GETTLER-RYAN INC.

April 24, 1996 Job #5203.80

Mr. Phil Briggs
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

Re: Chevron Service Station #9-2506
2630 Broadway
Oakland, California

Dear Mr. Briggs:

This report documents the quarterly groundwater sampling event performed by Gettler-Ryan Inc. (G-R). On March 22, 1996, field personnel were on-site to monitor and sample ten wells (B-1, B-3, B-5 through B-12) at Chevron Service Station #9-2506 located at 2630 Broadway in Oakland, California.

Static groundwater levels were measured on March 22, 1996. All wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the site wells. Static water level data and groundwater elevations are presented in Table 1. A potentiometric map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Quarterly Groundwater Sampling (attached). The field data sheets for this event are also attached. The samples were analyzed by GTEL Environmental Laboratories, Inc. Analytical results are presented in Table 1. The chain of custody document and laboratory analytical reports are attached.

Thank you for allowing Gettler-Ryan to provide environmental services to Chevron. Please call if you have any questions or comments regarding this report.

Sincerely,

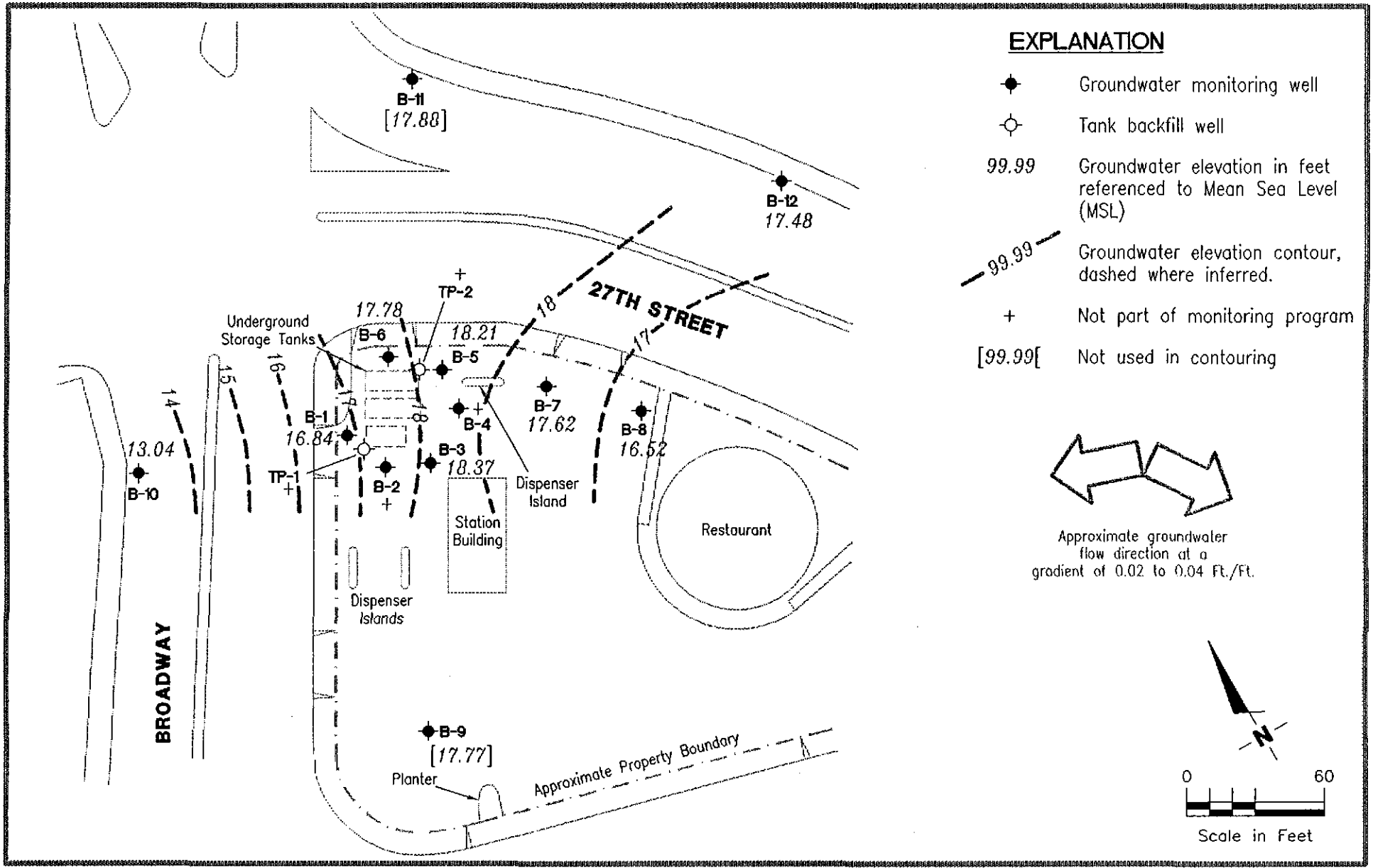
Deanna L. Harding
Project Coordinator

Penny L. Silzer
Senior Geologist, R.G. No. 5523

REGISTERED GEOLOGIST
Penny L. Silzer
No. 5523
STATE OF CALIFORNIA

DLH/PLS/dlh
5203.QML

Figure 1: Potentiometric Map
Table 1: Water Level Data and Groundwater Analytical Results
Attachments: Standard Operating Procedure - Quarterly Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Gettler - Ryan Inc.
6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

POTENTIOMETRIC MAP
Chevron Service Station No. 9-2506
2630 Broadway
Oakland, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
5203	PLS	March 22, 1996	

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-2506, 2630 Broadway, Oakland, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	MTBE
						<---ppb--->				
B-1/										
23.00[1]	3/18/82	7.81	15.19	0	---	---	---	---	---	---
	3/25/82	8.67	14.33	0	---	---	---	---	---	---
	5/21/82	9.30	13.70	0	---	---	---	---	---	---
	5/26/82	10.18	12.82	0	---	---	---	---	---	---
	6/24/82	9.92	13.08	0	---	---	---	---	---	---
	9/9/93	9.90	13.10	0	8,800[2]	240	280	<2.5	<7.5	---
	12/2/93	9.10	13.90	0	1,100	100	7.9	3.4	3.9	---
	3/17/94	9.41	13.59	0	1,600	370	13	13	26	---
	6/10/94	9.89	13.11	0	1,400	270	24	18	78	---
	9/15/94	11.24	11.76	0	4,100	740	<5	270	300	---
25.67[3]	12/28/94	9.25	16.42	0	1,200	200	32	37	79	---
	3/29/95	8.32	17.35	0	13,000	540	54	77	120	---
	6/5/95	9.72	15.95	0	3,000	610	<25	<25	<25	---
	9/21/95	10.92	14.75	0	630[6]	5.4	<0.5	1.3	6.1	---
	12/22/95	10.14	15.53	0	<50	<0.50	<0.50	<0.50	<0.50	40,000
→	**3/22/96**	**8.83**	**16.84**	**0**	**<1,200[11]**	**150**	**<12**	**<12**	**<12**	**32,000**
B-2/										
22.28[1]	3/18/82	3.83	18.45	0	---	---	---	---	---	---
	3/25/82	5.79	16.49	0	---	---	---	---	---	---
	5/21/82	4.85	17.43	0	---	---	---	---	---	---
	5/26/82	8.53	13.75	0	---	---	---	---	---	---
	6/24/82	8.40	13.88	0	---	---	---	---	---	---
	9/9/93	6.46	15.82	0	4,700	470	630	180	590	---
	12/2/93	5.41	16.87	0	2,200	59	27	110	350	---
	3/17/94	7.44	14.84	0	1,800	52	33	97	320	---
	6/10/94	8.15	14.13	0	1,200	37	48	20	93	---
	9/15/94	10.00	12.28	0	4,900	710	12	340	450	---
25.13[3]	12/28/94	7.32	17.81	0	2,600	63	49	56	370	---
	3/29/95[5]	---	---	---	---	---	---	---	---	---
B-3/										
21.78[1]	3/18/82	5.65	16.13	0	---	---	---	---	---	---
	3/25/82	5.75	16.03	0	---	---	---	---	---	---
	5/21/82	5.58	16.20	0	---	---	---	---	---	---
	5/26/82	7.99	13.79	0	---	---	---	---	---	---
	6/24/82	7.68	14.10	0	---	---	---	---	---	---
	9/9/93	5.99	15.79	0	7,800	500	760	180	720	---
	12/2/93	5.70	16.08	0	9,800	790	870	380	1,500	---
	3/17/94	6.50	15.28	0	2,400	88	55	74	270	---
	6/10/94	7.23	14.55	0	2,300	110	95	84	240	---

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-2506, 2630 Broadway, Oakland, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	MTBE
						<---ppb--->				
B-3	9/15/94	9.16	12.62	0	5,000	670	9.3	340	410	---
(cont)24.35[3]	12/28/94	6.44	17.91	0	4,100	650	34	320	440	---
	3/29/95	5.47	18.88	0	3,300	170	2.2	51	8.9	---
	6/5/95	7.05	17.30	0	2,500	850	31	170	85	---
	9/21/95	8.92	15.43	0	2,900[7]	1,300	280	140	100	---
	12/22/95	8.53	15.82	0	5,400[9]	340	37	150	460	8,600
	3/22/96	**5.98**	**18.37**	**0**	**2,200**	**79**	**50**	**58**	**200**	**1,600**
B-4/										
21.35[1]	3/18/82	4.65	16.70	0	---	---	---	---	---	---
	3/25/82	5.08	16.27	0	---	---	---	---	---	---
	5/21/82	---	---	2.5	---	---	---	---	---	---
	5/26/82	9.21	12.14	---	---	---	---	---	---	---
	6/24/82	8.22	13.13	0.5	---	---	---	---	---	---
	9/9/93	6.09	15.26	0	88,000	3,200	16,000	2,000	9,500	---
	12/2/93	5.54	15.81	0	110,000	3,600	25,000	2,800	15,000	---
	3/17/94	6.00	15.35	0	60,000	1,400	16,000	1,800	8,900	---
	6/10/94	6.87	14.48	0	25,000	770	880	190	1,100	---
	9/15/94	8.74	12.61	0	3,300	800	8.0	300	350	---
24.11[3]	12/28/94	5.74	18.37	0	17,000	400	4,000	630	2,900	---
	3/29/95[5]	---	---	---	---	---	---	---	---	---
B-5/										
21.53[1]	3/18/82	5.13	16.40	0	---	---	---	---	---	---
	3/25/82	5.27	16.26	0	---	---	---	---	---	---
	5/21/82	4.40	17.13	0	---	---	---	---	---	---
	5/26/82	7.55	13.98	0	---	---	---	---	---	---
	6/24/82	7.27	14.26	0	---	---	---	---	---	---
	9/9/93	6.45	15.08	0	110,000	1,800	1,800	6,300	25,000	---
	12/2/93	5.13	16.40	0	81,000	4,400	3,800	6,700	28,000	---
	3/17/94	6.55	14.98	0	38,000	2,100	3,100	1,800	9,100	---
	6/10/94	7.34	14.19	0	110,000	5,100	7,000	5,400	27,000	---
	9/15/94	6.34	15.19	0	2,700	770	15	240	320	---
24.23[3]	12/28/94	6.55	17.68	0	94,000	4,600	10,000	4,400	19,000	---
	3/29/95	5.59	18.64	0	59,000	1,500	3,100	2,100	8,100	---
	6/5/95	7.19	17.04	0	58,000	2,300	4,300	2,600	11,000	---
	9/21/95	9.10	15.13	0	3,500[6]	300	30	260	330	---
	12/22/95	8.61	15.62	0	6,500[9]	370	120	400	870	5,500
	3/22/96	**6.02**	**18.21**	**0**	**13,000**	**410**	**1,000**	**750**	**2,900**	**5,400**

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-2506, 2630 Broadway, Oakland, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	MTBE
						<----------ppb---------->				
B-6/										
22.03[1]	3/18/82	7.56	14.47	0	---	---	---	---	---	---
	3/25/82	6.08	15.95	0	---	---	---	---	---	---
	5/21/82	4.85	17.18	0	---	---	---	---	---	---
	5/26/82	8.31	13.72	0	---	---	---	---	---	---
	6/24/82	8.03	14.00	0	---	---	---	---	---	---
	9/9/93	8.12	13.91	0	6,800[2]	<0.5	<0.5	<0.5	<1.5	---
	12/2/93	7.06	14.97	0	320	29	<0.5	<0.5	<0.5	---
	3/17/94	7.57	14.46	0	570	130	6.2	4.7	14	---
	6/10/94	8.21	13.82	0	1,500	100	81	51	240	---
	9/15/94	9.94	12.09	0	6,400	900	24	490	620	---
24.72[3]	12/28/94	7.45	17.27	0	350	110	4.4	3.7	14	---
	3/29/95	6.40	18.32	0	3,300	46	<0.5	1.3	1.2	---
	6/5/95	8.07	16.65	0	230	<0.5	<0.5	<0.5	<0.5	---
	9/21/95	9.55	15.17	0	<50[6]	<0.5	<0.5	<0.5	<0.5	---
	12/22/95	8.91	15.81	0	<50	<0.50	<0.50	<0.50	<0.50	15,000
	3/22/96	**6.94**	**17.78**	**0**	**<1,200[10]**	**<12**	**<12**	**<12**	**<12**	**18,000**
B-7/										
19.54[3]	3/18/82	4.08	15.46	0	---	---	---	---	---	---
	3/25/82	4.00	15.54	0	---	---	---	---	---	---
	5/21/82	3.00	16.54	0	---	---	---	---	---	---
	5/26/82	4.96	14.58	0	---	---	---	---	---	---
	6/24/82	4.90	14.64	0	---	---	---	---	---	---
	9/9/93	6.54	13.00	0	230	1.3	2.3	0.6	2.1	---
	12/2/93	6.20	13.34	0	190	4.7	<0.5	1.1	1.9	---
	3/17/94	5.19	14.35	0	320	15	3.3	1.0	3.0	---
	6/10/94	5.97	13.57	0	210	6.1	5.7	2.3	5.8	---
	9/15/94	7.78	11.76	0	<50	<0.5	<0.5	<0.5	<0.5	---
22.22[3]	12/28/94	5.04	17.18	0	520	17	4.8	2.5	2.1	---
	3/29/95	4.35	17.87	0	420	6.0	2.3	1.8	0.9	---
	6/5/95	5.79	16.43	0	65	<0.5	<0.5	<0.5	<0.5	---
	9/21/95	7.55	14.67	0	<50[6]	<0.5	<0.5	<0.5	<0.5	---
	12/22/95	9.16	13.06	0	<50	<0.50	<0.50	<0.50	<0.50	930
	3/22/96	**4.60**	**17.62**	**0**	**300**	**1.0**	**0.5**	**<0.5**	**0.6**	**280**
B-8/										
18.49[1]	3/18/82	4.27	14.22	0	---	---	---	---	---	---
	3/25/82	4.06	14.43	0	---	---	---	---	---	---
	5/21/82	4.86	13.63	0	---	---	---	---	---	---

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-2506, 2630 Broadway, Oakland, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	MTBE
						<----------ppb---------->				
B-8	5/26/82	4.96	13.53	0	---	---	---	---	---	---
(cont)	6/24/82	4.87	13.62	0	---	---	---	---	---	---
	9/9/93	5.20	13.29	0	<50	3.4	<0.5	<0.5	<1.5	---
	12/2/93	5.31	13.18	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/17/94	4.87	13.62	0	<50	1.7	0.5	<0.5	0.6	---
	6/10/94	5.63	12.86	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/15/94	7.10	11.39	0	<50	<0.5	<0.5	<0.5	<0.5	---
21.01[3]	12/28/94	4.63	16.38	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/29/95	4.20	16.81	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/5/95	5.18	15.83	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/21/95	6.80	14.21	0	<50[6]	<0.5	<0.5	<0.5	<0.5	---
	12/22/95	6.48	14.53	0	<50	<0.50	<0.50	<0.50	<0.50	190
→	**3/22/96**	**4.49**	**16.52**	**0**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**86**
B-9/[4]	8/4/94	11.53	14.08	---	650	4.4	2.4	6.3	14	---
	11/2/94	9.42	16.19	---	---	---	---	---	---	---
25.61[3]	12/28/94	8.35	17.26	0	2,400	290	8.4	90	36	---
	3/29/95	7.43	18.18	0	5,900	540	24	200	84	---
	6/5/95	8.47	17.14	0	3,000	130	<25	<25	<25	---
	9/21/95	8.99	16.62	0	240[6]	1,500	14	62	55	---
	12/22/95	9.20	16.41	0	1,800	170	6.6	59	20	<6.0
→	**3/22/96**	**7.84**	**17.77**	**0**	**2,400**	**230**	**6.2**	**77**	**9.7**	**9.2**
B-10/[4]	8/4/94	10.95	12.20	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/2/94	11.19	11.96	---	---	---	---	---	---	---
23.15[3]	12/28/94	10.30	12.85	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/29/95	9.68	13.47	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/5/95	10.59	12.56	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/21/95	10.87	12.28	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/22/95	10.41	12.74	0	<50	<0.50	<0.50	<0.50	<0.50	<0.60
→	**3/22/96**	**10.11**	**13.04**	**0**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**
B-11/[4]	8/4/94	10.39	14.84	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/2/94	11.50	13.73	---	---	---	---	---	---	---
25.23[3]	12/28/94	9.09	16.14	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/29/95	7.40	17.83	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/5/95	8.26	16.97	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/21/95	9.79	15.44	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/22/95	9.55	15.68	0	<50	<0.50	<0.50	<0.50	<0.50	<0.60
→	**3/22/96**	**7.35**	**17.88**	**0**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-2506, 2630 Broadway, Oakland, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	MTBE
						<----------ppb---------->				
B-12/[4]	8/4/94	6.41	13.99	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/2/94	8.75	11.65	---	---	---	---	---	---	---
20.40[3]	12/28/94	2.76	17.64	0	74	1.0	2.6	1.3	4.4	---
	3/29/95	2.46	17.94	0	210	<0.5	<0.5	0.7	1.6	---
	6/5/95	4.59	15.81	0	<50	<0.5	<0.5	<0.5	0.7	---
	9/21/95	7.36	13.04	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/22/95	3.96	16.44	0	140[9]	<0.50	<0.50	<0.50	0.93	<0.60
	3/22/96	**2.92**	**17.48**	**0**	**150**	**<0.5**	**0.8**	**<0.5**	**2.0**	**<5.0**
TP-1/										
---	9/9/93	7.33	---	0	8,500	770	890	120	590	---
TP-2/										
---	9/9/93	6.18	---	0	13,000	2,400	3,200	380	1,900	---
Trip-Lab Blank										
TB-LB	9/9/93	---	---	---	<50	<0.5	<0.5	<0.5	<1.5	---
	12/2/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/17/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	6/10/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	9/15/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/28/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/29/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	6/5/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	9/21/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/22/95	---	---	---	<50	<0.50	<0.50	<0.50	<0.50	<0.60
	3/22/96	**---**	**---**	**---**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**
Bailer Blank										
BB	9/9/93	---	---	---	<50	<0.5	<0.5	<0.5	<1.5	---
	12/2/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/17/94	---	---	---	<50	<0.5	<0.5	<0.5	0.6	---

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-2506, 2630 Broadway, Oakland, California (continued)

EXPLANATION:

DTW = Depth to water
TOC = Top of casing elevation
GWE = Groundwater elevation
msl = Measurements referenced relative to mean sea level
TPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl-teritary-butyl ether
ppb = Parts per billion
--- = Not analyzed/Not applicable

ANALYTICAL METHODS:

EPA Method 8015/5030 for TPH(G)
EPA Method 8020 for BTEX & MTBE

NOTES:

Water level data and laboratory analytic results prior to March 29, 1995, compiled from the quarterly monitoring reports prepared for Chevron by Sierra Environmental Services.

* Product thickness was measured on and after September 9, 1993, with an MMC flexi-dip interface probe.

[1] Top of casing elevations were compiled from IT Enviroscience Program Report, August 2, 1982. TOC for MW-1 was assumed to be 23 feet MSL.
[2] Laboratory indicates a non-typical gasoline pattern.
[3] Wells were resurveyed. Top of casing elevations were compiled from RESNA Subsurface Investigation Report, October 19, 1994.
[4] Water level and analytic data prior to 12/28/94 from RESNA Subsurface Investigation Report, October 19, 1994.
[5] Well removed from monitoring program January 11, 1995, per approval of Alameda County Health Services.
[6] Laboratory report indicates uncategorized compounds are not included in gasoline concentration.
[7] Laboratory report indicates uncategorized compounds are not included in gasoline concentration. Data obtained from multiple dilutions. Dilution factor noted represents the dilution used for majority of results.
[8] BFB recovery high due to interference of hydrocarbons.
[9] Laboratory report indicates gasoline and discrete peaks.
[10] Laboratory report indicates hydrocarbons in the gasoline range do not match the gasoline standard pattern. The TPH as gasoline value was 4,200 ug/L which was attributed to the presence of MTBE.
[11] Laboratory report indicates hydrocarbons in the gasoline range do not match the gasoline standard pattern. The TPH as gasoline value was 9,600 ug/L which was attributed to the presence of MTBE.

5203.TQM

STANDARD OPERATING PROCEDURE
QUARTERLY GROUNDWATER SAMPLING

Gettler-Ryan 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 pevention 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 a MMC flexi-dip 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 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 analytic 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, preservative (if any), and the sample collector's initials. The water samples are placed in cooler maintained at 4 C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivery 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 USA Products Company, the purge and decontamination water generated during sampling activities is taken to Chevron's Richmond Refinery for disposal.

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5207.85

CITY: Oakland
SS#: 9-2506

Well ID: B-1
Well Condition: OK

Well Location Description:

Well Diameter: 2 in
Hydrocarbon Thickness: 0

Total Depth: 29.0 ft
Depth to Liquid: 8.83 ft

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

3 # of casing Volume: 20.17 x .17 x(VF) 3.4 #Estimated purge Volume: 10.3 gal.

Purge Equipment: Stack Pump
Sampling Equipment: Disposable Bailer

Did well dewater: No
If yes, Time: ___ Volume: 1.7

Starting Time: 1028
Sampling Time: 1039

Purging Flow Rate: Disposable Bailer gpm.

Time	pH	Conductivity	Temperature	Volume
1030	6.50	689	17.1	3.4 gal.
1032	6.54	759	18.3	6.8 gal
1034	6.58	791	18.5	10.2
1038	6.58	793	18.5	H.O

Weather Conditions: cloudy
Water Color: clear
Sediment Description: none
Odor: mild

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-1	3x40ml	Y	HCl	GTEL	GC BTEX + MTBE

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-3
Well Condition: okay

Well Location Description:

Well Diameter: 2" in
Hydrocarbon Thickness: 0 / [illegible]

Total Depth: 10' ft
Depth to Liquid: ~~6.94~~ 5.98

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

# of casing Volume: 3X 10.02 x 0.17 x(VF) 1.7 #Estimated purge Volume: 5.11 gal.

Purge Equipment: Sheetin
Sampling Equipment: Baler

Did well dewater: No
If yes, Time: ___ Volume:

Starting Time: 1039
Sampling Time: 1043

Purging Flow Rate: Disposable Bailer 1.7 gpm.

Time	pH	Conductivity	Temperature	Volume
1038	6.88	571	17.3	1.7
1039	7.08	581	17.5	3.4
1046	7.09	580	17.6	5.1
1043	7.08	580	17.5	6.8

Weather Conditions: Cloudy cool Breezy
Water Color: Clear
Odor: Mild
Sediment Description: N/a

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-3	3x40ml	Y	HCl	GTEL	Gas BTEX MTBE

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-5
Well Condition: okay

Well Location Description:

Well Diameter: 2" in
Hydrocarbon Thickness: 0

Total Depth: 19' ft

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

Depth to Liquid: 6.02 ft

# of casing Volume: 3x 12.98 x 0.17 x(VF) 2.12 #Estimated purge Volume: 6 gal.

Purge Equipment: Suction
Sampling Equipment: Disposable Bailer

Did well dewater:
If yes, Time: Volume:

Starting Time: 10:25
Sampling Time:

Purging Flow Rate: ~~Disposable Bailer~~ 1.1 gpm.

Time	pH	Conductivity	Temperature	Volume
10:27	6.96	4.43	18.2	2.2
1029	7.11	4.44	18.6	4.4
1031	7.13	4.48	19.1	6.6
1034	7.12	4.46	18.9	7.0

Weather Conditions: Cloudy Cool Breezy
Water Color: Clear
Odor: None
Sediment Description: N/a

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-5	3x40ml	Y	HCl	GTEL	Gas BTEX w/MTBE

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-6
Well Condition: OK

Well Location Description:

Well Diameter: 2 in
Hydrocarbon Thickness: 0

Total Depth: 19.0 ft
Depth to Liquid: 6.94 ft

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

3 # of casing Volume: 12.06 x .17 x(VF) 2.1 #Estimated purge Volume: 6.3 gal.

Purge Equipment: Stack Pump
Sampling Equipment: Disposable Bailer

Did well dewater: NO
If yes, Time: ____ Volume: ____

Starting Time: 1013
Sampling Time: 1020

Purging Flow Rate: Disposable Bailer gpm.

Time	pH	Conductivity	Temperature	Volume
1014	6.61	821	17.0	2
1015	6.63	841	18.1	4
1016	6.70	846	18.2	6
1020	6.70	846	18.2	7

Weather Conditions: Cloudy
Water Color: clear
Odor: mild
Sediment Description: none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-6	3x40ml	Y	HCl	GTEL	Gas BTEX w/MTBE

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-7
Well Condition: Okay

Well Location Description:

Well Diameter: 2" in
Hydrocarbon Thickness: 0

Total Depth: 19' ft

Depth to Liquid: 4.60 ft

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

# of casing Volume: 3X 14.4 x 0.17 x(VF) 2.4 #Estimated purge Volume: 7.3 gal.

Purge Equipment: Suction
Sampling Equipment: Bailer

Did well dewater: NC
If yes, Time: ___ Volume:

Starting Time: 10:12
Sampling Time: 1021

Purging Flow Rate: Disposable Bailer 1.2 gpm.

Time	pH	Conductivity	Temperature	Volume
10:14	7.12	301	18.8	2.4
10:16	7.48	373	19.9	4.8
10:18	7.50	323	19.6	7.2
10:27	7.48	325	19.6	9.6

Weather Conditions: Cloudy cool Breezy
Water Color: Clear
Odor: None
Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-7	3x40ml	Y	HCl	GTEL	Gas BTEX MTBE

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez + F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-8
Well Condition: Okay

Well Location Description:

Well Diameter: 2" in
Hydrocarbon Thickness: 0

Total Depth: 19.5 ft
Depth to Liquid: 4.49 ft

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

# of casing Volume: 3x 15.01 x 0.17 x(VF) 2.55 #Estimated purge Volume: 7.6 gal.

Purge Equipment: Suction
Sampling Equipment: Bailer

Did well dewater: No
If yes, Time: ___ Volume: ___

Starting Time: 9:45
Sampling Time: 9:54

Purging Flow Rate: ~~Disposable Bailer~~ 1.3 gpm.

Time	pH	Conductivity	Temperature	Volume
947	6.95	366	17.1	2.6
949	7.11	392	18.0	5.2
951	7.11	405	18.0	7.8
954	7.16	400	18.2	8.5

Weather Conditions: Cloudy Cool Breezy
Water Color: clear
Odor: None
Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-8	3x40ml	X	HCl	GTEL	Gas BTEX + MTBE

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-9
Well Condition: OK

Well Location Description:

Well Diameter: 2 in
Hydrocarbon Thickness: 0

Total Depth: 19.0 ft
Depth to Liquid: 7.84 ft

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

1 # of casing Volume: 11.16 x 0.17 x (VF) = 1.9 #Estimated purge Volume: 5.7 gal.

Purge Equipment: Stack Pump
Sampling Equipment: Disposable Bailer

Did well dewater: No
If yes, Time: ___ Volume: 2

Starting Time: 1046
Sampling Time: 1057

Purging Flow Rate: Disposable Bailer gpm.

Time	pH	Conductivity	Temperature	Volume
1047	6.57	1206	18.0	2 gal
1048	6.55	1181	19.4	4
1049	6.54	1178	19.5	6
1053	6.54	1177	19.5	7

Weather Conditions: Cloudy
Water Color: Clear
Sediment Description: none
Odor: mild

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-9	3x40ml	Y	HCl	GTEL	Gas BTEX 8015

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-10
Well Condition: OK

Well Location Description:

Well Diameter: 2 in
Hydrocarbon Thickness: 0

Total Depth: 19.0 ft
Depth to Liquid: 10.11 ft

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

3 # of casing Volume: 8.89 x .17 x(VF) 7.5 #Estimated purge Volume: 4.5 gal.

Purge Equipment: Stack Pump
Sampling Equipment: Disposable Bailer

Did well dewater: NO
If yes, Time: ___ Volume: ___

Starting Time: 8:48
Sampling Time: 8:56

Purging Flow Rate: Disposable Bailer gpm.

Time	pH	Conductivity	Temperature	Volume
8:49	6.78	494	17.0	1.5 gal
8:50	6.62	500	17.2	3.0
8:51	6.61	508	17.3	4.5
8:56	6.60	508	17.7	5.0

Weather Conditions: cloudy
Water Color: clear
Odor: none
Sediment Description: none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-10	3x40ml	Y	HCl	GTEL	Gas BTEX + MTBE

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline
DATE: 3-22-96

ADDRESS: 2630 Broadway
JOB #: 5203.85

CITY: Oakland
SS#: 9-2506

Well ID: B-11
Well Condition: OK

Well Location Description:

Well Diameter: 2 in
Hydrocarbon Thickness: 0

Total Depth: 18.0 ft
Depth to Liquid: 7.35 ft

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

3 # of casing Volume: 10.65 x .17 x(VF) 1.8 #Estimated purge Volume: 5.4 gal.

Purge Equipment: Stack Pump
Sampling Equipment: Disposable Bailer

Did well dewater: No
If yes, Time: ___ Volume: 2

Starting Time: 9:16
Sampling Time: 9:24

Purging Flow Rate: Disposable Bailer gpm.

Time	pH	Conductivity	Temperature	Volume
9:17	6.57	364	16.9	2 surf
9:18	6.53	379	17.2	4
9:19	6.47	381	17.2	6
9:24	6.47	381	17.2	7

Weather Conditions: Cloudy
Water Color: Clear
Odor: none
Sediment Description: none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
B-11	3x40ml	Y	HCl	GTEL	GC BTEX 8020

Comments:

WELL SAMPLING FIELD DATA SHEET

SAMPLER: G. Sanchez & F. Cline | DATE: 3-22-96

ADDRESS: 2630 Broadway | JOB #: 5203.85

CITY: Oakland | SS#: 9-2506

Well ID: B-12 | Well Condition: Okay

Well Location Description:

Well Diameter: 2 in | Hydrocarbon Thickness: 0

Total Depth: 16.5' ~~16.0~~ ft

Depth to Liquid: 2.92 ft

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

# of casing Volume: 3X 13.58 x 0.17 x(VF) 2.3 #Estimated purge Volume: 6.4 gal.

Purge Equipment: Suction | Sampling Equipment: Disposable Bailer

Did well dewater: | If yes, Time: | Volume:

Starting Time: 9:23 | Purging Flow Rate: ~~Disposable Bailer~~ 1.2 gpm.

Sampling Time:

Time	pH	Conductivity	Temperature	Volume
9:25	6.96	339	17.6	2.4
9:27	7.03	301	18.0	4.8
9:29	7.03			7.2
9:32	7.02	294		8.0

Weather Conditions: Cloudy Breezy Cool

Water Color: Clear | Odor: N/a

Sediment Description: N/a

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-12	3x40ml	Y	HCl	GTEL	Gas BTEX + MTBE

Comments:

Fax copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-2506
Facility Address: 2630 Broadway Oakland CA
Consultant Project Number: 5203.85
Consultant Name: Gettler-Ryan
Address: 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name): Deanna Harding
(Phone): 510 551-7555 (Fax Number): 510 551-7888

Chevron Contact (Name): Mark Adler
(Phone): 842-8134
Laboratory Name: GTEL
Laboratory Release Number: 347800
Samples Collected by (Name): F. Cline
Collection Date: 3-22-96
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	TPH Gas + BTEX w/MTBE (8015) (8020)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Remarks
TB-LB	1	2	W	TB	—	HCl	Y	A								DO NOT BILL TB-LB ANALYSIS
B-11	2	3		G	924			A								
B-10	3				856			A								
B-8	4				954			A								
B-7	5				1027			A								
B-12	6				932			A								
B-6	7				1020			A								
B-1	8				1034			A								
B-9	9				1053			A								
B-3	10				1043			A								
B-5	11	↓	↓	↓	1034	↓	↓	A								No Seals 2° 7026515871
~~B-6 DW~~	~~12~~						~~No~~	~~A~~								
	12															

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	CR	3-22-96 1:35		GTEL	3/22 1:30p
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
John Weber	GTEL	3-22-96 16:10			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					3/23/96 0805

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

Midwest Region
4211 May Avenue
Wichita, KS 67209
(316) 945-2624
(800) 633-7936
(316) 945-0506 (FAX)

March 28, 1996

Deanna Harding
GETTLER-RYAN
6747 Sierra Ct.
Suite J
Dublin, CA 94568

RE: GTEL Client ID: GTR01CHV08
Login Number: W6030460
Project ID (number): 5203.85
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA

Dear Deanna Harding:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 03/23/96.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the Department of Health Service under Certification Number 1845.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Justin Ward, Project Coordinator for
Terry R. Loucks
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: W6030460
Project ID (number): 5203.85
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA

Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	W6030460-01	W6030460-02	W6030460-03	W6030460-04
Client ID	TB-LB	B-11	B-10	B-8
Date Sampled		03/22/96	03/22/96	03/22/96
Date Analyzed	03/25/96	03/26/96	03/26/96	03/26/96
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	< 5.0	< 5.0	< 5.0	86.
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
BTEX (total)	--	ug/L	--	--	--	--
TPH as Gasoline	50	ug/L	< 50	< 50	< 50	< 50

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including Update I.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: W6030460
Project ID (number): 5203.85
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA

Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	W6030460-05	W6030460-06	W6030460-07	W6030460-08
Client ID	B-7	B-12	B-6	B-1
Date Sampled	03/22/96	03/22/96	03/22/96	03/22/96
Date Analyzed	03/26/96	03/26/96	03/26/96	03/26/96
Dilution Factor	1.00	1.00	25.0	25.0

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	280	< 5.0	18000	32000
Benzene	0.5	ug/L	1.0	< 0.5	< 12.	150
Toluene	0.5	ug/L	0.5	0.8	< 12.	< 12.
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 12.	< 12.
Xylenes (total)	0.5	ug/L	0.6	2.0	< 12.	< 12.
BTEX (total)	--	ug/L	2.1	2.8	--	150
TPH as Gasoline	50	ug/L	300	150	< 1200	< 1200

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including Update 1.

W6030460-07:

Hydrocarbons in the gasoline range do not match the gasoline standard pattern. The TPH as Gasoline value was 4200 ug/L which was attributed to the presence of MTBE.

W6030460-08:

Hydrocarbons in the gasoline range do not match the gasoline standard pattern. The TPH as Gasoline value was 9600 ug/L which was attributed to the presence of MTBE.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: W6030460
Project ID (number): 5203.85
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA

Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	W6030460-09	W6030460-10	W6030460-11	--
Client ID	B-9	B-3	B-5	--
Date Sampled	03/22/96	03/22/96	03/22/96	--
Date Analyzed	03/26/96	03/26/96	03/26/96	--
Dilution Factor	1.00	10.0	10.0	--

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	9.2	1600	5400	--
Benzene	0.5	ug/L	230	79.	410	--
Toluene	0.5	ug/L	6.2	50.	1000	--
Ethylbenzene	0.5	ug/L	77.	58.	750	--
Xylenes (total)	0.5	ug/L	9.7	200	2900	--
BTEX (total)	--	ug/L	320	390	5100	--
TPH as Gasoline	50	ug/L	2400	2200	13000	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including Update 1.

GTEL Client ID: GTR01CHV08
Login Number: W6030460
Project ID (number): 5203.85
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Conformance/Non-Conformance Summary

(X = Requirements Met * = See Comments -- = Not Required NA = Not Applicable)

Conformance Item	Volatile Organics	Semi-Volatile Organics	Inorganics (MT, WC)
GC/MS Tune	--	--	NA
Initial Calibration	--	--	--
Continuing Calibration	X	--	--
Surrogate Recovery	X	--	NA
Holding Time	X	--	--
Method Accuracy	X	--	--
Method Precision	X	--	--
Blank Contamination	X	--	--

Comments:

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: W6030460 Volatile Organics
Project ID (number): 5203.85 Method: EPA 8020
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA Matrix: Aqueous

Surrogate Results

QC Batch No.	Reference	Sample ID	TFT
Method: EPA 8020		Acceptability Limits:	43-136%
032596GC5-2	CV032596205	Calibration Verifi	92.4
032596GC5-3	BW0325965	Method Blank Water	94.7
032596GC5-4	DP03046307	Duplicate	96.4
032596GC5-5	MS03046302	Matrix Spike	93.4
--	03046001	TB-LB	83.9
--	03046002	B-11	135.
--	03046003	B-10	87.3
--	03046004	B-8	83.4
--	03046005	B-7	96.5
--	03046006	B-12	82.8
--	03046007	B-6	124.
--	03046008	B-1	124.
--	03046009	B-9	96.1
--	03046010	B-3	92.5
--	03046011	B-5	95.6

Notes:
*: Indicates values outside of acceptability limits. See Nonconformance Summary.

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: W6030460
Project ID (number): 5203.85
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Method Blank Results

QC Batch No: 032596GC5-3
Date Analyzed: 25-MAR-96

Analyte	Method: EPA 8020 Concentration: ug/L
MTBE	< 2.00
Benzene	< 0.400
Toluene	< 0.500
Ethylbenzene	< 0.400
Xylenes (Total)	< 0.800
TPH as Gasoline	< 50.0

Notes:

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: W6030460 Volatile Organics
Project ID (number): 5203.85 Method: EPA 8020
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA Matrix: Aqueous

Calibration Verification Sample Summary

Analyte		Spike Amount	Check Sample Concentration	QC Percent Recovery	Acceptability Limits Recovery
EPA 8020	Units:ug/L	QC Batch:032596GC5-2			
Benzene		20.0	16.3	81.5	77-123%
Toluene		20.0	18.0	90.0	77.5-122.5%
Ethylbenzene		20.0	18.2	91.0	63-137%
Xylenes (Total)		60.0	53.3	88.8	85-115%
TPH as Gasoline		500	494	98.8	80-120%

Notes:
QC check source: Supelco #LA12389

GTEL Client ID: GTR01CHV08
Login Number: W6030460
Project ID (number): 5203.85
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Duplicate Sample Results

Analyte	Original Concentration	Duplicate Concentration	RPD, %	Acceptability Limits, %
EPA 8020 Units: ug/L	QC Batch: 032596GC5-4	GTEL Sample ID: W6030463-07		Client ID: Batch QC
MTBE	< 500.	< 500	NA	20
Benzene	10400	10400	NA	23.9
Toluene	71.7	72.4	0.972	27.2
Ethylbenzene	559.	555.	0.718	21.6
Xylenes (Total)	173	168	2.93	22.0
TPH as Gasoline	28600	29400	2.76	20

Notes:

NA - The concentration of the analyte is less than the reporting limit.

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: W6030460 Volatile Organics
Project ID (number): 5203.85 Method: EPA 8020
Project ID (name): CHEVRON/9-2506/2630 BROADWAY/OAKLAND/CA Matrix: Aqueous

Matrix Spike(MS) Results

GTEL Sample ID:W6030463-02 MS ID:MS03046302
Analysis Date: 25-MAR-96 25-MAR-96

Units: ug/L Analyte	Sample Conc.	Spike Added	MS Conc.	MS % Rec.	Acceptability Limits %Rec.
Benzene	< 0.5 (0.000)	20.0	18.5	92.5	67-110
Toluene	< 0.5 (0.000)	20.0	20.4	102.	68-115
Ethylbenzene	< 0.5 (0.000)	20.0	21.3	107	65-120
Xylenes (Total)	< 0.5 (0.000)	60.0	59.1	98.5	62-119

Notes:
Values in parentheses in the sample concentration column are used for % recovery calculations.