R0500 S4

GETTLER-RYAN INC.

TRANSMITTAL

MAY 2 0 2002

May 1, 2002
G-R #385127

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
#9-1026
3701 Broadway
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 29, 2002	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 18, 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 ***May 15, 2002***, at which time the final report will be distributed to the following:

cc: Ms. Susan Hugo, 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
Mr. W. Bruce Bercovich, Kay & Merkel, 100 The Embarcadero, 3rd Floor, San Francisco, CA 94105

Enclosures

rans/9-1026-KS

GETTLER-RYAN INC.

April 29, 2002
G-R Job #385127

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

RE: First Semi-Annual Event of March 18, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-1026
3701 Broadway
Oakland, California

MAY 2 0 2002

Dear Ms. Streich:

This report documents the monthly site visits and 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.

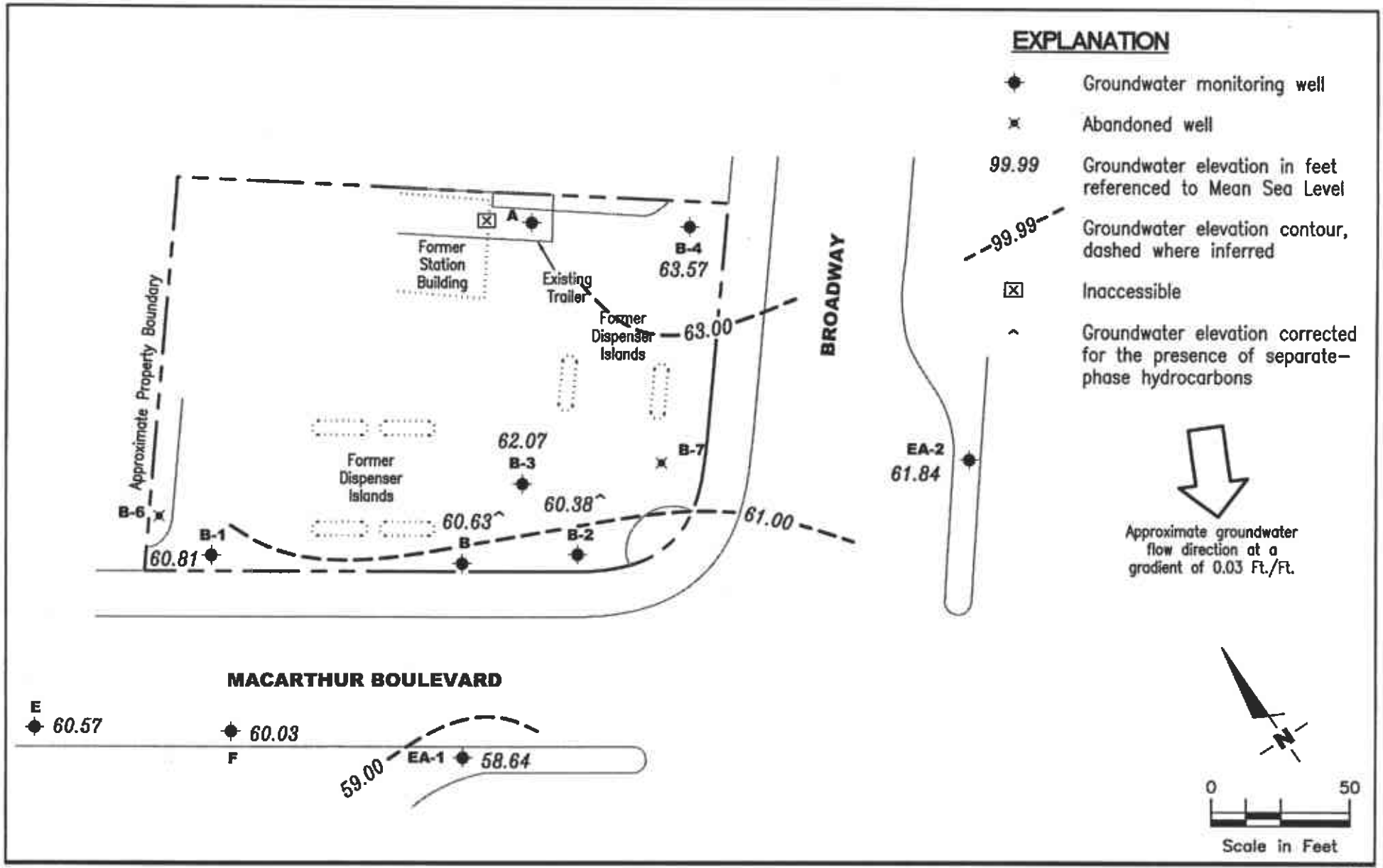
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Separate Phase Hydrocarbon Thickness/Removal Data
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



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

POTENTIOMETRIC MAP
Chevron Service Station #9-1026
3701 Broadway
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
385127		March 18, 2002	

FILE NAME: P:\Enviro\Chevron\9-1026\Q02-9-1026.dwg | Layout Tab: Pot1

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
A											
05/09/89	75.28	61.36	13.92	--	--	11,000	260	<2.0	94	230	--
08/09/89	75.28	59.66	15.62	--	--	12,000	370	<1.5	100	240	--
11/09/89	75.28	59.33	15.95	--	--	16,000	690	10	180	350	--
02/08/90	75.28	60.55	14.73	--	--	14,000	600	7.0	120	270	--
05/10/90	75.28	59.80	15.48	--	--	16,000	840	4.8	140	340	--
08/09/90	75.28	59.62	15.66	--	--	17,000	510	40	170	280	--
11/13/90	75.28	58.80	16.48	--	--	9000	570	3.1	86	170	--
03/27/91	75.28	--	--	--	--	8000	660	<5.0	110	250	--
04/05/91	75.28	62.06	13.22	--	--	--	--	--	--	--	--
06/19/91	75.28	59.91	15.37	--	--	8900	740	<3.0	120	280	--
08/21/91	75.28	59.29	15.99	--	--	6800	620	23	85	200	--
11/08/91	75.28	59.13	16.15	--	--	4000	640	<5.0	77	160	--
02/13/92	75.28	60.70	14.58	--	--	8000	860	<5.0	120	390	--
05/01/92	75.28	61.02	14.26	--	--	13,000	870	19	220	780	--
11/18/92	75.29	58.91	16.38	--	--	12,000	1500	83	360	530	--
03/19/93	75.29	63.13	12.16	--	--	14,000	820	6.1	180	420	--
06/10/93	75.29	61.04	14.25	--	--	9000	700	13	170	310	--
09/08/93	75.29	--	--	--	--	--	--	--	--	--	--
12/21/93	75.29	--	--	--	--	--	--	--	--	--	--
03/09/94	75.29	61.95	13.34	--	--	9600	860	21	200	390	--
09/21/94	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
12/20/94	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/28/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
06/22/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/21/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/22/96	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/25/96	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/06/97	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/12/97	75.29	60.73	14.56	--	--	2600	460	<10	70	11	67
04/02/98	75.29	66.54	8.75	--	--	1,700[2]	130	1.7	44	42	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026
3701 Broadway
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)
A (cont)											
09/15/98	75.29	--	--	--	--	--	--	--	--	--	--
03/09/99	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/14/00	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
08/28/00	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/04/01	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	**75.29**	**INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL**					**--**	**--**	**--**	**--**	**--**
B											
05/09/89	73.39	59.58	13.97	0.20	--	--	--	--	--	--	--
08/09/89	73.39	57.86	15.69	0.20	--	--	--	--	--	--	--
11/09/89	73.39	58.16	15.29	0.08	--	--	--	--	--	--	--
02/08/90	73.39	58.93	14.46	--	--	--	--	--	--	--	--
05/10/90	73.39	58.32	14.07	--	--	--	--	--	--	--	--
08/09/90	73.39	58.27	15.12	--	--	--	--	--	--	--	--
11/13/90	73.39	57.63	15.76	--	--	--	--	--	--	--	--
04/05/91	73.39	60.01	13.38	--	--	--	--	--	--	--	--
06/19/91	73.39	58.25	15.14	--	--	26,000	7100	370	430	1000	--
08/21/91	73.39	57.81	15.58	--	--	16,000	4900	270	390	640	--
11/08/91	73.39	57.68	15.71	--	--	11,000	2400	48	280	160	--
02/13/92	73.39	58.73	14.66	--	--	6800	2400	60	220	140	--
05/01/92	73.39	58.89	14.50	Sheen	--	16,000	6000	180	370	460	--
11/18/92	73.39	57.79	15.60	--	--	28,000	2200	150	920	4300	--
03/19/93	73.39	60.12	13.29	0.03	--	--	--	--	--	--	--
06/10/93	73.39	59.11	14.30	0.03	--	--	--	--	--	--	--
09/08/93	73.39	58.25	15.33	0.24	--	--	--	--	--	--	--
12/21/93	73.39	58.76	14.73	0.12	--	--	--	--	--	--	--
03/09/94	73.39	59.35	14.07	0.04	--	--	--	--	--	--	--
09/21/94	73.39	57.91	15.50	0.02[1]	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026
3701 Broadway
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)
B (cont)											
12/20/94	73.39	59.88	13.75	0.12	--	--	--	--	--	--	--
3/28/952	73.39	--	--	--	--	--	--	--	--	--	--
06/22/95	73.39	58.92	14.56	0.11	1.000	--	--	--	--	--	--
09/21/95	73.39	58.41	15.88	1.12	2.000	--	--	--	--	--	--
03/22/96	73.39	61.19	13.02	1.02	2.000	--	--	--	--	--	--
09/25/96	73.39	58.81	15.76	1.47	1.500	--	--	--	--	--	--
03/06/97	73.39	59.95	14.30	1.08	2.000	--	--	--	--	--	--
09/12/97	73.39	59.32	14.61	0.68	3.000	--	--	--	--	--	--
04/02/98	73.39	61.04	12.50	0.19	3.000	--	--	--	--	--	--
09/15/98	73.39	59.60**	14.87	1.35	5.000	--	--	--	--	--	--
03/09/99	73.39	60.41**	13.41	0.54	0.132	--	--	--	--	--	--
09/29/99	73.39	58.56**	15.80	1.21	0.130	--	--	--	--	--	--
03/14/00	73.39	61.70**	12.80	1.39	0.400	--	--	--	--	--	--
08/28/00	73.39	58.96**	15.29	1.07	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
03/22/01	73.39	60.52**	13.26	0.49	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
06/25/01[7]	73.39	58.95**	15.30	1.08	0.00	--	--	--	--	--	--
07/09/01[8]	73.39	59.02**	15.15	0.97	0.26[5]	--	--	--	--	--	--
08/06/01[8]	73.39	58.86**	15.31	0.98	1.04[5]	--	--	--	--	--	--
09/04/01[8]	73.39	58.58**	15.46	0.81	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
10/08/01[8]	**73.39**	**58.33****	**15.68**	**0.77**	**0.06[5]**	--	--	--	--	--	--
11/12/01[8]	**73.39**	**58.56****	**15.45**	**0.78**	**1.50[5]**	--	--	--	--	--	--
12/26/01[8]	**73.39**	**60.87****	**12.98**	**0.58**	**4.39[5]**	--	--	--	--	--	--
01/25/02[8]	**73.39**	**60.74****	**12.71**	**0.08**	**0.13[5]**	--	--	--	--	--	--
02/05/02[8]	**73.39**	**60.30****	**13.16**	**0.09**	**2.63[5]**	--	--	--	--	--	--
03/18/02[8]	**73.39**	**60.63****	**12.79**	**0.04**	**2.03[5]**	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
B-1											
05/09/89	71.77	59.19	12.58	--	--	16,000	2300	260	81	740	--
08/09/89	71.77	57.68	14.09	--	--	12,000	2600	340	100	870	--
11/09/89	71.77	57.71	14.06	--	--	17,000	340	140	110	760	--
02/08/90	71.77	59.12	12.65	--	--	5500	70	19	17	150	--
05/10/90	71.77	58.15	13.62	--	--	18,000	770	110	73	600	--
08/09/90	71.77	57.90	13.87	--	--	82,000	750	66	95	980	--
11/13/90	71.77	57.39	14.38	--	--	43,000	1300	120	74	760	--
03/27/91	71.77	--	--	--	--	18,000	580	92	94	770	--
04/05/91	71.77	60.04	11.73	--	--	--	--	--	--	--	--
06/19/91	71.77	58.21	13.56	--	--	21,000	910	56	96	810	--
08/21/91	71.77	57.87	13.90	--	--	50,000	2400	610	300	1800	--
11/08/91	71.77	57.72	14.05	--	--	540,000	3600	1500	1900	5900	--
02/13/92	71.77	59.09	12.68	--	--	20,000	500	100	150	920	--
05/01/92	71.77	58.85	12.92	Sheen	--	27,000	2800	200	310	1900	--
11/18/92	72.30	58.00	14.30	--	--	300	9.7	3.4	2.3	21	--
03/19/93	72.30	60.02	12.28	--	--	130	23	0.9	<0.5	5.6	--
06/10/93	72.30	59.26	13.04	--	--	170	21	1.1	0.8	6.6	--
09/08/93	72.30	58.46	13.88	0.05	--	--	--	--	--	--	--
12/21/93	72.30	58.77	13.53	--	--	<50	6.7	0.5	<0.5	1.2	--
03/09/94	72.30	59.65	12.65	--	--	1300	520	8.8	2.4	53	--
09/21/94	72.30	57.90	14.40	--	--	390	130	2.7	2.4	7.7	--
12/20/94	72.30	59.95	12.35	--	--	1600	520	9.9	8.9	34	--
03/28/95	72.30	61.54	10.76	--	--	160	38	2.1	1.4	5.4	--
06/22/95	72.30	59.70	12.60	--	--	340	73	3.1	2.4	7.5	--
09/21/95	72.30	58.65	13.65	--	--	140	19	1.0	1.2	6.1	--
03/22/96	72.30	61.36	10.94	--	--	200	<0.5	0.6	2.1	2.2	<5.0
09/25/96	72.30	58.54	13.76	--	--	690	5.4	1.2	1.6	6.8	<5.0
03/06/97	72.30	60.22	12.08	--	--	420	31	1.0	2.5	4.3	5.9
09/12/97	72.30	58.76	13.54	--	--	170	31	1.4	1.6	4.6	11

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
B-1 (cont)											
04/02/98	72.30	61.57	10.73	--	--	670[2]	91	4.2	8.7	17	<2.5
09/15/98	72.30	59.49	12.81	--	--	<50	1.5	<0.5	<0.5	<0.5	<10
03/09/99	72.30	60.69	11.61	--	--	1200	570	5.3	5.6	48	<25
09/29/99	72.30	58.67	13.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	72.30	61.91	10.39	--	--	225	78.5	1.49	1.88	4.17	<5.0
08/28/00	72.30	59.16	13.14	0.00	0.00	290[3]	42	1.9	4.3	6.3	21
03/22/01	72.30	60.62	11.68	0.00	0.00	1,690[6]	181	7.94	20.4	17.4	56.9
06/25/01	72.30	58.59	13.71	0.00	0.00	--	--	--	--	--	--
07/09/01	72.30	59.11	13.19	0.00	0.00	--	--	--	--	--	--
09/04/01	72.30	58.73	13.57	0.00	0.00	130	6.4	0.58	0.74	<1.5	<2.5/<2[9]
03/18/02	**72.30**	**60.81**	**11.49**	**0.00**	**0.00**	**410**	**77**	**3.0**	**4.9**	**10**	**6.6**
B-2											
05/09/89	74.51	59.93	14.58	--	--	170,000	30,000	8400	2300	12,000	--
08/09/89	74.51	58.45	16.06	--	--	60,000	29,000	8700	2400	12,000	--
11/09/89	74.51	57.56	16.95	--	--	110,000	32,000	5500	2800	12,000	--
02/08/90	74.51	58.95	15.56	--	--	67,000	28,000	5900	2300	11,000	--
05/10/90	74.51	58.57	15.94	--	--	69,000	24,000	4800	2000	11,000	--
08/09/90	74.51	58.54	15.97	--	--	100,000	33,000	4000	2100	12,000	--
11/13/90	74.51	57.81	16.70	--	--	110,000	33,000	4300	2900	13,000	--
03/27/91	74.51	--	--	--	--	160,000	26,000	3200	2600	15,000	--
04/05/91	74.51	60.31	14.20	--	--	--	--	--	--	--	--
06/19/91	74.51	58.68	15.83	--	--	100,000	22,000	2500	2000	11,000	--
08/21/91	74.51	58.20	16.31	--	--	80,000	28,000	2800	2400	12,000	--
11/08/91	74.51	57.91	16.60	--	--	94,000	29,000	1900	2200	11,000	--
02/13/92	74.51	58.58	15.93	--	--	280,000	34,000	2500	4600	23,000	--
05/01/92	74.51	59.57	14.94	Sheen	--	29,000	1700	300	1100	4300	--
11/18/92	74.52	57.81	16.71	--	--	26,000	11,000	170	870	950	--
03/19/93	74.52	60.46	14.06	--	--	110,000	28,000	1200	2200	12,000	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026
3701 Broadway
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)
B-2 (cont)											
06/10/93	74.52	59.64	14.88	--	--	140,000	15,000	930	1900	8800	--
09/08/93	74.52	58.52	16.03	0.04	--	--	--	--	--	--	--
12/21/93	74.52	58.91	15.61	--	--	980,000	21,000	30,000	9100	71,000	--
03/09/94	74.52	59.99	14.53	Sheen	--	110,000	23,000	920	1300	7800	--
9/21/945	74.52	INACCESSIBLE		--	--	--	--	--	--	--	--
12/20/94	74.52	59.86	14.65	--	--	70,000	25,000	710	920	5300	--
03/28/95	74.52	62.22	12.30	--	--	76,000	20,000	920	1200	5200	--
06/22/95	74.52	60.30	14.22	--	--	89,000	21,000	38,000	1500	6800	--
09/21/95	74.52	58.72	15.80	--	--	84,000	24,000	2900	1800	9800	--
03/22/96	74.52	61.69	12.85	0.02	0.250	--	--	--	--	--	--
09/25/96	74.52	58.56	15.98	0.03	0.250	--	--	--	--	--	--
03/06/97	74.52	60.43	14.11	0.02	0.000	--	--	--	--	--	--
09/12/97	74.52	59.19	15.35	0.03	1.500	--	--	--	--	--	--
04/02/98	74.52	61.74	13.07	0.36	2.000	--	--	--	--	--	--
09/15/98	74.52	59.48**	15.50	0.58	0.500	--	--	--	--	--	--
03/09/99	74.52	61.56**	13.29	0.41	0.079	--	--	--	--	--	--
09/29/99	74.52	58.69**	16.34	0.64	0.080	--	--	--	--	--	--
03/14/00	74.52	62.02**	12.65	0.19	0.040	--	--	--	--	--	--
08/28/00	74.52	59.11**	15.80	0.49	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
03/22/01	74.52	60.99**	13.77	0.30	0.07[5]	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
07/09/01[7]	74.52	58.50**	16.12	0.13	0.21[5]	--	--	--	--	--	--
08/06/01[8]	74.52	58.31**	16.23	0.02	0.00	--	--	--	--	--	--
09/04/01[8]	74.52	58.26**	16.28	0.03	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
10/08/01[8]	**74.52**	**57.97****	**16.57**	**0.03**	**0.01[5]**	--	--	--	--	--	--
11/12/01[8]	**74.52**	**58.07****	**16.46**	**0.01**	**0.00**	--	--	--	--	--	--
12/26/01[8]	**74.52**	**61.12**	**13.40**	**0.00**	**0.00**	--	--	--	--	--	--
01/25/02[8]	**74.52**	**60.17**	**14.35**	**0.00**	**0.00**	--	--	--	--	--	--
02/05/02[8]	**74.52**	**60.05**	**14.47**	**0.00**	**0.00**	--	--	--	--	--	--
03/18/02[8]	**74.52**	**60.38**	**14.14**	**0.00**	**0.00**	**110,000**	**24,000**	**2,500**	**2,500**	**9,200**	**<30**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
B-3											
05/09/89	74.12	60.01	14.02	--	--	70,000	12,000	9500	400	8900	--
08/09/89	74.12	58.74	15.38	--	--	--	--	--	--	--	--
11/09/89	74.12	58.61	15.55	0.05	--	--	--	--	--	--	--
02/08/90	74.12	59.44	14.68	<0.01	--	--	--	--	--	--	--
05/10/90	74.12	58.99	15.15	0.02	--	--	--	--	--	--	--
08/09/90	74.12	58.85	15.27	<0.01	--	--	--	--	--	--	--
11/13/90	74.12	58.13	16.04	0.06	--	--	--	--	--	--	--
04/05/91	74.12	60.82	13.30	<0.01	--	--	--	--	--	--	--
06/19/91	74.12	58.96	15.16	--	--	260,000	20,000	9000	2200	16,000	--
08/21/91	74.12	58.51	15.61	--	--	70,000	28,000	11,000	1800	11,000	--
11/08/91	74.12	58.35	15.77	--	--	150,000	29,000	9700	2200	13,000	--
02/13/92	74.12	59.24	14.88	--	--	100,000	27,000	9906	2000	11,000	--
05/01/92	74.12	59.93	14.20	0.01	--	--	--	--	--	--	--
11/18/92	74.13	58.47	15.68	0.03	--	--	--	--	--	--	--
03/19/93	74.13	61.24	13.75	1.08	--	--	--	--	--	--	--
06/10/93	74.13	60.04	14.79	0.87	--	--	--	--	--	--	--
09/08/93	74.13	58.81	15.38	0.08	--	--	--	--	--	--	--
12/21/93	74.13	59.39	14.74	--	--	1,100,000	18,000	29,000	8900	59,000	--
03/09/94	74.13	60.60	13.53	--	--	130,000	11,000	20,000	1700	15,000	--
09/21/94	74.13	58.45	15.70	0.02[1]	--	--	--	--	--	--	--
12/20/94	74.13	60.67	13.48	0.03	--	--	--	--	--	--	--
03/28/95	74.13	--	--	1.54	2.000	--	--	--	--	--	--
06/22/95	74.13	60.86	14.25	1.23	0.500	--	--	--	--	--	--
09/21/95	74.13	59.12	15.25	0.30	0.500	--	--	--	--	--	--
03/22/96	74.13	62.97	11.46	0.37	0.250	--	--	--	--	--	--
09/25/96	74.13	60.13	14.82	1.02	1.000	--	--	--	--	--	--
03/06/97	74.13	61.23	13.12	0.28	0.500	--	--	--	--	--	--
09/12/97	74.13	59.56	14.67	0.13	2.000	--	--	--	--	--	--
04/02/98	74.13	62.93	11.20	Sheen	--	160,000	27,000	26,000	2500	14,000	<500
09/15/98	74.13	60.12**	14.05	0.05	0.500	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026
3701 Broadway
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)
B-3 (cont)											
03/09/99	74.13	62.77**	11.41	0.06	0.053	--	--	--	--	--	--
09/29/99	74.13	59.23**	15.00	0.13	0.070	--	--	--	--	--	--
03/14/00	74.13	63.15**	10.98	--	--	177,000	15,000	22,000	2910	17,000	<1250
08/28/00	74.13	59.74**	14.41	0.02	0.26[5]	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
03/22/01	74.13	62.06	12.07	0.00	0.00	366,000[3]	28,200	31,500	5,460	29,600	<2,500
09/04/01	74.13	58.66	15.47	0.00	0.00	140,000	34,000	14,000	2,300	11,000	<200/<25[9]
03/18/02	**74.13**	**62.07**	**12.06**	**0.00**	**0.00**	**150,000**	**33,000**	**16,000**	**2,500**	**12,000**	**<30**
B-4											
05/09/89	76.43	61.50	14.93	--	--	3600	840	34	120	200	--
08/09/89	76.43	59.78	16.65	--	--	<500	4200	130	370	260	--
11/09/89	76.43	--	--	--	--	5000	4200	83	400	250	--
02/08/90	76.43	59.44	16.99	--	--	14,000	6000	70	530	300	--
05/10/90	76.43	60.38	16.05	--	--	12,000	5400	130	460	320	--
08/09/90	76.43	59.94	16.49	--	--	16,000	7400	120	530	350	--
11/13/90	76.43	59.79	16.64	--	--	21,000	7000	100	550	320	--
03/27/91	76.43	59.01	17.42	--	--	17,000	8500	120	500	300	--
04/05/91	76.43	61.77	14.66	--	--	14,000	7700	75	610	210	--
06/19/91	76.43	59.95	16.48	--	--	16,000	7800	110	550	340	--
08/21/91	76.43	59.43	17.00	--	--	18,000	11,000	110	450	340	--
11/08/91	76.43	59.05	17.38	--	--	18,000	6800	98	500	620	--
02/13/92	76.43	60.01	16.42	--	--	15,000	9100	86	570	350	--
05/01/92	76.43	60.93	15.50	--	--	36,000	16,000	180	990	690	--
03/19/93	76.43	62.32	14.11	--	--	26,000	15,000	150	900	790	--
06/10/93	76.43	60.99	15.44	--	--	35,000	14,000	180	940	590	--
09/08/93	76.43	59.78	16.65	--	--	34,000	15,000	170	1100	870	--
12/21/93	76.43	59.98	16.45	--	--	30,000	12,000	74	610	340	--
03/09/94	76.43	61.55	14.88	--	--	37,000	15,000	140	1000	580	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
B-4 (cont)											
09/21/94	76.43	59.29	17.14	--	--	32,000	14,000	110	660	190	--
12/20/94	76.43	61.44	14.99	--	--	23,000	8400	97	640	530	--
03/28/95	76.43	65.10	11.33	--	--	27,000	9900	120	880	540	--
06/22/95	76.43	61.84	14.59	--	--	33,000	12,000	84	650	150	--
09/21/95	76.43	60.24	16.19	--	--	20,000	12,000	72	540	68	--
03/22/96	76.43	64.43	12.00	--	--	29,000	10,000	72	560	170	400
09/25/96	76.43	60.15	16.28	--	--	53,000	11,000	<50	160	74	<500
03/06/97	76.43	62.87	13.56	--	--	<5,000	17,000	<50	<50	<50	<500
09/12/97	76.43	60.41	16.02	--	--	7600	8100	65	520	38	300
04/02/98	76.43	64.58	11.85	--	--	28,000[2]	9700	59	760	220	<250
09/15/98	76.43	61.08	15.35	--	--	25,000	12,000	200	900	<200	<1000
03/09/99	76.43	64.11	12.32	--	--	21,000	11,000	<100	770	270	800
09/29/99	76.43	60.31	16.12	--	--	8610	9500	32.1	1160	88.2	260
03/14/00	76.43	65.86	10.57	--	--	29,100	11,000	223	1010	556	<500
08/28/00[4]	76.43	60.78	15.65	0.00	0.00	13,000[3]	8,600	96	920	74	400
03/22/01	76.43	63.57	12.86	0.00	0.00	14,400[6]	6,770	<50.0	224	112	345
09/04/01	76.43	60.19	16.24	0.00	0.00	23,000	9,900	61	340	71	<50/<3[9]
03/18/02	**76.43**	**63.57**	**12.86**	**0.00**	**0.00**	**26,000**	**8,400**	**71**	**550**	**300**	**<15**
B-6											
05/09/89	72.66	60.55	12.11	--	--	26,000	120	110	250	1300	--
08/09/89	72.66	57.94	14.72	--	--	19,000	470	150	440	1400	--
11/09/89	72.66	58.81	13.85	--	--	13,000	70	36	36	440	--
02/08/90	72.66	64.93	7.73	--	--	2900	16	5.0	10	58	--
05/10/90	72.66	--	--	--	--	--	--	--	--	--	--
08/09/90	72.66	58.15	14.51	--	--	14,000	55	3.0	130	500	--
11/13/90	72.66	57.80	14.86	--	--	--	--	--	--	--	--
04/05/91	72.66	62.23	10.43	--	--	--	--	--	--	--	--
ABANDONED											

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026
3701 Broadway
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)
B-7											
05/09/89	75.40	60.67	14.73	--	--	210,000	13,000	19,000	2000	20,000	--
08/09/89	75.40	59.04	16.36	--	--	672,000	87,000	17,000	2700	30,000	--
11/09/89	75.40	58.76	16.64	--	--	150,000	7000	12,000	1800	16,000	--
02/08/90	75.40	59.71	15.69	--	--	41,000	2500	6900	1100	11,000	--
05/10/90	75.40	--	--	--	--	--	--	--	--	--	--
08/09/90	75.40	59.09	16.31	--	--	50,000	1100	3900	640	7200	--
11/13/90	75.40	58.31	17.09	--	--	--	--	--	--	--	--
04/05/91	75.40	61.04	14.36	--	--	--	--	--	--	--	--
ABANDONED											
E											
11/18/92	70.07	57.87	12.20	--	--	280	2.7	2.4	3.0	12	--
03/19/93	70.07	60.10	9.97	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	70.07	59.09	10.98	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	70.07	58.29	11.80	0.03	--	--	--	--	--	--	--
12/21/93	70.07	58.82	11.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	70.07	59.40	10.67	--	--	<50	<0.5	0.7	<0.5	0.7	--
09/21/94	70.07	57.78	12.29	--	--	<50	2.5	<0.5	1.0	<0.5	--
12/20/94	70.07	54.54	15.53	--	--	<50	0.5	<0.5	<0.5	<0.5	--
03/28/95	70.07	61.62	8.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	70.07	59.50	10.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	70.07	58.48	11.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	70.07	61.05	9.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	70.07	57.75	12.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	70.07	--	--	--	--	--	--	--	--	--	--
04/02/98	70.07	61.64	8.43	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	70.07	--	--	--	--	--	--	--	--	--	--
03/09/99	70.07	60.65	9.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
E (cont)											
03/14/00	70.07	61.58	8.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	70.07	60.45	9.62	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	70.07	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	**70.07**	**60.57**	**9.50**	**0.00**	**0.00**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[9]**
F											
05/09/89	72.01	53.31	18.70	--	--	<500	<0.5	<0.5	0.6	1.0	--
08/09/89	72.01	52.98	19.03	--	--	--	--	--	--	--	--
11/09/89	72.01	52.99	19.02	--	--	--	--	--	--	--	--
02/08/90	72.01	53.31	18.70	--	--	<50	0.4	<0.3	0.3	<0.6	--
05/10/90	72.01	53.03	18.98	--	--	--	--	--	--	--	--
08/09/90	72.01	53.06	18.95	--	--	--	--	--	--	--	--
11/13/90	72.01	52.91	19.10	--	--	--	--	--	--	--	--
03/27/91	72.01	--	--	--	--	64	<0.5	<0.5	<0.5	1.0	--
06/19/91	72.01	53.06	18.95	--	--	--	--	--	--	--	--
08/21/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--
11/08/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--
02/13/92	72.01	53.41	18.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	72.01	--	Dry	--	--	--	--	--	--	--	--
11/18/92	71.72	56.87	14.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	71.72	57.47	14.25	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	71.72	57.80	13.92	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	71.72	56.95	14.80	0.04	--	--	--	--	--	--	--
12/21/93	71.72	58.41	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	71.72	58.73	12.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/94	71.72	55.42	16.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	71.72	59.15	12.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026
3701 Broadway
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)
F (cont)											
03/28/95	71.72	62.77	8.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	71.72	57.95	13.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	71.72	58.27	13.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	71.72	60.56	11.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	71.72	60.34	11.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	71.72	--	--	--	--	--	--	--	--	--	--
04/02/98	71.72	58.60	13.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	71.72	--	--	--	--	--	--	--	--	--	--
03/09/99	71.72	58.05	13.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	71.72	58.37	13.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	71.72	60.25	11.47	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	71.72	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	**71.72**	**60.03**	**11.69**	**0.00**	**0.00**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[9]**
EA-1											
05/09/89	73.94	59.38	14.56	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/09/89	73.94	57.85	16.09	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	73.94	58.10	15.84	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
02/08/90	73.94	58.89	15.05	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
05/10/90	73.94	58.29	15.65	--	--	<50	1.0	0.3	<0.3	<0.6	--
08/09/90	73.94	58.27	15.67	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	73.94	57.62	16.32	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
03/27/91	73.94	--	--	--	--	<50	0.7	0.5	<0.5	<0.5	--
04/05/91	73.94	59.91	14.03	--	--	--	--	--	--	--	--
06/19/91	73.94	58.38	15.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	73.94	57.95	15.99	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
11/08/91	73.94	57.81	16.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
EA-1 (cont)											
02/13/92	73.94	58.84	15.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	73.94	55.14	18.80	--	--	<50	2.7	<0.5	<0.5	<0.5	--
11/18/92	71.85	55.88	15.97	--	--	<10	<0.3	<0.3	<0.3	<0.5	--
03/19/93	71.85	58.19	13.66	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	71.85	57.14	14.71	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	71.85	56.33	15.58	0.08	--	--	--	--	--	--	--
12/21/93	71.85	56.83	15.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	71.85	57.47	14.38	--	--	<50	<0.5	1.0	<0.5	<0.5	--
09/21/94	71.85	55.73	16.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	71.85	57.80	14.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/28/95	71.85	59.80	12.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	71.85	57.50	14.35	--	--	<50	2.0	<0.5	<0.5	<0.5	--
09/21/95	71.85	56.49	15.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	71.85	59.14	12.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	71.85	57.97	13.88	--	--	<50	2.8	<0.5	<0.5	0.8	<5.0
09/12/97	71.85	--	--	--	--	--	--	--	--	--	--
04/02/98	71.85	59.16	12.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	71.85	--	--	--	--	--	--	--	--	--	--
03/09/99	71.85	58.85	13.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	71.85	59.76	12.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.65
08/28/00	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	71.85	58.55	13.30	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	71.85	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	**71.85**	**58.64**	**13.21**	**0.00**	**0.00**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[9]**
EA-2											
05/09/89	75.24	59.29	15.95	--	--	760	<0.5	<0.5	1.1	<0.5	--
08/09/89	75.24	57.79	17.45	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	75.24	57.83	17.41	--	--	<500	<0.5	1.0	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)
EA-2 (cont)											
02/08/90	75.24	58.67	16.57	--	--	190	<0.3	<0.3	<0.3	<0.6	--
05/10/90	75.24	58.12	17.12	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
08/09/90	75.24	58.04	17.20	--	--	120	<0.3	<0.3	<0.3	<0.6	--
11/13/90	75.24	57.36	17.88	--	--	160	<0.4	1.0	<0.3	<0.4	--
03/27/91	75.24	--	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--
04/05/91	75.24	59.70	15.54	--	--	--	--	--	--	--	--
06/19/91	75.24	58.17	17.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	75.24	57.78	17.46	--	--	70	0.8	1.4	<0.3	<0.4	--
11/08/91	75.24	57.66	17.58	--	--	<50	<0.5	0.7	<0.5	<0.5	--
02/13/92	75.24	58.55	16.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	75.24	59.08	16.16	--	--	340	<0.5	2.6	0.7	<0.5	--
11/18/92	76.24	58.63	17.61	--	--	450	<0.5	3.3	<0.5	0.8	--
03/19/93	76.24	61.24	15.00	--	--	450	<0.5	2.3	0.6	<1.5	--
06/10/93	76.24	60.16	16.08	--	--	250	<0.5	1.3	<0.5	<1.5	--
09/08/93	76.24	59.17	17.07	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/21/93	76.24	59.64	16.60	--	--	170	<0.5	1.3	<0.5	<0.5	--
03/09/94	76.24	60.41	15.83	--	--	200	1.8	1.4	<0.5	<0.5	--
09/21/94	76.24	58.64	17.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	76.24	60.71	15.53	--	--	950	31	15	1.7	<0.5	--
03/28/95	76.24	62.96	13.28	--	--	71	2.0	0.6	<0.5	<0.5	--
06/22/95	76.24	60.62	15.62	--	--	300	<0.5	3.7	<0.5	0.6	--
09/21/95	76.24	59.46	16.78	--	--	170	<0.5	<0.5	<0.5	<0.5	--
03/22/96	76.24	62.36	13.88	--	--	90	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	76.24	61.18	15.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	76.24	--	--	--	--	--	--	--	--	--	--
04/02/98	76.24	62.51	13.73	--	--	230[2]	0.99	<0.5	<0.5	<0.5	<2.5
09/15/98	76.24	--	--	--	--	--	--	--	--	--	--
03/09/99	76.24	62.03	14.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	76.24	62.93	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026
3701 Broadway
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)
EA-2 (cont)											
08/28/00	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	76.24	61.71	14.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	76.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	**76.24**	**61.84**	**14.40**	**0.00**	**0.00**	**97**	**0.54**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[9]**
TRIP BLANK											
05/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
02/08/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
05/10/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
08/09/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
03/27/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
11/08/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/13/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/28/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

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)											
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/22/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA											
03/18/02	--	--	--	--	--	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1026

3701 Broadway

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 28, 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

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
ND = Not Detected
QA = Quality Assurance

* TOC elevation referenced to msl.

** GWE was corrected for the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.80)].

1 Approximate thickness; equipment not functioning properly.

2 Chromatogram pattern indicated an unidentified hydrocarbon.

3 Laboratory report indicates gasoline C6-C12.

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

5 Product + water removed.

6 Laboratory report indicates unidentified hydrocarbons C6-C12.

7 Skimmer installed May of 2001.

8 Skimmer in well.

9 MTBE by EPA Method 8260.

Table 2

Separate Phase Hydrocarbon Thickness/Removal Data

Chevron Service Station #9-1026

3701 Broadway

Oakland, California

WELL ID	DATE	DTW *(ft.)*	SPH Thickness *(ft.)*	Amount Bailed (Product + Water) *(gallons)*
B	08/28/00	15.29	1.07	0.26
	03/22/01	13.26	0.49	0.26
	06/25/01[1]	15.30	1.08	0.00
	07/09/01[2]	15.15	0.97	0.26
	08/06/01[2]	15.31	0.98	1.04
	09/04/01[2]	15.46	0.81	0.00
	10/08/01[2]	**15.68**	**0.77**	**0.06**
	11/12/01[2]	**15.45**	**0.78**	**1.50**
	12/26/01[2]	**12.98**	**0.58**	**4.39**
	01/25/02[2]	**12.71**	**0.08**	**0.13**
	02/05/02[2]	**13.16**	**0.09**	**2.63**
	03/18/02[2]	**12.79**	**0.04**	**2.03**
B-2	08/28/00	15.80	0.49	0.26
	03/22/01	13.77	0.30	0.07
	07/09/01[1]	16.12	0.13	0.21[4]
	08/06/01[2]	16.23	0.02	0.00
	09/04/01[2]	16.28	0.03	0.00
	10/08/01[2]	**16.57**	**0.03**	**0.01**
	11/12/01[2]	**16.46**	**0.01**	**0.00**
	12/26/01[2]	**13.40**	**0.00**	**0.00**
	01/25/02[2]	**14.35**	**0.00**	**0.00**
	02/05/02[2]	**14.47**	**0.00**	**0.00**
	03/18/02[2]	**14.14**	**0.00**	**0.00**
B-3	08/28/00	14.41	0.02	0.26
	03/22/01	12.07	0.00	0.00
	09/04/01	15.47	0.00	0.00
	03/18/02	**12.06**	**0.00**	**0.00**

EXPLANATIONS:

DTW = Depth to Water

(ft.) = Feet

SPH = Separate Phase Hydrocarbons

[1] Skimmer installed May of 2001.

[2] Skimmer in well.

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-1026
3701 Broadway
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-1	09/04/01	<500	<100	<2	<2	<2	<2	<2	<2
B-3	09/04/01	<2,500	890	<25	<25	<25	<25	720	<25
B-4	09/04/01	<500	560	<3	<3	<3	<3	200	<3
E	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
F	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
EA-1	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
EA-2	03/18/02	<500	<100	<2	<2	<2	<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
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(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, static water level measurements are collected with the interface probe and are also recorded in the field notes.

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 polyvinyl chloride 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 Chevron-designated 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.

CHEVRON SERVICE STATION #9-1026
Oakland, CA

MONTHLY MONITORING EVENT
October 8, 2001

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Chevron #9-1006 Job#: 385127

Address: 3701 Broadway Date: 10.8.01

City: Oakland, CA Sampler: FRANK T.

Well ID: B Well Condition: O'K'

Well Diameter: 4" in. Hydrocarbon Thickness: .77 in. Amount Bailed (product/water): ≈ 200 mL well = 0.06gal (gal.)

Total Depth: ft.

Depth to Water: 15.68 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

N/A X VF ____ = ____ X 3 (case volume) = Estimated Purge Volume: ____ (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other:

Sampling Equipment: Disposable Bailer, Bailer, N/A Pressure Bailer, Grab Sample, Other:

Starting Time:

Sampling Time:

Purging Flow Rate: gpm.

Did well de-water?

Weather Conditions: SUNNY

Water Color: Odor:

Sediment Description:

If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B	x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE

COMMENTS: PRODUCT WAS PRESENT IN SKIMMER, Bailed 800 mL from Skimmer. BAILED PRODUCT FROM well = 200 mL, PUT BOTH IN A CONTAINER.

B/97-fieldst.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron #9-1026 Job#: 385127

Address: 3701 Broadway Date: 10.8.01

City: Oakland, CA Sampler: FRANK T.

Well ID B-2 Well Condition: OK

Well Diameter 2" in. Hydrocarbon Thickness: .03 in. Amount Bailed (product/water): ≈ 50 mL = 0.01 gal

Total Depth ft.

Depth to Water 16.57 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

N/A X VF ____ = ____ X 3 (case volume) = Estimated Purge Volume: ____ (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other: ____

Sampling Equipment: Disposable Bailer, Bailer, N/A Pressure Bailer, Grab Sample, Other: ____

Starting Time: ____ Weather Conditions: SUNNY

Sampling Time: ____ Water Color: ____ Odor: ____

Purging Flow Rate: ____ gpm. Sediment Description: ____

Did well de-water? ____ If yes; Time: ____ Volume: ____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-2	x VOA vial	Y	HCl	Lancaster	TPHG/BTEX/MTBE

COMMENTS: NO PRODUCT PRESENT IN SKIMMER, BAILED PRODUCT FROM B-2 PUT INTO A CONTAINER.

CHEVRON SERVICE STATION #9-1026
Oakland, CA

MONTHLY MONITORING EVENT
November 12, 2001

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility # Chevron #9-1026 Job#: 385127

Address: 3701 Broadway Date: 11-12-01

City: Oakland, CA Sampler: J.C

Well ID B Well Condition: O.K

Well Diameter 4" in. Hydrocarbon Thickness: .78 in. Amount Bailed (product/water): 1-LITER OUT OF SKIMMER 4.5 LITERS (gal.) FROM 1.5 Gallons OF SPH

Total Depth ft.

Depth to Water 15.45 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

____ X VF ____ = ____ X 3 (case volume) = Estimated Purge Volume: ____ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: ____

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other: ____

Starting Time: ____ Weather Conditions: RAIN

Sampling Time: ____ Water Color: ____ Odor: ____

Purging Flow Rate: ____ gpm. Sediment Description: ____

Did well de-water? ____ If yes; Time: ____ Volume: ____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCl		TPHG/BTEX/MTBE

COMMENTS: MONITORED ONLY, REMOVED 1-LITER OF PRODUCT OUT OF SKIMMER. REMOVED A TOTAL OF 1½ GALLONS OF PRODUCT FROM WELL - PRODUCT WOULD NOT BREAK UP.

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # Chevron #9-1026 Job#: 385127

Address: 3701 Broadway Date: 11-12-09

City: Oakland, CA Sampler: T.C

Well ID B-2 Well Condition: O.K

Well Diameter 2" in. Hydrocarbon Thickness: .01 in. Amount Bailed (product/water): 0 (gal.)

Total Depth [redacted] ft.

Depth to Water 16.46 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: _____

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other: _____

Starting Time: _____ Weather Conditions: RAIN

Sampling Time: _____ Water Color: _____ Odor: _____

Purging Flow Rate: _____ gpm. Sediment Description: _____

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x VOA VIAL	Y	HCl		TPHG/BTEX/MTBE

COMMENTS: NO PRODUCT FOUND IN SKIMMER

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CHEVRON SERVICE STATION #9-1026
Oakland, CA

MONTHLY MONITORING EVENT
December 26, 2001

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility # Chevron #9-1006 Job#: 385127

Address: 3701 Broadway Date: 12-26-05

City: Oakland, CA Sampler: T.E

Well ID: B3 Well Condition: O.K / SKIMMER IN WELL

Well Diameter: 4" in. Hydrocarbon Thickness: .58 in. Amount Bailed (product/water): 1½ Liter of product (gal.) 4 GALLONS OF WATER

Total Depth: ft.

Depth to Water: 12.98 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment: ~~Disposable Bailer~~ Bailer, Stack, Suction, Grundfos, Other: _____

Sampling Equipment: Disposable Bailer, Bailer, Pressure Bailer, Grab Sample, Other: _____

Starting Time: _____ Weather Conditions: _____

Sampling Time: _____ Water Color: _____ Odor: _____

Purging Flow Rate: _____ gpm. Sediment Description: _____

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE

COMMENTS: NO PRODUCT IN SKIMMER only 1-Liter of WATER
Bailed 1½ Liters of product

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-1026
Address: 3701 BROADWAY AVE.
City: OAKLAND, CA.

Job#: 385127
Date: 12.26.01
Sampler: T.C

Well ID: B-2
Well Condition: O.K
Well Diameter: 2" in.
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Total Depth: ft.
Depth to Water: 13.40 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

____ X VF ____ = ____ X 3 (case volume) = Estimated Purge Volume: ____ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: ____

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other: ____

Starting Time:
Sampling Time:
Purging Flow Rate: ____ gpm.
Did well de-water?

Weather Conditions:
Water Color: Odor:
Sediment Description:
If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCl		TPHG / BTEX / MTBE

COMMENTS: SKIMMER IN WELL, REMOVED 1 LITER OF WATER FROM SKIMMER, NO PRODUCT FOUND
MONITORED ONLY

CHEVRON SERVICE STATION #9-1026
Oakland, CA

MONTHLY MONITORING EVENT
January 25, 2002

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 1-25-02
City: Oakland, CA Sampler: TC

Well ID B Well Condition: O.K
Well Diameter 2 1/4 in. Hydrocarbon Thickness: .08 (feet) Amount Bailed: 1/2 LITER (product/water) (Gallons)
Total Depth ft.
Depth to Water 12.71 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment: ~~Disposable Bailer~~ Bailer, Stack, Suction, Grundfos, Other: _____

Sampling Equipment: Disposable Bailer, Bailer, Pressure Bailer, Grab Sample, Other: _____

Starting Time: _____ Weather Conditions: _____
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: NO PRODUCT IN SKIMMER only 1/2 Liter OF WATER
BAILED in Liter of product From well

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 1-25-02
City: Oakland, CA Sampler: T-C

Well ID B-2 Well Condition: o.k
Well Diameter 2/4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth ft.
Depth to Water 14.35 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment:	Sampling Equipment:
Disposable Bailer	Disposable Bailer
Bailer	Bailer
Stack	Pressure Bailer
Suction	Grab Sample
Grundfos	Other:
Other:	

Starting Time: Weather Conditions:
Sampling Time: Water Color: Odor:
Purging Flow Rate: gpm. Sediment Description:
Did well de-water? If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCL	LANCASTER	TPHG/btex/mtbe

COMMENTS: NO PRODUCT IN SCREEN only 1/2 Liter of WATER
MONITORED only

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CHEVRON SERVICE STATION #9-1026
Oakland, CA

MONTHLY MONITORING EVENT
February 5, 2002

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 2/5/02
City: Oakland, CA Sampler: J.C

Well ID: B Well Condition: Ok
Well Diameter: 2 1/4 in. Hydrocarbon Thickness: .09 (feet) Amount Bailed (product/water): 1/2 Liter (Gallons) 2 1/2 WATER
Total Depth: ? ft.
Depth to Water: ~~13.86~~ 13.16 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: _____

Sampling Equipment: ~~Disposable Bailer~~ / Bailer / Pressure Bailer / Grab Sample / Other: _____

Starting Time: _____ Weather Conditions: _____
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: SKIMMER IN WELL / REMOVED 1/2 LITER OF WATER FROM SKIMMER / MOST OF PRODUCT STUCK TO BAILER

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 2/5/02
City: Oakland, CA Sampler: T.C

Well ID B-2 Well Condition: O.K
Well Diameter (2) 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth ? ft.
Depth to Water 14.47 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: _____

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other: _____

Starting Time: _____ Weather Conditions: _____
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCL	LANCASTER	TPHG/btex/mtbe

COMMENTS: SKIMMER IN WELL / REMOVED 1/2 LITER OF WATER FROM SKIMMER

MONITORED ONLY

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CHEVRON SERVICE STATION #9-1026
Oakland, CA

QUARTERLY MONITORING & SAMPLING EVENT
March 18, 2002

WELL MONITORING/SAMPLING FIELD DATA SHEET

CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 3/18/02
City: Oakland, CA Sampler: TC

Well ID A Well Condition: INACCESIBLE
Well Diameter 2 1/4 in. Hydrocarbon Thickness: ___ (feet) Amount Bailed (product/water): ___ (Gallons)
Total Depth ___ ft.
Depth to Water ___ ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

___ X VF ___ = ___ X 3 (case volume) = Estimated Purge Volume: ___ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: ___

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other: ___

Starting Time: ___ Weather Conditions: ___
Sampling Time: ___ Water Color: ___ Odor: ___
Purging Flow Rate: ___ gpm. Sediment Description: ___
Did well de-water? ___ If yes: Time: ___ Volume: ___ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCl	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: WELL HAS A TRAILER OVER WELL.

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WELL MONITORING/SAMPLING FIELD DATA SHEET

CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 3/18/02
City: Oakland, CA Sampler: TC

Well ID B Well Condition: o.k
Well Diameter 2 (4) in. Hydrocarbon Thickness: .04 (feet) Amount Bailed (product/water): 100 ML. OF PRODUCT 2 GALLONS WATER (Gallons)
Total Depth ft.
Depth to Water 12.79 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: _____

Sampling Equipment: (Disposable Bailer) / Bailer / Pressure Bailer / Grab Sample / Other: _____

Starting Time: _____ Weather Conditions: _____
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: EMPTIED 1/2 LITER OF WATER FROM SCREEN / PRODUCT IS REAL THICK AND STICKY, MOST OF PRODUCT STUCK TO BAILER ONLY BAILED 100 ML. OF PRODUCT / 2 GALLONS OF WATER

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WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON
Facility # 9-1026 Job#: 385127

Address: 3701 Broadway Date: 3/18/02

City: Oakland, CA Sampler: TC

Well ID B-1 Well Condition: O.K

Well Diameter 2 1/(4) in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 32.92 ft.

Depth to Water 11.49 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

21.43 X VF .66 = 14.1 X 3 (case volume) = Estimated Purge Volume: 42.5 (gal.)

Purge Equipment: Disposable Bailer; Bailer; (Stack); Suction; Grundfos; Other:

Sampling Equipment: (Disposable Bailer); Bailer; Pressure Bailer; Grab Sample; Other:

Starting Time: 1354 Weather Conditions: Sunny

Sampling Time: 1415 Water Color: cloudy Odor: yes

Purging Flow Rate: 2.0 gpm. Sediment Description:

Did well de-water? no If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1351	14.0	7.42	1218	67.1			
1358	28.0	7.38	1164	66.8			
1405	42.5	7.30	1182	106.4			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-1	3 X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: Took total well depth.

WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 3/18/02
City: Oakland, CA Sampler: TL

Well ID B-2 Well Condition: O.K
Well Diameter (2) 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 19.10 ft.
Depth to Water 14.14 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

4.96 X VF .17 = .84 X 3 (case volume) = Estimated Purge Volume: 2.5 (gal.)

Purge Equipment: (Disposable Bailer), Bailer, Stack, Suction, Grundfos, Other:

Sampling Equipment: (Disposable Bailer), Bailer, Pressure Bailer, Grab Sample, Other:

Starting Time: 1348 Weather Conditions: Sunny
Sampling Time: 1404 Water Color: Cloudy Odor: Yes (Strong)
Purging Flow Rate: ~ gpm. Sediment Description: Sheen
Did well de-water? No If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1350	1.0	7.58	864	68.9			
1353	2.0	7.49	821	68.2			
1358	2.5	7.39	836	67.6			

LABORATORY INFORMATION

SAMPLE ID	(#) : CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-2	3 X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: Emptied 1/2 Liter of water from Screen. Slow Recovery / took total well Depth.

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WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON Facility # 9-1026 Job#: 385127

Address: 3701 Broadway Date: 3/18/02

City: Oakland, CA Sampler: TC

Well ID B-3 Well Condition: o.k

Well Diameter (2) 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 18.70 ft.

Depth to Water 12.06 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

6.64 X VF .17 = 1.1 X 3 (case volume) = Estimated Purge Volume: 3 1/2 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other:

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other:

Starting Time: 1430 Weather Conditions: Sunny

Sampling Time: 1442 Water Color: Cloudy Odor: yes (Strong)

Purging Flow Rate: — gpm. Sediment Description: Sheen

Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1432	1.0	7.86	1216	67.1			
1434	2.0	7.42	1182	66.2			
1436	3.5	7.40	1118	66.4			

LABORATORY INFORMATION

SAMPLE ID	(#) : CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-3	3 X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: Took total well DEPTH.

WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 3/18/02
City: Oakland, CA Sampler: TL

Well ID B-4 Well Condition: O.k
Well Diameter (2) 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 19.60 ft.
Depth to Water 12.86 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

6.74 X VF .17 = 1.1 X 3 (case volume) = Estimated Purge Volume: 3 1/2 (gal.)

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other:

Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other:

Starting Time: 1443 Weather Conditions: Sunny
Sampling Time: 1455 Water Color: cloudy Odor: yes
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1444	1.0	7.56	1264	67.1			
1447	2.0	7.24	1321	66.8			
1450	3.5	7.22	1316	66.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-4	3 X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: TOOK TOTAL WELL DEPTH.

WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 3/18/02
City: Oakland, CA Sampler: TC

Well ID E Well Condition: o.k
Well Diameter (2) 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 32.90 ft.
Depth to Water 9.50 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

23.40 X VF .17 = 3.9 X 3 (case volume) = Estimated Purge Volume: 12.0 (gal.)

Purge Equipment: Disposable Bailer; Bailer; (Stack); Suction; Grundfos; Other:

Sampling Equipment: (Disposable Bailer); Bailer; Pressure Bailer; Grab Sample; Other:

Starting Time: 1200 Weather Conditions: Sunny
Sampling Time: 1212 Water Color: Cloudy Odor: no
Purging Flow Rate: 2.0 gpm. Sediment Description:
Did well de-water? no If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1202	4.0	7.16	1424	67.1			
1204	8.0	7.08	1368	66.8			
1206	12.0	7.06	1360	66.1			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
E	6 X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe
					(8)oxys 8260

COMMENTS: Took total well depth.

WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON
Facility # 9-1026 Job#: 385127
Address: 3701 Broadway Date: 3/18/02
City: Oakland, CA Sampler: TC

Well ID F Well Condition: o.k
Well Diameter (2) 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 29.10 ft.
Depth to Water 11.69 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

17.41 X VF .17 = 2.9 X 3 (case volume) = Estimated Purge Volume: 9.0 (gal.)

Purge Equipment: Disposable Bailer; Bailer; (Stack); Suction; Grundfos; Other:

Sampling Equipment: (Disposable Bailer); Bailer; Pressure Bailer; Grab Sample; Other:

Starting Time: 1130 Weather Conditions: Sunny
Sampling Time: 1142 Water Color: cloudy Odor: no
Purging Flow Rate: 1.5-2.0 gpm. Sediment Description:
Did well de-water? no If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1132	3.0	7.26	1446	65.6			
1136	6.0	7.02	1382	65.0			
1136	9.0	6.98	1362	64.9			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
F	6 X VOA VIAL	Y	HCl	LANCASTER	TPH(G)/btex/mtbe
					(8) Oxys 8260

COMMENTS: Took total well depth.

9/97-fieldsl.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON
Facility # 9-1026 Job#: 385127

Address: 3701 Broadway Date: 3/18/02

City: Oakland, CA Sampler: TC

Well ID EA-1 Well Condition: 0.6 / MISSING LID

Well Diameter 2 1(4) in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 27.51 ft.

Depth to Water 13.21 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

14.30 X VF .166 = 9.4 X 3 (case volume) = Estimated Purge Volume: 28.5 (gal.)

Purge Equipment: Disposable Bailer; Bailer; ~~Stack~~; Suction; Grundfos; Other:

Sampling Equipment: ~~Disposable Bailer~~; Bailer; Pressure Bailer; Grab Sample; Other:

Starting Time: 1053 Weather Conditions: Sunny

Sampling Time: 1115 Water Color: clear Odor: NO

Purging Flow Rate: 2.0 gpm. Sediment Description:

Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1058	9.5	7.24	1362	64.8			
1103	19.0	7.16	1326	64.2			
1108	28.5	7.12	1302	64.0			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
EA-1	6 X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe
					(8) oxys 8260

COMMENTS: ARRIVED ON SITE AND FOUND THAT LID WAS MISSING AND WELL BOX WAS FULL OF LEAVES. WELL BOX MADE IN IRWINDALE CA. NO. 208 CNI WAS ON WELL BOX SEE PICTURE. THERE ARE NO BOLT FLANGES ON WELL BOX TOOK TOTAL WELL DEPTH.

WELL MONITORING/SAMPLING FIELD DATA SHEET.

CHEVRON Facility # 9-1026 Job#: 385127

Address: 3701 Broadway Date: 3/18/02

City: Oakland, CA Sampler: TC

Well ID EA-2 Well Condition: o.k

Well Diameter 2 1(4) in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 29.91 ft.

Depth to Water 14.40 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

15.51 X VF .66 = 10.2 X 3 (case volume) = Estimated Purge Volume: 30 1/2 (gal.)

Purge Equipment: Disposable Bailer; Bailer; ~~Stack~~; Suction; Grundfos; Other:

Sampling Equipment: ~~Disposable Bailer~~; Bailer; Pressure Bailer; Grab Sample; Other:

Starting Time: 1239 Weather Conditions: Sunny

Sampling Time: 1302 Water Color: clear Odor: no

Purging Flow Rate: 2.0 gpm. Sediment Description:

Did well de-water? no If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1244	10.0	7.26	1826	67.0			
1249	20.0	7.16	1718	66.8			
1254	30.5	7.12	1698	66.6			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
EA-2	6 X VOA VIAL	Y	HCL	LANCASTER	TPH(G)/btex/mtbe
					(8) Oxys 8260

COMMENTS: Took total well Depth.

9/97-fieldat.frm

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

200302-002

Acct. #: 10905 | For Lancaster Laboratories use only Sample #: 3791996-2004 SCR#:

Facility #: 9-1026 Job #385127 Global ID #T0600100334
Site Address: 3701 BROADWAY, OAKLAND, CA
Chevron PM: Tom Bauhs 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: TONY CAMARDA
Service Order #: ☐ Non SAR:

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable ☐ NPDES ☐)	Matrix: Oil ☐ Air ☐	Total Number of Containers	Analyses Requested: Preservation Codes: H	H			H								BTEX + MTBE 8260 ☐ 8021 ☒	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates 8260	Lead 7420 ☐ 7421 ☐
QA	3/18/02					X		2													X	X				
E		1212	X			X		6													X	X			X	
F		1142	X			X		6													X	X			X	
B-1		1415	X			X		3													X	X				
B-2		1404	X			X		3													X	X				
B-3		1442	X			X		3													X	X				
B-4		1455	X			X		3													X	X				
EA-1		1115	X			X		6													X	X			X	
EA-2		1302	X			X		6													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:	Date	Time	Received by:	Date	Time
1		3/18/02			3/20/02	1209
2		3/20/02			3/20/02	1305
3		3/20/02	1330		3/20/02	
	Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	Date	Time
	Temperature Upon Receipt 1.5-6.8°			Custody Seals Intact? Yes No		

3460 Rev. 7/30/01

Lancaster Laboratories
Where quality is a science.

ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904
925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 801081. Samples arrived at the laboratory on Thursday, March 21, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

Client Description			Lancaster Labs Number
QA-T-020318	NA	Water	3791996
E-W-020318	Grab	Water	3791997
F-W-020318	Grab	Water	3791998
B-1-W-020318	Grab	Water	3791999
B-2-W-020318	Grab	Water	3792000
B-3-W-020318	Grab	Water	3792001
B-4-W-020318	Grab	Water	3792002
EA-1-W-020318	Grab	Water	3792003
EA-2-W-020318	Grab	Water	3792004

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO Delta C/O Gettler-Ryan Attn: Deanna L. Harding

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

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

CASE NARRATIVE

Prepared For:

Thomas Bauhs
Chevron Products Company
6001 Bollinger Canyon Road
Building L
P.O. Box 6004
San Ramon, CA 94583-0904

Prepared By:

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

SAMPLE GROUP

The sample group for this submittal is 801081. Samples arrived at the laboratory on Thursday, March 21, 2002.

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

COMMENTS

The B-4 vials from Facility 91026 submitted for the BTEX/MTBE and TPH-GRO analysis did not have a pH < 2 at the time of the analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3791996

Collected:03/18/2002 00:00

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:35
Discard: 05/04/2002
QA-T-020318 NA Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 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 Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/22/2002 19:12	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/22/2002 19:12	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2002 19:12	Melissa D Mann	n.a.

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

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3791997

Collected:03/18/2002 12:12 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:35
Discard: 05/04/2002
E-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 E

E1026

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.					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	1
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
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

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

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Lancaster, PA 17605-2425
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Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3791997

Collected:03/18/2002 12:12 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:35
Discard: 05/04/2002
E-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 E

E1026

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	03/23/2002 02:12	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/23/2002 02:12	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	03/24/2002 14:31	Kenneth L Boley Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2002 02:12	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/24/2002 14:31	Kenneth L Boley Jr	n.a.

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3791998

Collected:03/18/2002 11:42 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:35
Discard: 05/04/2002
F-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 F

F1026

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.					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	1
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
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

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

ACIL
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3791998

Collected:03/18/2002 11:42 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:35
Discard: 05/04/2002
F-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 F

F1026

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	03/23/2002 02:47	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/23/2002 02:47	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	03/24/2002 14:57	Kenneth L Boley Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2002 02:47	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/24/2002 14:57	Kenneth L Boley Jr	n.a.

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

Analysis Report

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3791999

Collected:03/18/2002 14:15 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
B-1-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 B-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.	410.	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	77.	0.50	ug/l	1
00777	Toluene	108-88-3	3.0	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	4.9	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	10.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	6.6	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
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/23/2002 03:22	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/23/2002 03:22	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2002 03:22	Melissa D Mann	n.a.

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3792000

Collected:03/18/2002 14:04 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
B-2-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 B-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.	110,000.	5,000.	ug/l	100
	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.	20.	ug/l	100
00777	Toluene	108-88-3	2,500.	20.	ug/l	100
00778	Ethylbenzene	100-41-4	2,500.	20.	ug/l	100
00779	Total Xylenes	1330-20-7	9,200.	60.	ug/l	100
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	30.	ug/l	100
	Due to dilution of the sample made necessary by the high level of benzene, normal reporting limits were not attained.					

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	03/22/2002 16:26	Melissa D Mann	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/22/2002 16:26	Melissa D Mann	100
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2002 16:26	Melissa D Mann	n.a.

#=Laboratory MethodDetection 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
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3792001

Collected:03/18/2002 14:42 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
B-3-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 B-3

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.	150,000.	5,000.	ug/l	100
	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	33,000.	20.	ug/l	100
00777	Toluene	108-88-3	16,000.	20.	ug/l	100
00778	Ethylbenzene	100-41-4	2,500.	20.	ug/l	100
00779	Total Xylenes	1330-20-7	12,000.	60.	ug/l	100
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	30.	ug/l	100
	Due to dilution of the sample made necessary by the high level of benzene, normal reporting limits were not attained.					

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	03/22/2002 19:56	Melissa D Mann	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/22/2002 19:56	Melissa D Mann	100
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2002 19:56	Melissa D Mann	n.a.

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

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Lancaster Laboratories Sample No. WW 3792002

Collected:03/18/2002 14:55 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
B-4-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 B-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.	26,000.	2,500.	ug/l	50
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	8,400.	10.	ug/l	50
00777	Toluene	108-88-3	71.	10.	ug/l	50
00778	Ethylbenzene	100-41-4	550.	10.	ug/l	50
00779	Total Xylenes	1330-20-7	300.	30.	ug/l	50
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	15.	ug/l	50
	Due to dilution of the sample made necessary by the high level of benzene, normal reporting limits were not attained.					
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.					

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. WW 3792002

Collected:03/18/2002 14:55 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
B-4-W-020318 Grab Water

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Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 B-4

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/22/2002 17:36	Melissa D Mann	50
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/22/2002 17:36	Melissa D Mann	50
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2002 17:36	Melissa D Mann	n.a.

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Lancaster Laboratories Sample No. WW 3792003

Collected:03/18/2002 11:15 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
EA-1-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 EA-1

EA102

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
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	1
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
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	2.	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

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

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Lancaster Laboratories Sample No. WW 3792003

Collected:03/18/2002 11:15 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
EA-1-W-020318 Grab Water

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Facility# 91026 Job# 385127 GRD
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EA102

01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/22/2002 15:51	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/22/2002 15:51	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	03/25/2002 02:44	Marla S Lord	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2002 15:51	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/25/2002 02:44	Marla S Lord	n.a.

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

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Lancaster Laboratories Sample No. WW 3792004

Collected:03/18/2002 13:02 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
EA-2-W-020318 Grab Water

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Facility# 91026 Job# 385127 GRD
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EA220

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.	97.	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	0.54	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
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	1
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
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	2.	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

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

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Lancaster Laboratories Sample No. WW 3792004

Collected:03/18/2002 13:02 by TC

Account Number: 10905

Submitted: 03/21/2002 09:20
Reported: 04/03/2002 at 07:36
Discard: 05/04/2002
EA-2-W-020318 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
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San Ramon CA 94583-0904

Facility# 91026 Job# 385127 GRD
3701 Broadway-Oakland T0600100334 EA-2

EA220

01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/22/2002 12:20	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/22/2002 12:20	Melissa D Mann	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	03/25/2002 04:04	Marla S Lord	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2002 12:20	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/25/2002 04:04	Marla S Lord	n.a.

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

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Quality Control Summary

Client Name: Chevron Products Company
Reported: 04/03/02 at 07:36 AM

Group Number: 801081

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02080A56A	Sample number(s): 3792004							
Benzene	N.D.	0.5	ug/l	112		80-118		
Toluene	N.D.	0.5	ug/l	108		82-119		
Ethylbenzene	N.D.	0.5	ug/l	107		81-119		
Total Xylenes	N.D.	1.5	ug/l	108		82-120		
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	104		79-127		
TPH-GRO - Waters	N.D.	50.	ug/l	88		76-126		
Batch number: 02080A56B	Sample number(s): 3792000-3792003							
Benzene	N.D.	0.5	ug/l	112		80-118		
Toluene	N.D.	0.5	ug/l	108		82-119		
Ethylbenzene	N.D.	0.5	ug/l	107		81-119		
Total Xylenes	N.D.	1.5	ug/l	108		82-120		
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	104		79-127		
TPH-GRO - Waters	N.D.	50.	ug/l	88		76-126		
Batch number: 02081A55A	Sample number(s): 3791996							
Benzene	N.D.	0.5	ug/l	108	101	80-118	7	30
Toluene	N.D.	0.5	ug/l	115	107	82-119	7	30
Ethylbenzene	N.D.	0.5	ug/l	119	110	81-119	8	30
Total Xylenes	N.D.	1.5	ug/l	118	109	82-120	8	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	105	98	79-127	7	30
TPH-GRO - Waters	N.D.	50.	ug/l	90	92	76-126	2	30
Batch number: 02081A55B	Sample number(s): 3791997-3791999							
Benzene	N.D.	0.5	ug/l	108	101	80-118	7	30
Toluene	N.D.	0.5	ug/l	115	107	82-119	7	30
Ethylbenzene	N.D.	0.5	ug/l	119	110	81-119	8	30
Total Xylenes	N.D.	1.5	ug/l	118	109	82-120	8	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	105	98	79-127	7	30
TPH-GRO - Waters	N.D.	50.	ug/l	90	92	76-126	2	30
Batch number: V020821AB	Sample number(s): 3791997-3791998							
Ethanol	N.D.	500.	ug/l	86		44-139		
Methyl t-butyl ether	N.D.	2.	ug/l	101		77-127		
di-Isopropyl ether	N.D.	2.	ug/l	98		74-125		
Ethyl t-butyl ether	N.D.	2.	ug/l	104		74-120		
t-Amyl methyl ether	N.D.	2.	ug/l	104		71-114		
t-Butyl alcohol	N.D.	100.	ug/l	100		59-139		
1,2-Dichloroethane	N.D.	2.	ug/l	102		77-132		
1,2-Dibromoethane	N.D.	2.	ug/l	102		84-119		
Batch number: V020841AA	Sample number(s): 3792003-3792004							
Ethanol	N.D.	500.	ug/l	99		44-139		
Methyl t-butyl ether	N.D.	2.	ug/l	106		77-127		
di-Isopropyl ether	N.D.	2.	ug/l	96		74-125		
Ethyl t-butyl ether	N.D.	2.	ug/l	104		74-120		
t-Amyl methyl ether	N.D.	2.	ug/l	107		71-114		
t-Butyl alcohol	N.D.	100.	ug/l	118		59-139		
1,2-Dichloroethane	N.D.	2.	ug/l	104		77-132		
1,2-Dibromoethane	N.D.	2.	ug/l	108		84-119		

*- 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: Chevron Products Company
Reported: 04/03/02 at 07:36 AM

Group Number: 801081

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 02080A56A	Sample number(s): 3792004								
Benzene	111	116	77-131	5	30				
Toluene	108	113	80-128	4	30				
Ethylbenzene	108	112	76-132	4	30				
Total Xylenes	108	112	76-132	4	30				
Methyl tert-Butyl Ether	102	107	61-144	4	30				
TPH-GRO - Waters	98	97	74-132	1	30				
Batch number: 02080A56B	Sample number(s): 3792000-3792003								
Benzene	111	116	77-131	5	30				
Toluene	108	113	80-128	4	30				
Ethylbenzene	108	112	76-132	4	30				
Total Xylenes	108	112	76-132	4	30				
Methyl tert-Butyl Ether	102	107	61-144	4	30				
TPH-GRO - Waters	98	97	74-132	1	30				
Batch number: 02081A55A	Sample number(s): 3791996								
Benzene	106		77-131						
Toluene	114		80-128						
Ethylbenzene	119		76-132						
Total Xylenes	117		76-132						
Methyl tert-Butyl Ether	100		61-144						
TPH-GRO - Waters	111		74-132						
Batch number: 02081A55B	Sample number(s): 3791997-3791999								
Benzene	106		77-131						
Toluene	114		80-128						
Ethylbenzene	119		76-132						
Total Xylenes	117		76-132						
Methyl tert-Butyl Ether	100		61-144						
TPH-GRO - Waters	111		74-132						
Batch number: V020821AB	Sample number(s): 3791997-3791998								
Ethanol	85	92	70-130	8	30				
Methyl t-butyl ether	105	104	69-134	1	30				
di-Isopropyl ether	102	99	68-133	3	30				
Ethyl t-butyl ether	104	106	73-123	1	30				
t-Amyl methyl ether	106	106	69-118	1	30				
t-Butyl alcohol	106	109	51-148	2	30				
1,2-Dichloroethane	106	103	75-141	2	30				
1,2-Dibromoethane	101	104	78-120	3	30				
Batch number: V020841AA	Sample number(s): 3792003-3792004								

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

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Quality Control Summary

Client Name: Chevron Products Company
Reported: 04/03/02 at 07:36 AM

Group Number: 801081

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethanol	93	88	70-130	5	30				
Methyl t-butyl ether	105	107	69-134	2	30				
di-Isopropyl ether	96	98	68-133	2	30				
Ethyl t-butyl ether	103	105	73-123	1	30				
t-Amyl methyl ether	103	105	69-118	2	30				
t-Butyl alcohol	112	112	51-148	0	30				
1,2-Dichloroethane	112	114	75-141	2	30				
1,2-Dibromoethane	101	99	78-120	2	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 02080A56A

	Trifluorotoluene-F	Trifluorotoluene-P
3792004	93	98
Blank	94	101
LCS	108	100
MS	102	98
MSD	108	98
Limits:	67-135	71-130

Analysis Name: TPH-GRO - Waters
Batch number: 02080A56B

	Trifluorotoluene-F	Trifluorotoluene-P
3792000	101	102
3792001	100	105
3792002	99	105
3792003	99	99
Blank	97	99
LCS	108	100
MS	102	98
MSD	108	98
Limits:	67-135	71-130

Analysis Name: TPH-GRO - Waters
Batch number: 02081A55A

	Trifluorotoluene-F	Trifluorotoluene-P
3791996	101	87
Blank	101	87
LCS	112	87
LCSD	111	86
MS	110	86

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Quality Control Summary

Client Name: Chevron Products Company
Group Number: 801081
Reported: 04/03/02 at 07:36 AM

Surrogate Quality Control

Limits: 67-135 71-130

Analysis Name: TPH-GRO - Waters
Batch number: 02081A55B

	Trifluorotoluene-F	Trifluorotoluene-P
3791997	103	87
3791998	105	86
3791999	102	86
Blank	104	87
LCS	112	87
LCSD	111	86
MS	110	86
Limits:	67-135	71-130

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: V020821AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3791997	108	107	108	102
3791998	104	107	107	101
Blank	106	110	107	103
LCS	109	107	108	106
MS	110	107	107	107
MSD	109	104	108	106
Limits:	86-118	80-120	88-110	86-115

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: V020841AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3792003	111	107	107	105
3792004	112	105	107	105
Blank	108	100	107	103
LCS	109	107	107	105
MS	109	107	106	107
MSD	110	105	109	109
Limits:	86-118	80-120	88-110	86-115

*- Outside of specification
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