GETTLER-RYAN INC.

TRANSMITTAL

NOV 16 2001

October 30, 2001
G-R #385203

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

CC: Mr. Thomas Bauhs
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: Former Chevron Service Station
#9-2506
2630 Broadway
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 24, 2001	Groundwater Monitoring and Sampling Report Second Semi-Annual - Event of September 21, 2001

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 ***November 13, 2001***, at which time the final report will be distributed to the following:

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

Enclosures

trans/9-2506-TB

GETTLER-RYAN INC.

October 24, 2001
G-R Job #385203

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: Second Semi-Annual Event of September 21, 2001
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

Dear Mr. Bauhs:

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

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

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

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

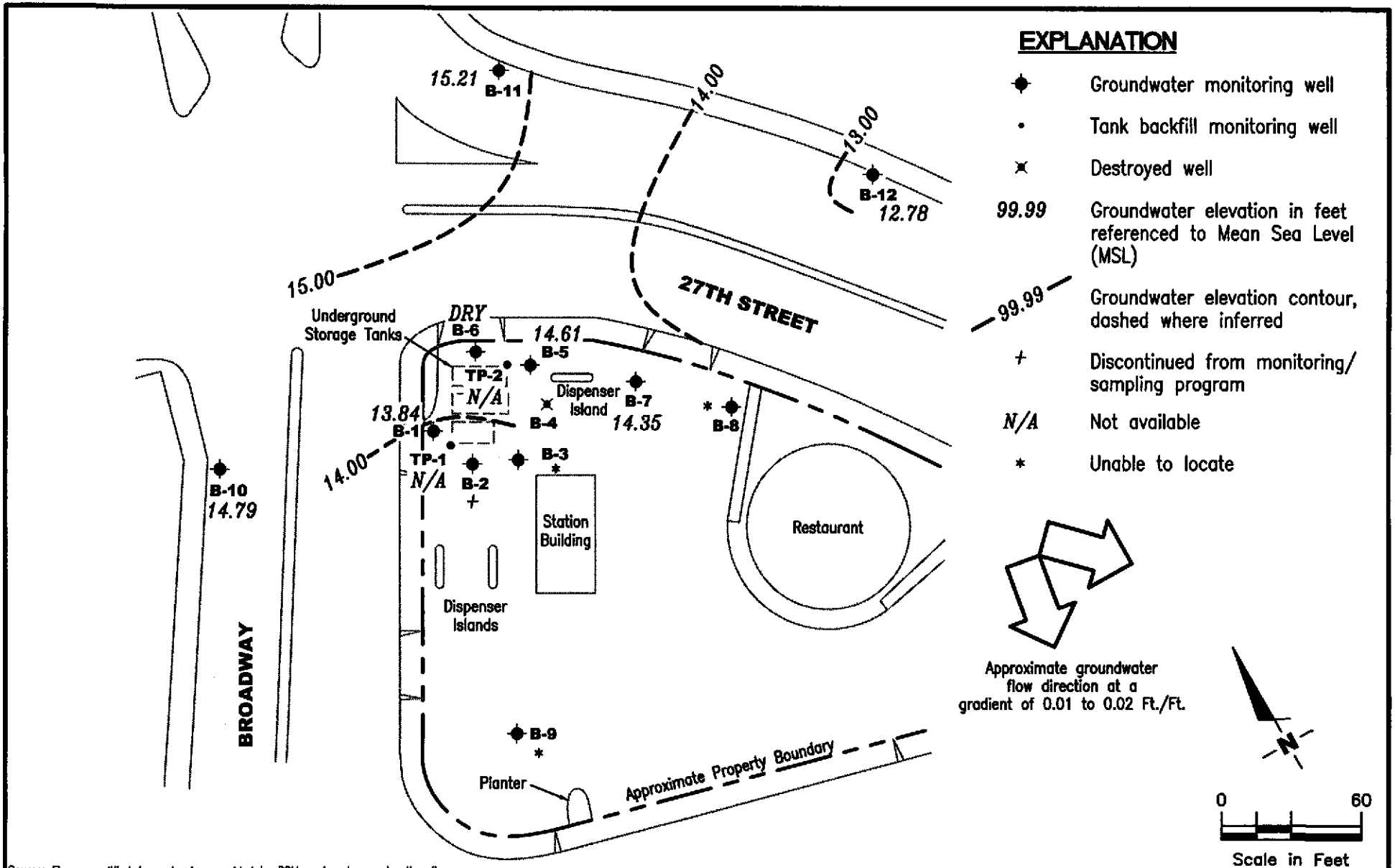
Sincerely,

Anamarie Nescau
- FOR -
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: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



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

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

POTENTIOMETRIC MAP
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
385203		September 21, 2001	

FILE NAME: P:\ENVIRO\CHEVRON\9-2506\Q01-9-2506.DWG | Layout Tab: Pot3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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											
03/18/82	23.00	15.19	7.81	--	--	--	--	--	--	--	--
03/25/82	23.00	14.33	8.67	--	--	--	--	--	--	--	--
05/21/82	23.00	13.70	9.30	--	--	--	--	--	--	--	--
05/26/82	23.00	12.82	10.18	--	--	--	--	--	--	--	--
06/24/82	23.00	13.08	9.92	--	--	--	--	--	--	--	--
09/09/93	23.00	13.10	9.90	--	--	8,800[1]	240	280	<2.5	<7.5	--
12/02/93	23.00	13.90	9.10	--	--	1,100	100	7.9	3.4	3.9	--
03/17/94	23.00	13.59	9.41	--	--	1,600	370	13	13	26	--
06/10/94	23.00	13.11	9.89	--	--	1,400	270	24	18	78	--
09/15/94	23.00	11.76	11.24	--	--	4,100	740	<5.0	270	300	--
12/28/94	25.67	16.42	9.25	--	--	1,200	200	32	37	79	--
03/29/95	25.67	17.35	8.32	--	--	13,000	540	54	77	120	--
06/05/95	25.67	15.95	9.72	--	--	3,000	610	<25	<25	<25	--
09/21/95	25.67	14.75	10.92	--	--	630[1]	5.4	<0.5	1.3	6.1	--
12/22/95	25.67	15.53	10.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	40,000
03/22/96	25.67	16.84	8.83	--	--	<1,200[1]	150	<12	<12	<12	32,000
09/25/96	25.67	14.87	10.80	--	--	28,000[1]	19	<12	<12	<12	38,000
03/06/97	25.67	16.52	9.15	--	--	<5,000	52	<50	<50	<50	18,000
09/12/97	25.67	14.95	10.72	--	--	89	<0.5	0.54	<0.5	1.3	9,200
04/02/98	25.67	16.41	9.26	--	--	<5,000	110	<50	<50	<50	25,000
09/15/98	25.67	15.15	10.52	--	--	<5,000	270	<50	<50	<60	51,000
03/09/99	25.69	17.44	8.25	--	--	418	27.2	<0.5	2.12	2.23	20,000/27,000[4]
07/29/99[5]	25.69	15.24	10.45	--	--	--	--	--	--	--	--
09/15/99	25.69	12.49	13.20	--	--	<2,000	<20	<20	<20	<20	37,000
03/01/00	25.69	14.24	11.45	--	--	308	<0.5	<0.5	<0.5	<0.5	23,000
08/31/00[7]	25.69	13.31	12.38	0.00	0.00	<500	<5.00	<5.00	<5.00	<5.00	20,600
03/09/01[7]	25.69	16.93	8.76	0.00	0.00	<1,000	<10.0	<10.0	<10.0	<10.0	15,600
09/21/01[7]	**25.69**	**13.84**	**11.85**	**0.00**	**0.00**	**350**	**0.89**	**<0.50**	**<0.50**	**<1.5**	**9,500/9,400[12]**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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											
03/18/82	22.28	18.45	3.83	--	--	--	--	--	--	--	--
03/25/82	22.28	16.49	5.79	--	--	--	--	--	--	--	--
05/21/82	22.28	17.43	4.85	--	--	--	--	--	--	--	--
05/26/82	22.28	13.75	8.53	--	--	--	--	--	--	--	--
06/24/82	22.28	13.88	8.40	--	--	--	--	--	--	--	--
09/09/93	22.28	15.82	6.46	--	--	4,700	470	630	180	590	--
12/02/93	22.28	16.87	5.41	--	--	2,200	59	27	110	350	--
03/17/94	22.28	14.84	7.44	--	--	1,800	52	33	97	320	--
06/10/94	22.28	14.13	8.15	--	--	1,200	37	48	20	93	--
09/15/94	22.28	12.28	10.00	--	--	4,900	710	12	340	450	--
12/28/94	25.13	17.81	7.32	--	--	2,600	63	49	56	370	--
03/09/95[2]	--	--	--	--	--	--	--	--	--	--	--
03/09/01[2]	25.11	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
B-3											
03/18/82	21.78	16.13	5.65	--	--	--	--	--	--	--	--
03/25/82	21.78	16.03	5.75	--	--	--	--	--	--	--	--
05/21/82	21.78	16.20	5.58	--	--	--	--	--	--	--	--
05/26/82	21.78	13.79	7.99	--	--	--	--	--	--	--	--
06/24/82	21.78	14.10	7.68	--	--	--	--	--	--	--	--
09/09/93	21.78	15.79	5.99	--	--	7,800	500	760	180	720	--
12/02/93	21.78	16.08	5.70	--	--	9,800	790	870	380	1,500	--
03/17/94	21.78	15.28	6.50	--	--	2,400	88	55	74	270	--
06/10/94	21.78	14.55	7.23	--	--	2,300	110	95	84	240	--
09/15/94	21.78	12.62	9.16	--	--	5,000	670	9.3	340	410	--
12/28/94	24.35	17.91	6.44	--	--	4,100	650	34	320	440	--
03/29/95	24.35	18.88	5.47	--	--	3,300	170	2.2	51	8.9	--
06/05/95	24.35	17.30	7.05	--	--	2,500	850	31	170	85	--
09/21/95	24.35	15.43	8.92	--	--	2,900[1]	1,300	280	140	100	--
12/22/95	24.35	15.82	8.53	--	--	5,400[1]	340	37	150	460	8,600

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Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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)											
03/22/96	24.35	18.37	5.98	--	--	2,200	79	50	58	200	1,600
09/25/96	24.35	15.33	9.02	--	--	11,000	530	97	74	400	7,200
03/06/97	24.35	17.64	6.71	--	--	<500	20	<5.0	<5.0	<5.0	420
09/12/97	24.35	15.04	9.31	--	--	<500[1]	<5.0	<5.0	<5.0	<5.0	1,900
04/02/98	24.35	17.02	7.33	--	--	110	8.3	0.79	4.0	7.4	590
09/15/98[3]	24.35	15.73	8.62	--	--	100	<0.5	<0.5	<0.5	<0.6	940
03/09/99	24.43	18.97	5.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	25.2/31.6[4]
07/29/99[5]	24.43	15.51	8.92	--	--	--	--	--	--	--	--
09/15/99	24.43	14.43	10.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	1,300
03/01/00[6]	24.43	16.88	7.55	--	0.40	--	--	--	--	--	--
08/31/00[7]	24.43	13.90	10.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	3,230
03/09/01[7]	24.43	19.37	5.06	0.00	0.00	<250	<2.50	<2.50	<2.50	<2.50	3,370
09/21/01	**24.43**	**UNABLE TO LOCATE - PAVED OVER**			--	--	--	--	--	--	--
B-4											
03/18/82	21.35	16.70	4.65	--	--	--	--	--	--	--	--
03/25/82	21.35	16.27	5.08	--	--	--	--	--	--	--	--
05/21/82	21.35	--	--	SPH	--	--	--	--	--	--	--
05/26/82	21.35	12.14	9.21	--	--	--	--	--	--	--	--
06/24/82	21.35	13.13	8.22	SPH	--	--	--	--	--	--	--
09/09/93	21.35	15.26	6.09	--	--	88,000	3,200	16,000	2,000	9,500	--
12/02/93	21.35	15.81	5.54	--	--	110,000	3,600	25,000	2,800	15,000	--
03/17/94	21.35	15.35	6.00	--	--	60,000	1,400	16,000	1,800	8,900	--
06/10/94	21.35	14.48	6.87	--	--	25,000	770	880	190	1,100	--
09/15/94	21.35	12.61	8.74	--	--	3,300	800	8.0	300	350	--
12/28/94	24.11	18.37	5.74	--	--	17,000	400	4,000	630	2,900	--
03/29/95[2] DESTROYED	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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-5											
03/18/82	21.53	16.40	5.13	--	--	--	--	--	--	--	--
03/25/82	21.53	16.26	5.27	--	--	--	--	--	--	--	--
05/21/82	21.53	17.13	4.40	--	--	--	--	--	--	--	--
05/26/82	21.53	13.98	7.55	--	--	--	--	--	--	--	--
06/24/82	21.53	14.26	7.27	--	--	--	--	--	--	--	--
09/09/93	21.53	15.08	6.45	--	--	110,000	1,800	1,800	6,300	25,000	--
12/02/93	21.53	16.40	5.13	--	--	81,000	4,400	3,800	6,700	28,000	--
03/17/94	21.53	14.98	6.55	--	--	38,000	2,100	3,100	1,800	9,100	--
06/10/94	21.53	14.19	7.34	--	--	110,000	5,100	7,000	5,400	27,000	--
09/15/94	21.53	15.19	6.34	--	--	2,700	770	15	240	320	--
12/28/94	24.23	17.68	6.55	--	--	94,000	4,600	10,000	4,400	19,000	--
03/29/95	24.23	18.64	5.59	--	--	59,000	1,500	3,100	2,100	8,100	--
06/05/95	24.23	17.04	7.19	--	--	58,000	2,300	4,300	2,600	11,000	--
09/21/95	24.23	15.13	9.10	--	--	3,500[1]	300	30	260	330	--
12/22/95	24.23	15.62	8.61	--	--	6,500[1]	370	120	400	870	5,500
03/22/96	24.23	18.21	6.02	--	--	13,000	410	1,000	750	2,900	5,400
09/25/96	24.23	15.03	9.20	--	--	8,000	170	<5.0	140	110	7,200
03/06/97	24.23	17.60	6.63	--	--	60,000	630	320	2,300	9,500	4,700
09/12/97	24.23	15.93	8.30	--	--	1,400	66	<10	59	24	3,300
04/02/98	24.23	17.00	7.23	--	--	1,000[1]	5.9	2.1	18	5.1	470
09/15/98	24.23	15.70	8.53	--	--	11,000	250	<100	290	740	4,600
03/09/99	24.23	18.79	5.44	--	--	51,900	598	623	3,070	11,400	2,250/2,970[4]
07/29/99[5]	24.23	16.13	8.10	--	--	--	--	--	--	--	--
09/15/99	24.23	14.27	9.96	--	--	3,500	210	39	63	230	6,300
03/01/00	24.23	18.09	6.14	--	--	32,400	238	110	1,710	6,500	1,300
08/31/00[7]	24.23	15.25	8.98	0.00	0.00	4,730[8]	55.5	<5.00	246	613	2,420
03/09/01	24.24	UNABLE TO LOCATE - WELL COVERED WITH DIRT AND ROCKS					--	--	--	--	--
09/21/01[7]	**24.24**	**14.61**	**9.63**	**0.00**	**0.00**	**1,400**	**9.1**	**<0.50**	**6.2**	**24**	**1,700/1,600[12]**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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-6											
03/18/82	22.03	14.47	7.56	--	--	--	--	--	--	--	--
03/25/82	22.03	15.95	6.08	--	--	--	--	--	--	--	--
05/21/82	22.03	17.18	4.85	--	--	--	--	--	--	--	--
05/26/82	22.03	13.72	8.31	--	--	--	--	--	--	--	--
06/24/82	22.03	14.00	8.03	--	--	--	--	--	--	--	--
09/09/93	22.03	13.91	8.12	--	--	6,800[1]	<0.5	<0.5	<0.5	<1.5	--
12/02/93	22.03	14.97	7.06	--	--	320	29	<0.5	<0.5	<0.5	--
03/17/94	22.03	14.46	7.57	--	--	570	130	6.2	4.7	14	--
06/10/94	22.03	13.82	8.21	--	--	1,500	100	81	51	240	--
09/15/94	22.03	12.09	9.94	--	--	6,400	900	24	490	620	--
12/28/94	24.72	17.27	7.45	--	--	350	110	4.4	3.7	14	--
03/29/95	24.72	18.32	6.40	--	--	3,300	46	<0.5	1.3	1.2	--
06/05/95	24.72	16.65	8.07	--	--	230	<0.5	<0.5	<0.5	<0.5	--
09/21/95	24.72	15.17	9.55	--	--	<50[1]	<0.5	<0.5	<0.5	<0.5	--
12/22/95	24.72	15.81	8.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	15,000
03/22/96	24.72	17.78	6.94	--	--	<1,200[1]	<12	<12	<12	<12	18,000
09/25/96	24.72	15.09	9.63	--	--	15,000[1]	<10	<10	<10	<10	20,000
03/06/97	24.72	17.22	7.50	--	--	<5,000	<50	<50	<50	<50	18,000
09/12/97	24.72	15.02	9.70	--	--	<100[1]	<1.0	<1.0	<1.0	<1.0	1,300
04/02/98	24.72	16.91	7.81	--	--	<500	17	<5.0	<5.0	<5.0	5,800
09/15/98	24.72	15.69	9.03	--	--	210	<1.0	<1.0	<1.0	<1.2	8,800
03/09/99	25.16	18.49	6.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	18.5/18.4[4]
07/29/99[5]	25.16	15.91	9.25	--	--	--	--	--	--	--	--
09/15/99	25.16	DRY	--	--	--	--	--	--	--	--	--
03/01/00	25.16	18.70	6.46	--	--	UNABLE TO SAMPLE		--	--	--	--
08/31/00[7]	25.16	DRY	--	--	--	--	--	--	--	--	--
03/09/01	25.11	19.25	5.86	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	49.7
09/21/01[11]	**25.11**	**DRY**	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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											
03/18/82	19.54	15.46	4.08	--	--	--	--	--	--	--	--
03/25/82	19.54	15.54	4.00	--	--	--	--	--	--	--	--
05/21/82	19.54	16.54	3.00	--	--	--	--	--	--	--	--
05/26/82	19.54	14.58	4.96	--	--	--	--	--	--	--	--
06/24/82	19.54	14.64	4.90	--	--	--	--	--	--	--	--
09/09/93	19.54	13.00	6.54	--	--	230	1.3	2.3	0.6	2.1	--
12/02/93	19.54	13.34	6.20	--	--	190	4.7	<0.5	1.1	1.9	--
03/17/94	19.54	14.35	5.19	--	--	320	15	3.3	1.0	3.0	--
06/10/94	19.54	13.57	5.97	--	--	210	6.1	5.7	2.3	5.8	--
09/15/94	19.54	11.76	7.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	22.22	17.18	5.04	--	--	520	17	4.8	2.5	2.1	--
03/29/95	22.22	17.87	4.35	--	--	420	6.0	2.3	1.8	0.9	--
06/05/95	22.22	16.43	5.79	--	--	65	<0.5	<0.5	<0.5	<0.5	--
09/21/95	22.22	14.67	7.55	--	--	<50[1]	<0.5	<0.5	<0.5	<0.5	--
12/22/95	22.22	13.06	9.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	930
03/22/96	22.22	17.62	4.60	--	--	300	1.0	0.5	<0.5	0.6	280
09/25/96	22.22	14.24	7.98	--	--	310[1]	<0.5	0.6	<0.5	0.8	420
03/06/97	22.22	17.16	5.06	--	--	1,200	9.0	<0.5	<0.5	2.9	1,000
09/12/97	22.22	14.37	7.85	--	--	<500[1]	<5.0	<5.0	<5.0	<5.0	3,500
04/02/98	22.22	17.90	4.32	--	--	<500	26	1.0	9.0	20	2,200
09/15/98	22.22	15.24	6.98	--	--	330	<0.5	<0.5	<0.5	<0.6	1,200
03/09/99	22.19	17.99	4.20	--	--	607	18.1	<5.0	<5.0	5.64	3,080/5,070[4]
07/29/99[5]	22.19	15.39	6.80	--	--	--	--	--	--	--	--
09/15/99	22.19	12.70	9.49	--	--	150	<0.5	<0.5	<0.5	0.64	1,100
03/01/00	22.19	17.22	4.97	--	--	230	<0.5	<0.5	<0.5	<0.5	557
08/31/00[7]	22.19	14.71	7.48	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	85.7
03/09/01[7]	22.18	18.54	3.64	0.00	0.00	235[9]	<0.500	<0.500	<0.500	<0.500	236
09/21/01[7]	**22.18**	**14.35**	**7.83**	**0.00**	**0.00**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[12]**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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-8											
03/18/82	18.49	14.22	4.27	--	--	--	--	--	--	--	--
03/25/82	18.49	14.43	4.06	--	--	--	--	--	--	--	--
05/21/82	18.49	13.63	4.86	--	--	--	--	--	--	--	--
05/26/82	18.49	13.53	4.96	--	--	--	--	--	--	--	--
06/24/82	18.49	13.62	4.87	--	--	--	--	--	--	--	--
09/09/93	18.49	13.29	5.20	--	--	<50	3.4	<0.5	<0.5	<1.5	--
12/02/93	18.49	13.18	5.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	18.49	13.62	4.87	--	--	<50	1.7	0.5	<0.5	0.6	--
06/10/94	18.49	12.86	5.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	18.49	11.39	7.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	21.01	16.38	4.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	21.01	16.81	4.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	21.01	15.83	5.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	21.01	14.21	6.80	--	--	<50[1]	<0.5	<0.5	<0.5	<0.5	--
12/22/95	21.01	14.53	6.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	190
03/22/96	21.01	16.52	4.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	86
09/25/96	21.01	13.83	7.18	--	--	90[1]	<0.5	<0.5	<0.5	1.0	110
03/06/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	--
09/12/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	--
04/02/98	21.01	16.79	4.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	56
09/15/98	21.01	14.03	6.98	--	--	<50	<0.5	<0.5	<0.5	<0.6	54
03/09/99	20.99	17.30	3.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	20.99	13.60	7.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	52
03/01/00	20.99	17.43	3.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	20.4
08/31/00	20.99	13.90	7.09	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	29.3
03/09/01	21.00	UNABLE TO LOCATE - WELL COVERED WITH DIRT					--	--	--	--	--
09/21/01	**21.01**	**UNABLE TO LOCATE - WELL COVERED WITH DIRT**					--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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-9											
08/04/94	--	14.08	11.53	--	--	650	4.4	2.4	6.3	14	--
11/02/94	--	16.19	9.42	--	--	--	--	--	--	--	--
12/28/94	25.61	17.26	8.35	--	--	2,400	290	8.4	90	36	--
03/29/95	25.61	18.18	7.43	--	--	5,900	540	24	200	84	--
06/05/95	25.61	17.14	8.47	--	--	3,000	130	<25	<25	<25	--
09/21/95	25.61	16.62	8.99	--	--	240[1]	1,500	14	62	55	--
12/22/95	25.61	16.41	9.20	--	--	1,800	170	6.6	59	20	<6.0
03/22/96	25.61	17.77	7.84	--	--	2,400	230	6.2	77	9.7	9.2
09/25/96	25.61	16.37	9.24	--	--	1,800	28	4.7	39	13	56
03/06/97	25.61	17.15	8.46	--	--	3,400	68	3.3	45	18	47
09/12/97	25.61	16.46	9.15	--	--	560	13	7.9	5.8	16	67
04/02/98	25.61	17.68	7.93	--	--	2,500[1]	93	14	15	39	30
09/15/98[3]	25.61	16.54	9.07	--	--	1,400	<0.5	<0.5	<0.5	<0.6	69
03/09/99	22.93	16.05	6.88	--	--	1,160	133	10.1	7.5	3.27	178
07/29/99[5]	22.93	14.05	8.88	--	--	--	--	--	--	--	--
09/15/99	22.93	13.38	9.55	--	--	62	2.4	<0.5	<0.5	0.93	140
03/01/00	22.93	16.28	6.65	--	--	335	16.5	0.649	1.49	1.15	132
08/31/00[7]	22.93	13.59	9.34	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01[7]	22.93	16.58	6.35	0.00	0.00	1,840[10]	66.8	<2.00	7.61	7.42	<20.0
09/21/01	**22.93**	**UNABLE TO LOCATE - PAVED OVER**			--	--	--	--	--	--	--
B-10											
08/04/94	--	12.20	10.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	11.96	11.19	--	--	--	--	--	--	--	--
12/28/94	23.15	12.85	10.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	23.15	13.47	9.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	23.15	12.56	10.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	23.15	12.28	10.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	23.15	12.74	10.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	23.15	13.04	10.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	23.15	13.00	10.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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-10 (cont)											
03/06/97	23.15	13.17	9.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	23.15	12.25	10.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	23.15	12.97	10.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98[3]	23.15	12.24	10.91	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	25.56	INACCESSIBLE		--	--	--	--	--	--	--	--
03/19/99	25.56	15.51	10.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/99	25.56	14.80	10.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/01/00	25.56	15.78	9.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	25.56	14.88	10.68	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	25.56	15.53	10.03	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	**25.56**	**14.79**	**10.77**	**0.00**	**0.00**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[12]**
B-11											
08/04/94	--	14.84	10.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	13.73	11.50	--	--	--	--	--	--	--	--
12/28/94	25.23	16.14	9.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	25.23	17.83	7.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	25.23	16.97	8.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	25.23	15.44	9.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	25.23	15.68	9.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	25.23	17.88	7.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	25.23	15.02	10.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	25.23	17.47	7.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	25.23	15.15	10.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.5
04/02/98	25.23	18.30	6.93	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	25.23	16.07	9.16	--	--	<50	0.82	1.5	<0.5	2.0	<10
03/09/99	25.27	18.39	6.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	25.27	15.58	9.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506
2630 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-11 (cont)											
03/01/00	25.27	18.85	6.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	25.27	15.97	9.30	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	25.27	18.72	6.55	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	**25.27**	**15.21**	**10.06**	**0.00**	**0.00**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[12]**
B-12											
08/04/94	--	13.99	6.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	11.65	8.75	--	--	--	--	--	--	--	--
12/28/94	20.40	17.64	2.76	--	--	74	1.0	2.6	1.3	4.4	--
03/29/95	20.40	17.94	2.46	--	--	210	<0.5	<0.5	0.7	1.6	--
06/05/95	20.40	15.81	4.59	--	--	<50	<0.5	<0.5	<0.5	0.7	--
09/21/95	20.40	13.04	7.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	20.40	16.44	3.96	--	--	140[1]	<0.5	<0.5	<0.5	0.93	<0.6
03/22/96	20.40	17.48	2.92	--	--	150	<0.5	0.8	<0.5	2.0	<5.0
09/25/96	20.40	12.56	7.84	--	--	90	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	20.40	17.23	3.17	--	--	270[1]	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	20.40	13.59	6.81	--	--	130[1]	<1.0	<1.0	<1.0	<1.0	<5.0
04/02/98	20.40	18.26	2.14	--	--	110[1]	1.2	<0.5	<0.5	<0.5	12
09/15/98	20.40	14.07	6.33	--	--	130	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	20.40	17.95	2.45	--	--	1,380	<10	<10	<10	<10	<100
09/15/99	20.40	13.69	6.71	--	--	320	<0.5	<0.5	<0.5	1.1	<2.5
03/01/00	20.40	17.55	2.85	--	--	206	<1.0	<1.0	<1.0	<1.0	<5.0
08/31/00	20.40	13.90	6.50	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	20.40	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
09/21/01	**20.41**	**12.78**	**7.63**	**0.00**	**0.00**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[12]**
TP-1											
09/09/93	--	--	7.33	--	--	8,500	770	890	120	590	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 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)
TP-2											
09/09/93	--	--	6.18	--	--	13,000	2,400	3,200	380	1,900	--
BAILER BLANK											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.6	--
TRIP BLANK											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/10/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
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	0.55	<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	<0.6	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.5
03/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	--	--	--	--	--	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 Broadway

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 31, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
SPHT = Separate Phase Hydrocarbon Thickness
SPH = Separate Phase Hydrocarbons
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed

* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a disc in a monument well in the sidewalk on Broadway, near the southwest corner of the site. (Benchmark Elevation = 24.182 feet, msl).

1 Chromatogram pattern indicated an unidentified hydrocarbon.
2 Well removed from monitoring program January 11, 1995, per approval of Alameda County Health Services.
3 Well analyzed for Semi-Volatile Organics Compounds (SVOCs). All compounds were not detected (ND).
4 Confirmation run.
5 ORC installed.
6 Free product encountered during purge.
7 ORC in well.
8 Laboratory report indicates gasoline C6-C12.
9 Laboratory report indicates unidentified hydrocarbons C6-C12.
10 Laboratory report indicates weathered gasoline C6-C12.
11 Removed and replaced ORC in well.
12 MTBE by EPA Method 8260.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-2506

2630 Broadway

Oakland, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-1	09/21/01	3,200	9,400	<2	21	130	<2	<2
B-3	09/21/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--
B-5	09/21/01	210	1,600	<2	39	25	<2	<2
B-6	09/21/01	DRY	--	--	--	--	--	--
B-7	09/21/01	<100	<2	<2	<2	<2	<2	<2
B-8	09/21/01	UNABLE TO LOCATE - WELL COVERED WITH DIRT				--	--	--
B-9	09/21/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--
B-10	09/21/01	<100	<2	<2	<2	<2	<2	<2
B-11	09/21/01	<100	<2	<2	<2	<2	<2	<2
B-12	09/21/01	<100	<2	<2	<2	<2	<2	<2

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-2506

2630 Broadway

Oakland, California

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
-- = Not Analyzed

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.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Chevron # 9-2506 Job#: 385203

Address: 2630 Broadway Date: 9.21.01

City: Oakland, CA Sampler: T.C

Well ID: B-1 Well Condition: O.K

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

Total Depth: 28.95 ft.

Depth to Water: 11.85 ft.

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

17.10 X VF .17 = 2.9 X 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

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

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

Starting Time: 1420 Weather Conditions: SUNNY

Sampling Time: 1440 Water Color: LGT. BROWN Odor: N

Purging Flow Rate: — gpm. Sediment Description:

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1424	3.0	7.31	792	71.2			
1429	6.0	7.21	762	70.6			
1435	8.5	7.18	759	70.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-1	6 x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE (7) Oxy 8260

COMMENTS: OIL IN well, TOOK TWD BECAUSE IT LOOKED LIKE SAND WAS Dumped DOWN WELL.

S:\97-forms.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Chevron # 9-2506 Job#: 385203

Address: 2630 Broadway Date: 9-21-01

City: Oakland, CA Sampler: T. C

Well ID: B-3 Well Condition: PAVED OVER UTL

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

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 °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: THIS well WAS PAVED OVER, SPENT ALOT OF TIME TRYING TO LOCATE well.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Chevron # 9-2506 | Job#: 385203
Address: 2630 Broadway | Date: 9-21-01
City: Oakland, CA | Sampler: T.C

Well ID: B-5 | Well Condition: O.k / Broken Flange
Well Diameter: 2 in. | Hydrocarbon Thickness: 0 in. | Amount Bailed (product/water): 0 (gal.)
Total Depth: 19.26 ft.
Depth to Water: 9.63 ft.

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

9.63 x VF .17 = 1.6 x 3 (case volume) = Estimated Purge Volume: 5.0 (gal.)

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

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

Starting Time: 1225
Sampling Time: 1240
Purging Flow Rate: ____ gpm.
Did well de-water? N

Weather Conditions: Sunny
Water Color: Black | Odor: Yes
Sediment Description: Silty
If yes; Time: ____ | Volume: ____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1229	1.5	7.42	624	70.1			
1234	3.0	7.31	583	69.7			
1238	5.0	7.02	572	69.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-5	6 x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE (7) Days 8260

COMMENTS: ORC IN well, ORC IS BLACK, Well HAS BROKEN FLANG, LID TYPE IS FEMCO WHEATON
A721-00

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: Chevron # 9-2506
Job#: 385203
Address: 2630 Broadway
Date: 9-21-01
City: Oakland, CA
Sampler: TC

Well ID: B-6
Well Condition: LID AND well HEAD CAME OUT OF CONCRETE (HAD TO REMOVE GLUED ON PVC AND METAL LID TO REMOVE ORC)
Well Diameter: 2 in.
Hydrocarbon Thickness: Ø in.
Amount Bailed (product/water): Ø (gal.)
Total Depth: 8.97 ft.
Depth to Water: Dry 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: well HEAD NEEDS REPAIR (EMCO WHEATON A721-00) SPENT ALOT OF TIME TRYING TO REMOVE ORC FROM well / RESTRUNG ORC AND REINSTALLED / well NEEDS TO BE RESURVEYED / REPLACED ... CAN'T ... ABOUT ... HAS ON THIS well.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron # 9-2506 Job#: 385203

Address: 2630 Broadway Date: 9-21-01

City: Oakland, CA Sampler: T.C

Well ID B-7 Well Condition: O.K

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

Total Depth 19.20 ft.

Depth to Water 7.83 ft.

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

11.37 X VF .17 = 1.9 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

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

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

Starting Time: 1350 Weather Conditions: Sunny

Sampling Time: 1407 Water Color: Brown Odor: N

Purging Flow Rate: — gpm. Sediment Description: Silty

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1353	2.0	7.32	822	70.1			
1356	4.0	7.19	791	69.8			
1402	5.5	7.12	788	69.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-7	6 x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE (7) Oxys & 8260

COMMENTS: ORC IN well.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron # 9-2506 Job#: 385203

Address: 3630 Broadway Date: 9-21-01

City: Oakland, CA Sampler: TC

Well ID B-8 Well Condition: UNABLE TO LOCATE ?

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

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 °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: UNABLE TO LOCATE well. Covered with Dirt

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron # 9-2506 Job#: 385203

Address: 3630 Broadway Date: 9-21-01

City: Oakland, CA Sampler: T-C

Well ID B-9 Well Condition: PAVED OVER 4T2

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

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:

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	Lancaster	TPHG/BTEX/MTBE

COMMENTS: THIS WELL WAS PAVED OVER, SPENT ALOT OF TIME LOOKING FOR THIS WELL.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Chevron # 9-2506 Job#: 385203

Address: 3630 Broadway Date: 9-21-01

City: Oakland, CA Sampler: T.C

Well ID: B-10 Well Condition: O.K

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

Total Depth: 19.00 ft.

Depth to Water: 10.77 ft.

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

8.23 x VF .17 = 1.3 x 3 (case volume) = Estimated Purge Volume: 4.0 (gal.)

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

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

Starting Time: 1610 Weather Conditions: Sunny

Sampling Time: 1624 Water Color: cloudy Odor: N

Purging Flow Rate: — gpm. Sediment Description:

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1613	1.5	7.18	802	71.2			
1615	3.0	7.24	783	71.0			
1618	4.0	7.16	776	70.8			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-10	6 x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE (7) DAYS 8260

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Chevron # 9-2506 | Job#: 385203

Address: 2630 Broadway | Date: 9-21-01

City: Oakland, CA | Sampler: T.C

Well ID: B-11 | Well Condition: O.K

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

Total Depth: 18.93 ft.

Depth to Water: 10.06 ft.

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

8.87 x VF .17 = 1.5 X 3 (case volume) = Estimated Purge Volume: 4.5 (gal.)

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

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

Starting Time: 1540 | Weather Conditions: Sunny

Sampling Time: 1552 | Water Color: cloudy | Odor: N

Purging Flow Rate: — gpm. | Sediment Description:

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1543	1.5	7.22	682	70.2			
1546	3.0	7.13	673	70.0			
1550	4.5	7.10	664	69.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-11	6 x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE 8260

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Chevron # 9-2506 Job#: 385203

Address: 3630 Broadway Date: 9-21-01

City: Oakland, CA Sampler: TC

Well ID: B-12 Well Condition: OK

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

Total Depth: 18.19 ft.

Depth to Water: 7.63 ft.

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

10.56 x VF .17 = 1.7 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

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

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

Starting Time: 1500 Weather Conditions: Sunny

Sampling Time: 1515 Water Color: cloudy Odor: Slight

Purging Flow Rate: — gpm. Sediment Description:

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1503	1.5	7.36	722	71.3			
1507	3.0	7.22	701	70.2			
1511	5.5	7.19	697	70.3			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-12	6 x VOA VIAL	Y	HCl	Lancaster	TPHG/BTEX/MTBE
					(7) Oxys 8260

COMMENTS:

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

240901-002

For Lancaster Laboratories use only
Acct. #: 10905 Sample #: 3694428-34 SCR#:

Facility #: 9-2506 Job #385203
Site Address: 2630 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 Canunda
Service Order #: ☐ Non SAR:

Analyses Requested — Preservation Codes: BTEX + MTBE: N; TPH 8015 MOD GRO: N; Oxygenates: H

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐							
TB-LB	9/21/01					X		2	X	X											
B-1	↓	1440	X			X		6	X	X			X								
B-5		1240	X			X		6	X	X			X								
B-7		1407	X			X		6	X	X			X								
B-10		1624	X			X		6	X	X			X								
B-11		1532	X			X		6	X	X			X								
B-12		1515	X			X		6	X	X			X								

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

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
Tony V. Canunda	9/21/01	0900	Denise Vance / Andres Amaya	9/24/01 / 9-24-01	1325 / 13:25
Denise Vance	9/24/01	1325			
Relinquished by Commercial Carrier: UPS (FedEx) Other			Received by: [signature]	9/26/01	0920
Temperature Upon Receipt 2.5 3.2 C°			Custody Seals Intact? (Yes) No		

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

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 779674. Samples arrived at the laboratory on Wednesday, September 26, 2001. The PO# for this group is 99011184 and the release number is BAUHS.

Client Description			Lancaster Labs Number
TB-LB	NA	Water	3694428
B-1	Grab	Water	3694429
B-5	Grab	Water	3694430
B-7	Grab	Water	3694431
B-10	Grab	Water	3694432
B-11	Grab	Water	3694433
B-12	Grab	Water	3694434

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,

Kevin R. Witman
Sr. Chemist

MEMBER ACIL
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 3694428

Collected:09/21/2001 00:00

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:15
Discard: 11/08/2001
TB-LB NA Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/29/2001 01:51	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/29/2001 01:51	Patrick N. Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2001 01:51	Patrick N. Evans	n.a.

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694429

Collected:09/21/2001 14:40 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:15
Discard: 11/08/2001
B-1 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-1

506B1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)						
01730	TPH-GRO N. California (waters)	n.a.	350.		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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)						
00776	Benzene	71-43-2	0.89	J	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	9,500.		15.	ug/l	50
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX + Oxygenates by 8260B						
02010	Methyl t-butyl ether	1634-04-4	9,400.		25.	ug/l	50
02011	di-Isopropyl ether	108-20-3	N.D.		2.	ug/l	2.5
02013	Ethyl t-butyl ether	637-92-3	21.		2.	ug/l	2.5
02014	t-Amyl methyl ether	994-05-8	130.		2.	ug/l	2.5
02015	t-Butyl alcohol	75-65-0	3,200.		100.	ug/l	2.5
05402	1,2-Dichloroethane	107-06-2	N.D.		2.	ug/l	2.5
05412	1,2-Dibromoethane	106-93-4	N.D.		2.	ug/l	2.5
	The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						

State of California Lab Certification No. 2116

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Lancaster Laboratories Sample No. WW 3694429

Collected:09/21/2001 14:40 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:15
Discard: 11/08/2001

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

B-1 Grab Water

GRD

Facility# 9-2506 Job# 385203
2630 BROADWAY-OAKLAND T0600101812 B-1

506B1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/30/2001 18:01	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/30/2001 18:01	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/30/2001 19:10	Patrick N. Evans	50
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 22:37	Nicole S. Albright	2.5
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 23:02	Nicole S. Albright	50
01146	GC VOA Water Prep	SW-846 5030B	1	09/30/2001 18:01	Patrick N. Evans	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2001 22:37	Nicole S. Albright	n.a.

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694430

Collected:09/21/2001 12:40 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:15
Discard: 11/08/2001
B-5 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-5

506B5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	1,400.	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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	9.1	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	6.2	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	24.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	1,700.	3.0	ug/l	10
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX + Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	1,600.	5.	ug/l	10
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	39.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	25.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	210.	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

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694430

Collected:09/21/2001 12:40 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:15
Discard: 11/08/2001
B-5 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-5

506B5

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/30/2001 17:27	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/29/2001 10:26	Patrick N. Evans	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/30/2001 17:27	Patrick N. Evans	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 18:38	Rachel K. Reese	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 19:57	Rachel K. Reese	10
01146	GC VOA Water Prep	SW-846 5030B	1	09/30/2001 17:27	Patrick N. Evans	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2001 18:38	Rachel K. Reese	n.a.

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3694431

Collected:09/21/2001 14:07 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001
B-7 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-7

506B7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX + Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	ug/l	1
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

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694431

Collected:09/21/2001 14:07 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001
B-7 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-7

506B7

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/29/2001 06:25	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/29/2001 06:25	Patrick N. Evans	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 16:29	Rachel K. Reese	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2001 06:25	Patrick N. Evans	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2001 16:29	Rachel K. Reese	n.a.

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694432

Collected:09/21/2001 16:24 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001
B-10 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-10

06B10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX + Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	ug/l	1
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

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694432

Collected:09/21/2001 16:24 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001
B-10 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-10

06B10

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/29/2001 07:00	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/29/2001 07:00	Patrick N. Evans	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 16:55	Rachel K. Reese	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2001 07:00	Patrick N. Evans	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2001 16:55	Rachel K. Reese	n.a.

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694433

Collected:09/21/2001 15:52 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001

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

B-11 Grab Water

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-11

06B11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX + Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	ug/l	1
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

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694433

Collected:09/21/2001 15:52 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001
B-11 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-11

06B11

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/29/2001 07:34	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/29/2001 07:34	Patrick N. Evans	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 17:22	Rachel K. Reese	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2001 07:34	Patrick N. Evans	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2001 17:22	Rachel K. Reese	n.a.

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3694434

Collected:09/21/2001 15:15 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001
B-12 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-12

06B12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX + Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	ug/l	1
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

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3694434

Collected:09/21/2001 15:15 by TC

Account Number: 10905

Submitted: 09/26/2001 09:20
Reported: 10/08/2001 at 10:16
Discard: 11/08/2001
B-12 Grab Water

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

Facility# 9-2506 Job# 385203 GRD
2630 BROADWAY-OAKLAND T0600101812 B-12

06B12

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/29/2001 08:08	Patrick N. Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/29/2001 08:08	Patrick N. Evans	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	09/28/2001 22:11	Nicole S. Albright	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2001 08:08	Patrick N. Evans	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2001 22:11	Nicole S. Albright	n.a.

Lancaster Laboratories
Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
Group Number: 779674
Reported: 10/08/01 at 10:16 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 01271A53	Sample number(s): 3694428-3694434							
Benzene	N.D.	0.5	ug/l	98	94	80-118	3	30
Toluene	N.D.	0.5	ug/l	96	94	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	99	94	81-119	4	30
Total Xylenes	N.D.	1.5	ug/l	98	93	82-120	5	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	101	102	79-127	1	30
TPH-GRO N. California (waters)	N.D.	50.	ug/l	97	90	76-119	7	20
Batch number: U012711AA	Sample number(s): 3694430-3694433							
Methyl t-butyl ether	N.D.	2.	ug/l	84		77-127		
di-Isopropyl ether	N.D.	2.	ug/l	87		74-125		
Ethyl t-butyl ether	N.D.	2.	ug/l	86		74-120		
t-Amyl methyl ether	N.D.	2.	ug/l	92		77-118		
t-Butyl alcohol	N.D.	100.	ug/l	106		58-147		
1,2-Dichloroethane	N.D.	2.	ug/l	95		84-131		
1,2-Dibromoethane	N.D.	2.	ug/l	99		84-119		
Batch number: U012711AB	Sample number(s): 3694429,3694434							
Methyl t-butyl ether	N.D.	2.	ug/l	84		77-127		
di-Isopropyl ether	N.D.	2.	ug/l	87		74-125		
Ethyl t-butyl ether	N.D.	2.	ug/l	86		74-120		
t-Amyl methyl ether	N.D.	2.	ug/l	92		77-118		
t-Butyl alcohol	N.D.	100.	ug/l	106		58-147		
1,2-Dichloroethane	N.D.	2.	ug/l	95		84-131		
1,2-Dibromoethane	N.D.	2.	ug/l	99		84-119		

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: U012711AA	Sample number(s): 3694430-3694433								
Methyl t-butyl ether	86	77	69-134	9	30				
di-Isopropyl ether	91	85	75-128	7	30				
Ethyl t-butyl ether	88	80	73-123	9	30				
t-Amyl methyl ether	92	84	69-126	10	30				
t-Butyl alcohol	93	89	50-157	4	30				
1,2-Dichloroethane	99	90	75-141	10	30				
1,2-Dibromoethane	96	88	78-120	9	30				
Batch number: U012711AB	Sample number(s): 3694429,3694434								
Methyl t-butyl ether	86	77	69-134	9	30				
di-Isopropyl ether	91	85	75-128	7	30				
Ethyl t-butyl ether	88	80	73-123	9	30				
t-Amyl methyl ether	92	84	69-126	10	30				
t-Butyl alcohol	93	89	50-157	4	30				
1,2-Dichloroethane	99	90	75-141	10	30				
1,2-Dibromoethane	96	88	78-120	9	30				

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

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Quality Control Summary

Client Name: Chevron Products Company
Group Number: 779674
Reported: 10/08/01 at 10:16 AM

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

Surrogate Quality Control

Analysis Name: TPH-GRO N. California (waters)
Batch number: 01271A53

	Trifluorotoluene-F	Trifluorotoluene-P
3694428	97	93
3694429	95	93
3694430	94	86
3694431	95	93
3694432	100	99
3694433	94	97
3694434	96	95
Blank	95	97
LCS	105	92
LCSD	105	94
Limits:	65-137	72-134

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: U012711AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3694430	96	96	94	94
3694431	98	93	98	92
3694432	98	97	98	95
3694433	96	90	97	92
Blank	94	91	97	92
LCS	96	95	97	95
MS	96	97	96	94
MSD	95	93	95	96
Limits:	86-118	80-120	88-110	86-115

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: U012711AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3694429	94	95	96	93
3694434	97	102	96	93
Blank	94	96	94	92
LCS	96	95	97	95
MS	96	97	96	94
MSD	95	93	95	96
Limits:	86-118	80-120	88-110	86-115

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

Client Name: Chevron Products Company
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Surrogate Quality Control

*- Outside of specification
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