Client Name: ChevronTexaco
 Reported: 11/15/02 at 03:15 PM

Group Number: 829801

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: 02311A16B Sample number(s): 3935285-3935286								
Benzene	N.D.	.2	ug/l	97	99	80-118	2	30
Toluene	N.D.	.2	ug/l	92	95	82-119	3	30
Ethylbenzene	N.D.	.2	ug/l	92	94	81-119	2	30
Total Xylenes	N.D.	.6	ug/l	94	95	82-120	2	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	94	94	79-127	0	30
TPH-GRO - Waters	N.D.	50.	ug/l	102	104	74-116	2	30
Batch number: 02314A16A Sample number(s): 3935284,3935288-3935289,3935291-3935292								
Benzene	N.D.	.2	ug/l	109	110	80-118	1	30
Toluene	N.D.	.2	ug/l	103	105	82-119	1	30
Ethylbenzene	N.D.	.2	ug/l	102	103	81-119	1	30
Total Xylenes	N.D.	.6	ug/l	104	104	82-120	1	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	104	105	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	108	105	74-116	3	30
Batch number: 02314A16B Sample number(s): 3935287,3935290								
Benzene	N.D.	.2	ug/l	109	110	80-118	1	30
Toluene	N.D.	.2	ug/l	103	105	82-119	1	30
Ethylbenzene	N.D.	.2	ug/l	102	103	81-119	1	30
Total Xylenes	N.D.	.6	ug/l	104	104	82-120	1	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	104	105	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	108	105	74-116	3	30
Batch number: 02315A16A Sample number(s): 3935293								
Benzene	N.D.	.2	ug/l	100	103	80-118	3	30
Toluene	N.D.	.2	ug/l	96	99	82-119	3	30
Ethylbenzene	N.D.	.2	ug/l	94	97	81-119	3	30
Total Xylenes	N.D.	.6	ug/l	96	99	82-120	3	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	94	95	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	103		74-116		
Batch number: N023155AA Sample number(s): 3935291-3935293								
Methyl t-butyl ether	N.D.	.5	ug/l	98		77-127		
di-Isopropyl ether	N.D.	.5	ug/l	94		74-125		
Ethyl t-butyl ether	N.D.	.5	ug/l	92		74-120		
t-Amyl methyl ether	N.D.	.5	ug/l	95		71-114		
t-Butyl alcohol	N.D.	5.	ug/l	83		59-139		

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>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>Max</u>
Batch number: 02311A16B Sample number(s): 3935285-3935286								
Benzene	111	111	83-130	0	30			
Toluene	107	108	87-129	1	30			
Ethylbenzene	105	106	86-133	1	30			
Total Xylenes	107	109	86-132	1	30			
Methyl tert-Butyl Ether	106	108	66-140	1	30			
TPH-GRO - Waters	50*	67*	74-132	23	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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Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/15/02 at 03:15 PM

Group Number: 829801

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup
	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD
Batch number: 02314A16A	Sample number(s): 3935284, 3935288-3935289, 3935291-3935292							
Benzene	118	119	83-130	1	30			
Toluene	113	114	87-129	1	30			
Ethylbenzene	111	113	86-133	2	30			
Total Xylenes	113	114	86-132	1	30			
Methyl tert-Butyl Ether	106	106	66-140	1	30			
TPH-GRO - Waters	118	114	74-132	3	30			
Batch number: 02314A16B	Sample number(s): 3935287, 3935290							
Benzene	118	119	83-130	1	30			
Toluene	113	114	87-129	1	30			
Ethylbenzene	111	113	86-133	2	30			
Total Xylenes	113	114	86-132	1	30			
Methyl tert-Butyl Ether	106	106	66-140	1	30			
TPH-GRO - Waters	118	114	74-132	3	30			
Batch number: 02315A16A	Sample number(s): 3935293							
Benzene	112	115	83-130	2	30			
Toluene	106	109	87-129	3	30			
Ethylbenzene	105	107	86-133	2	30			
Total Xylenes	106	109	86-132	2	30			
Methyl tert-Butyl Ether	258*	334*	66-140	12	30			
TPH-GRO - Waters	86	95	74-132	9	30			
Batch number: N023155AA	Sample number(s): 3935291-3935293							
Methyl t-butyl ether	98	99	69-134	1	30			
di-Isopropyl ether	96	97	68-133	1	30			
Ethyl t-butyl ether	91	93	73-123	1	30			
t-Amyl methyl ether	94	95	69-118	1	30			
t-Butyl alcohol	82	81	51-148	0	30			

Surrogate Quality Control

Analysis Name: BTEX, MTBE (8021)
Batch number: 02311A16B

	Trifluorotoluene-F	Trifluorotoluene-P
3935285	109	121
3935286	123	129
Blank	110	121
LCS	116	119
LCSD	114	119
MS	111	121
MSD	113	120
Limits:	57-146	71-130

Analysis Name: BTEX, MTBE (8021)
Batch number: 02314A16A

	Trifluorotoluene-F	Trifluorotoluene-P

*- 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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Quality Control Summary

Client Name: ChevronTexaco
 Reported: 11/15/02 at 03:15 PM

Group Number: 829801

Surrogate Quality Control

3935284	106	121
3935288	111	121
3935289	112	120
3935291	126	123
3935292	111	120
Blank	108	121
LCS	112	120
LCSD	113	120
MS	119	119
MSD	114	120

Limits: 57-146 71-130

Analysis Name: BTEX, MTBE (8021)

Batch number: 02314A16B

	Trifluorotoluene-F	Trifluorotoluene-P
3935287	124	126
3935290	124	128
Blank	102	121
LCS	112	120
LCSD	113	120
MS	119	119
MSD	114	120

Limits: 57-146 71-130

Analysis Name: BTEX, MTBE (8021)

Batch number: 02315A16A

	Trifluorotoluene-F	Trifluorotoluene-P
3935293	106	121
Blank	108	121
LCS	112	120
LCSD		120
MS	119	120
MSD	115	120

Limits: 57-146 71-130

Analysis Name: Oxygenates by 8260B

Batch number: N023155AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3935291	95	96	102	101
3935292	97	99	99	98
3935293	98	98	100	96
Blank	97	98	99	97
LCS	94	98	102	106
MS	94	96	102	105
MSD	95	98	103	105

Limits: 86-118 80-120 88-110 86-115

*- Outside of specification

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



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