

ENVIRONMENTAL
PROTECTION

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Chevron

November 19, 1995

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd., Bldg. L
P.O. Box 5004
San Ramon, CA 94583-0804

Ms. Jennifer Eberle
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Mark A. Miller
SAR Engineer
Phone No. 510 842-8134
Fax No. 510 842-8252

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

Dear Ms. Eberle:

Enclosed is the Quarterly Groundwater Sampling Report dated October 27, 1995, prepared by our consultant Gettler-Ryan, Inc. for the above referenced site. Ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline and BTEX. As previously agreed, monitoring and sampling of wells B-2 and B-4 has been suspended. Dissolved concentrations of these constituents observed during this sampling event are consistent with historical results. Depth to ground water was measured at approximately 6.8 to 10.9 feet below grade. The site appears to lie on a ground water divide with gradient flowing to the northwest and southeast.

It appears that the extent of the dissolved hydrocarbon plume has been defined with the exception of up gradient extent in the vicinity of B-9. The source of hydrocarbons observed in this well is unknown. Chevron will continue the monitoring and sampling program at this site and report findings on a quarterly basis.

If you have any questions or comments, please do not hesitate to contact me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. Y.M. Byeman





GETTLER-RYAN INC.

ENVIRONMENTAL
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October 27, 1995

Mark Miller
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

Re: Chevron Service Station #9-2506
2630 Broadway
Oakland, CA
Job #5203.80

Dear Mr. Miller:

This report documents the quarterly groundwater sampling event performed by Gettler-Ryan Inc. (G-R). On September 21, 1995, field personnel were on-site to gauge 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 September 21, 1995. 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.

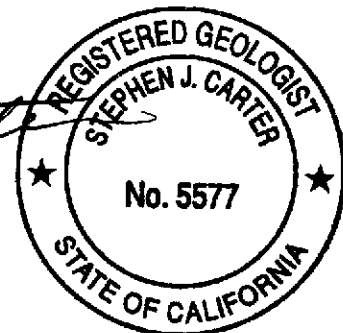
Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Quarterly Groundwater Sampling (attached). The field data sheets for this event are also attached. The samples were analyzed by Groundwater Technology Environmental Laboratories, Inc. Analytic results are presented in Table 1. The chain of custody document and laboratory analytic reports are attached. G-R is not responsible for laboratory omissions or errors.

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,

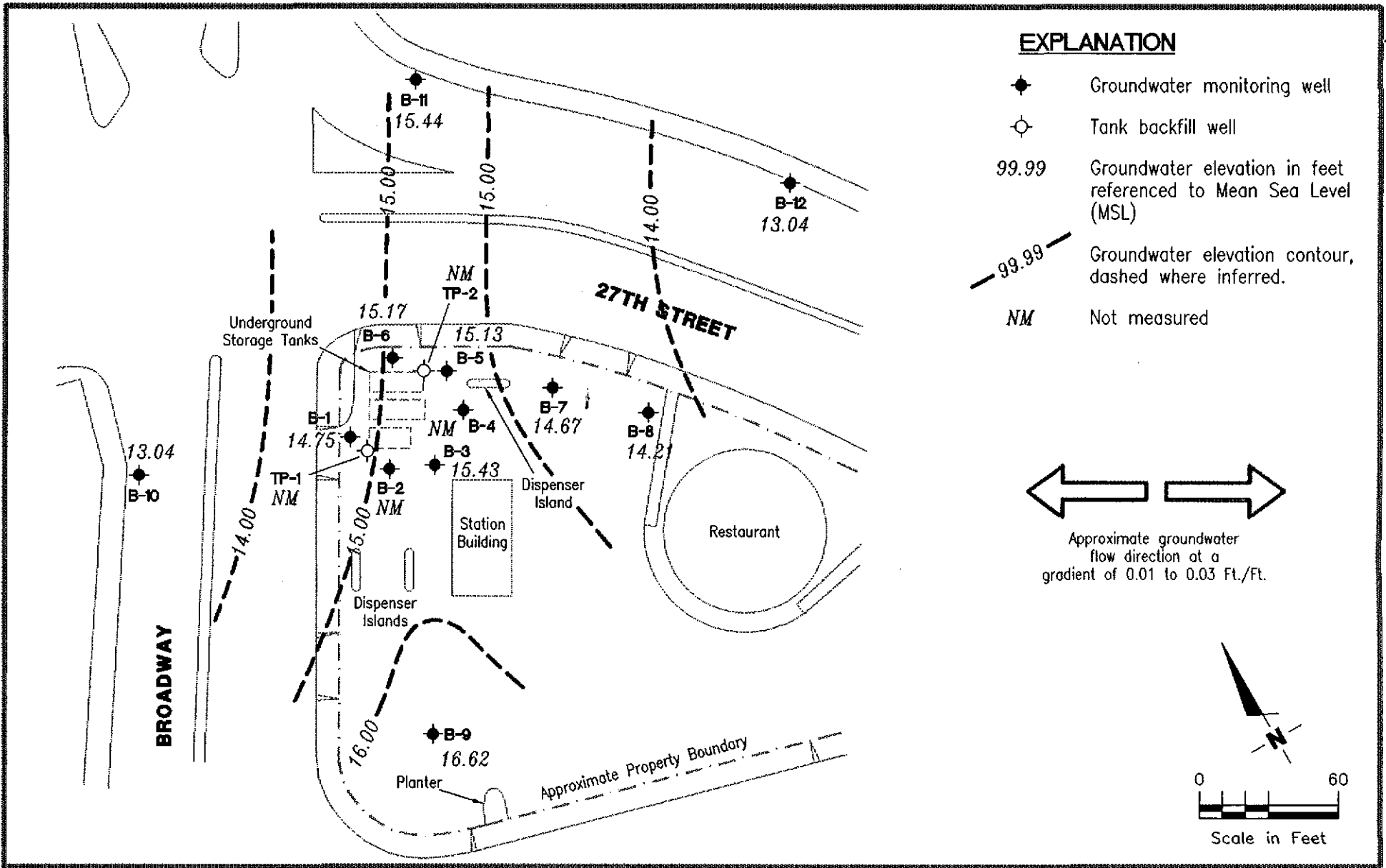

Argy Eeyton
Environmental Project Manager


Stephen J. Carter
Senior Geologist, R.G. 5577



AML/SJC/dlh
5203.QML

Figure 1: Potentiometric Map
Table 1: Water Level Data and Groundwater Analytic Results
Attachments: Standard Operating Procedure - Quarterly Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytic 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
5203.85

REVIEWED BY

DATE
September 21, 1995

REVISED DATE



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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) B T E X				
						<-----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	8015/8020	8,800 ²	240	280	<2.5	<7.5
	12/2/93	9.10	13.90	0	8015/8020	1,100	100	7.9	3.4	3.9
	3/17/94	9.41	13.59	0	8015/8020	1,600	370	13	13	26
	6/10/94	9.89	13.11	0	8015/8020	1,400	270	24	18	78
	9/15/94	11.24	11.76	0	8015/8020	4,100	740	<5	270	300
25.67 ³	12/28/94	9.25	16.42	0	8015/8020	1,200	200	32	37	79
	3/29/95	8.32	17.35	0	8015/8020	13,000	540	54	77	120
	6/5/95	9.72	15.95	0	8015/8020	3,000	610	<25	<25	<25
	9/21/95	10.92	14.75	0	8015/8020	630 ⁶	5.4	<0.5	1.3	6.1
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	8015/8020	4,700	470	630	180	590
	12/2/93	5.41	16.87	0	8015/8020	2,200	59	27	110	350
	3/17/94	7.44	14.84	0	8015/8020	1,800	52	33	97	320
	6/10/94	8.15	14.13	0	8015/8020	1,200	37	48	20	93
	9/15/94	10.00	12.28	0	8015/8020	4,900	710	12	340	450
25.13 ³	12/28/94	7.32	17.81	0	8015/8020	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	8015/8020	7,800	500	760	180	720



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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	B	T	E	X	
											-----ppb----->
B-3 (cont)	12/2/93	5.70	16.08	0	8015/8020	9,800	790	870	380	1,500	
	3/17/94	6.50	15.28	0	8015/8020	2,400	88	55	74	270	
24.35 ³	6/10/94	7.23	14.55	0	8015/8020	2,300	110	95	84	240	
	9/15/94	9.16	12.62	0	8015/8020	5,000	670	9.3	340	410	
	12/28/94	6.44	17.91	0	8015/8020	4,100	650	34	320	440	
	3/29/95	5.47	18.88	0	8015/8020	3,300	170	2.2	51	8.9	
	6/5/95	7.05	17.30	0	8015/8020	2,500	850	31	170	85	
	9/21/95	8.92	15.43	0	8015/8020	2,900 ⁷	1,300	280	140	100	
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	8015/8020	88,000	3,200	16,000	2,000	9,500	
	12/2/93	5.54	15.81	0	8015/8020	110,000	3,600	25,000	2,800	15,000	
	3/17/94	6.00	15.35	0	8015/8020	60,000	1,400	16,000	1,800	8,900	
	6/10/94	6.87	14.48	0	8015/8020	25,000	770	880	190	1,100	
	9/15/94	8.74	12.61	0	8015/8020	3,300	800	8.0	300	350	
	24.11 ³	12/28/94	5.74	18.37	0	8015/8020	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	8015/8020	110,000	1,800	1,800	6,300	25,000	
	12/2/93	5.13	16.40	0	8015/8020	81,000	4,400	3,800	6,700	28,000	
	3/17/94	6.55	14.98	0	8015/8020	38,000	2,100	3,100	1,800	9,100	
	6/10/94	7.34	14.19	0	8015/8020	110,000	5,100	7,000	5,400	27,000	
	9/15/94	6.34	15.19	0	8015/8020	2,700	770	15	240	320	
	24.23 ³	12/28/94	6.55	17.68	0	8015/8020	94,000	4,600	10,000	4,400	19,000
		3/29/95	5.59	18.64	0	8015/8020	59,000	1,500	3,100	2,100	8,100



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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) -----ppb----->					
						B	T	E	X		
B-5 (cont)	6/5/95	7.19	17.04	0	8015/8020	58,000	2,300	4,300	2,600	11,000	
	9/21/95	9.10	15.13	0	8015/8020	3,500 ^e	300	30	260	330	
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	8015/8020	6,800 ²	<0.5	<0.5	<0.5	<1.5	
	12/2/93	7.06	14.97	0	8015/8020	320	29	<0.5	<0.5	<0.5	
	3/17/94	7.57	14.46	0	8015/8020	570	130	6.2	4.7	14	
	6/10/94	8.21	13.82	0	8015/8020	1,500	100	81	51	240	
	9/15/94	9.94	12.09	0	8015/8020	6,400	900	24	490	620	
	24.72 ³	12/28/94	7.45	17.27	0	8015/8020	350	110	4.4	3.7	14
		3/29/95	6.40	18.32	0	8015/8020	3,300	46	<0.5	1.3	1.2
		6/5/95	8.07	16.65	0	8015/8020	230	<0.5	<0.5	<0.5	<0.5
		9/21/95	9.55	15.17	0	8015/8020	<50 ^e	<0.5	<0.5	<0.5	<0.5
B-7/ 19.54 ¹	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	8015/8020	230	1.3	2.3	0.6	2.1	
	12/2/93	6.20	13.34	0	8015/8020	190	4.7	<0.5	1.1	1.9	
	3/17/94	5.19	14.35	0	8015/8020	320	15	3.3	1.0	3.0	
	6/10/94	5.97	13.57	0	8015/8020	210	6.1	5.7	2.3	5.8	
	9/15/94	7.78	11.76	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
	22.22 ³	12/28/94	5.04	17.18	0	8015/8020	520	17	4.8	2.5	2.1
		3/29/95	4.35	17.87	0	8015/8020	420	6.0	2.3	1.8	0.9
		6/5/95	5.79	16.43	0	8015/8020	65	<0.5	<0.5	<0.5	<0.5
		9/21/95	7.55	14.67	0	8015/8020	<50 ^e	<0.5	<0.5	<0.5	<0.5



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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) <i>ppb</i>					
						B	T	E	X		
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	---	---	---	---	---	---	
	5/26/82	4.96	13.53	0	---	---	---	---	---	---	
	6/24/82	4.87	13.62	0	---	---	---	---	---	---	
	9/9/93	5.20	13.29	0	8015/8020	<50	3.4	<0.5	<0.5	<1.5	
	12/2/93	5.31	13.18	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
	3/17/94	4.87	13.62	0	8015/8020	<50	1.7	0.5	<0.5	0.6	
	6/10/94	5.63	12.86	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
	9/15/94	7.10	11.39	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
	21.01 ³	12/28/94	4.63	16.38	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
		3/29/95	4.20	16.81	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
		6/5/95	5.18	15.83	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
9/21/95		6.80	14.21	0	8015/8020	<50 ⁶	<0.5	<0.5	<0.5	<0.5	
B-9/ ⁴	8/4/94	11.53	14.08	---	8015/8020	650	4.4	2.4	6.3	14	
	11/2/94	9.42	16.19	---	8015/8020	---	---	---	---	---	
25.61 ³	12/28/94	8.35	17.26	0	8015/8020	2,400	290	8.4	90	36	
	3/29/95	7.43	18.18	0	8015/8020	5,900	540	24	200	84	
	6/5/95	8.47	17.14	0	8015/8020	3,000	130	<25	<25	<25	
	9/21/95	8.99	16.62	0	8015/8020	240 ⁸	1,500	14	62	55	
B-10/ ⁴	8/4/94	10.95	12.20	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
	11/2/94	11.19	11.96	---	8015/8020	---	---	---	---	---	
	23.15 ³	12/28/94	10.30	12.85	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
		3/29/95	9.68	13.47	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
		6/5/95	10.59	12.56	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
		9/21/95	10.87	12.28	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
B-11/ ⁴	8/4/94	10.39	14.84	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
	11/2/94	11.50	13.73	---	8015/8020	---	---	---	---	---	
25.23 ³	12/28/94	9.09	16.14	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
	3/29/95	7.40	17.83	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	



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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	-----ppb-----				
						TPPH(G)	B	T	E	X
B-11 (cont)	6/5/95	8.26	16.97	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/21/95	9.79	15.44	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
B-12/ ⁴ 20.40 ³	8/4/94	6.41	13.99	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	11/2/94	8.75	11.65	---	8015/8020	---	---	---	---	---
	12/28/94	2.76	17.64	0	8015/8020	74	1.0	2.6	1.3	4.4
	3/29/95	2.46	17.94	0	8015/8020	210	<0.5	<0.5	0.7	1.6
	6/5/95	4.59	15.81	0	8015/8020	<50	<0.5	<0.5	<0.5	0.7
	9/21/95	7.36	13.04	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
TP-1/ ---	9/9/93	7.33	---	0	8015/8020	8,500	770	890	120	590
TP-2/ ---	9/9/93	6.18	---	0	8015/8020	13,000	2,400	3,200	380	1,900
Trip-Lab Blank TB-LB	9/9/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	12/2/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/17/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/10/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/15/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/28/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/29/95	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/5/95	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/21/95	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
Bailer Blank BB	9/9/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	12/2/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/17/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	0.6



Table 1. Water Level Data and Groundwater Analytic 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
TPPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
ppb = Parts per billion
--- = Not analyzed/Not applicable

ANALYTIC METHODS:

8015 = EPA Method 8015/5030 for TPPH(G)
8020 = EPA Method 8020 for BTEX

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.



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 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 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 F. Cline DATE 9-21-95
 ADDRESS 2630 Broadway JOB # 5203.85
 CITY Oakland SS# 9-2506

Well ID B-1 Well Condition OK
 Well Location Description At corner of Broadway & 27th St a 3' from planter

Well Diameter 2" in Hydrocarbon Thickness 0
 Total Depth 29.04 ft
 Depth to Liquid 10.92 ft

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

of casing 3x 18.12 x 0.19 x (VF) 3.1 #Estimated 9.2 gal.
 Volume 'purge Volume

Purge Equipment Suction Sampling Equipment Barli
 Did well dewater Yes If yes, Time 1407 Volume 4.5 gal

Starting Time 1404 Purging Flow Rate 1.5 gpm.
 Sampling Time 14

Time	pH	Conductivity	Temperature	Volume
<u>1404</u>	<u>6.8</u>	<u>580</u>	<u>72.7</u>	<u>3.0 gal</u>
<u>1407</u>	<u>6.7</u>	<u>570</u>	<u>72.1</u>	<u>4.5 gal</u>
<u>1510</u>	<u>6.42</u>	<u>620</u>	<u>72.9</u>	<u>6.0</u>

Weather Conditions Sunny warm clear
 Water Color: clear Odor: none
 Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-1</u>	<u>3x4cm/100ml</u>	<u>Y</u>	<u>HC</u>	<u>GTBL</u>	<u>Coastal BGR</u>

Comments Recovered to 14'



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95

ADDRESS 2030 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

Total Depth 18.85 ft

Depth to Liquid 8.92 ft

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

of casing 3x 9.93 x 0.19 x(VF) 1.7 #Estimated 50 gal. 'purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater Yes If yes, Time _____ Volume _____

Starting Time 13:55 Purging Flow Rate 1.7 gpm.

Sampling Time 14:55

Time	pH	Conductivity	Temperature	Volume
<u>13:50</u>	<u>6.51</u>	<u>767</u>	<u>23.1</u>	<u>1.7</u>
<u>13:51</u>	<u>6.10</u>	<u>670</u>	<u>23.4</u>	<u>30</u>
<u>14:55</u>	<u>6.61</u>	<u>664</u>	<u>23.5</u>	<u>4.0</u>

Weather Conditions Sunny warm clear

Water Color: Clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-3</u>	<u>3x4cm/100</u>	<u>Y</u>	<u>None</u>	<u>GTBL</u>	<u>Gas/BGR</u>

Comments _____ Recovered to 12.35'



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95

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 18.98 ft

Depth to Liquid 9.10 ft

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

of casing 3x 9.88 x 0.19 x(VF) 1.7 #Estimated 5.0 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater Yes If yes, Time 1420 Volume 2 gal

Starting Time 1425 Purging Flow Rate 2 gpm.

Sampling Time _____

Time 1426 pH 6.8 Conductivity 640 Temperature 73.6 Volume 2 gal

1515 6.75 714 24.3 3 gal

Weather Conditions Sunny warm clear

Water Color: clear Odor: strong

Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-5</u>	<u>3x40ml vial</u>	<u>Y</u>	<u>HC</u>	<u>GTBL</u>	<u>Co&B&P</u>

Comments _____ Recovered to 12.85'



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95

ADDRESS 2630 Broadway JOB # 5203.85

CITY Oakland SS# 9-2506

Well ID B-6 Well Condition okay

Well Location Description _____

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 19.40 ft

Depth to Liquid 9.25 ft

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

of casing 3x 9.85 x 0.19 x(VF) 1.6 #Estimated 5.0 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater Yes If yes, Time _____ Volume 3 gals

Starting Time 13:48 Purging Flow Rate 1.7 gpm.

Sampling Time 14:50

Time	pH	Conductivity	Temperature	Volume
<u>13:49</u>	<u>7.20</u>	<u>692</u>	<u>24.7</u>	<u>1.7</u>
<u>13:50</u>	<u>7.24</u>	<u>761</u>	<u>24.2</u>	<u>3.4</u>
<u>14:50</u>	<u>7.20</u>	<u>863</u>	<u>23.5</u>	<u>4.0</u>

Weather Conditions Sunny warm clear

Water Color: clear Odor: Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-6</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>None</u>	<u>BTCL</u>	<u>Gas BGR</u>

Comments _____ Recovered to 10.98'



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95

ADDRESS 2030 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 Ø

Total Depth 1931 ft

Depth to Liquid 7.55 ft

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

of casing 3x 11.76 x Ø x (VF) 1.99 # Estimated 3.99 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater Yes If yes, Time 13:44 Volume 3

Starting Time 13:42 Purging Flow Rate _____ gpm.

Sampling Time 14:45

Time	pH	Conductivity	Temperature	Volume
<u>13:43</u>	<u>7.95</u>	<u>685</u>	<u>25.3</u>	<u>2</u>
<u>13:44</u>	<u>7.40</u>	<u>676</u>	<u>24.8</u>	<u>4.3</u>
<u>14:45</u>	<u>7.01</u>	<u>646</u>	<u>23.6</u>	<u>4.0</u>

Weather Conditions Sunny warm clear

Water Color: clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-7</u>	<u>3x40ml/100</u>	<u>Y</u>	<u>None</u>	<u>GTBL</u>	<u>0251342</u>

Comments Recovered to 8.96'



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95

ADDRESS 2030 Broadway JOB # 5203.85

CITY Oakland SS# 9-2506

Well ID B-8 Well Condition OK

Well Location Description _____

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 18.0 ft

Depth to Liquid 6.80 ft

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

of casing 3x 11/20 x 0.19 x(VF) 1.9 #Estimated 5.7 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater Yes If yes, Time 13:41 Volume 3

Starting Time 13:39 Purging Flow Rate _____ gpm.

Sampling Time 14:40

Time	pH	Conductivity	Temperature	Volume
<u>13:40</u>	<u>7.20</u>	<u>829</u>	<u>26.8</u>	<u>2.3</u>
<u>13:41</u>	<u>7.46</u>	<u>751</u>	<u>25.10</u>	<u>6</u>
<u>14:40</u>	<u>7.20</u>	<u>814</u>	<u>25.3</u>	<u>4.0</u>

Weather Conditions Sunny warm clear

Water Color: Black/Grey clear Odor: None

Sediment Description Barria

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-8</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HC</u>	<u>OTEL</u>	<u>Gas/B4B</u>

Comments Recovered to 10.33



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95
 ADDRESS 2630 Broadway JOB # 5203.85
 CITY Oakland SS# 9-2506

Well ID B-9 Well Condition OK

Well Location Description NW of property ~ 50' from 26th st

Well Diameter 2" in Hydrocarbon Thickness

Total Depth 18.90 ft

Depth to Liquid 8.99 ft

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

of casing 3x 9.01 x 0.19 x (VF) 1.7 #Estimated 5.1 gal. purge Volume

Purge Equipment Suction Sampling Equipment Barli

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1344 Purging Flow Rate 2 gpm.

Sampling Time 1357

Time	pH	Conductivity	Temperature	Volume
<u>1345</u>	<u>7.5</u>	<u>880</u>	<u>75.6</u>	<u>2</u>
<u>1346</u>	<u>7.4</u>	<u>880</u>	<u>75.5</u>	<u>4</u>
<u>1347</u>	<u>7.4</u>	<u>800</u>	<u>75.5</u>	<u>6</u>
<u>1351</u>	<u>7.4</u>	<u>800</u>	<u>75.5</u>	<u>7</u>

Weather Conditions Sunny warm clear

Water Color: clear Odor: none

Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-9</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>None</u>	<u>OTEL</u>	<u>Gas B4B</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95

ADDRESS 2630 Broadway JOB # 5203.85

CITY Oakland SS# 9-2506

Well ID B-10 Well Condition okay

Well Location Description _____

Well Diameter 2" in Hydrocarbon Thickness e

Total Depth 18.95 ft

Depth to Liquid 10.87 ft

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

of casing 3x 8.08 x 0.19 x(VF) 1.14 #Estimated 9.12 gal. purge Volume

Purge Equipment Suction Sampling Equipment Barber

Did well dewater no If yes, Time _____ Volume _____

Starting Time 12:09 Purging Flow Rate _____ gpm.

Sampling Time 12:15

Time	pH	Conductivity	Temperature	Volume
<u>12:10</u>	<u>7.22</u>	<u>425</u>	<u>22.1</u>	<u>1.9</u>
<u>12:11</u>	<u>7.08</u>	<u>400</u>	<u>21.8</u>	<u>2.8</u>
<u>12:12</u>	<u>7.10</u>	<u>410</u>	<u>21.5</u>	<u>4.5</u>
<u>12:15</u>	<u>7.10</u>	<u>405</u>	<u>21.7</u>	<u>5.0</u>

Weather Conditions Sunny warm clear

Water Color: clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-10</u>	<u>3x40ml vial</u>	<u>Y</u>	<u>None</u>	<u>BTBL</u>	<u>Gas B/C</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95
 ADDRESS 2630 Broadway JOB # 5203.85
 CITY Oakland SS# 9-2506

Well ID B-11 ~~B-11~~ Well Condition dry

Well Location Description _____

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth	<u>18.21</u>	ft	Volume	2" = 0.17	6" = 1.50	12" = 5.80
Depth to Liquid	<u>9.79</u>	ft	Factor	3" = 0.38		
			(VF)	4" = 0.66		

of casing 3x 8.42 x 0.19 x (VF) 1.4 #Estimated 4.3 gal.
 Volume _____ Purge Volume _____

Purge Equipment Suction Sampling Equipment Bailei

Did well dewater NO If yes, Time _____ Volume _____

Starting Time 12:30 Purging Flow Rate _____ gpm.
 Sampling Time 12:37

Time	pH	Conductivity	Temperature	Volume
<u>12:31</u>	<u>7.20</u>	<u>437</u>	<u>22.6</u>	<u>1.5</u>
<u>12:37</u>	<u>6.93</u>	<u>437</u>	<u>22.6</u>	<u>3.0</u>
<u>12:33</u>	<u>6.80</u>	<u>435</u>	<u>22.4</u>	<u>4.5</u>
<u>12:37</u>	<u>6.85</u>	<u>436</u>	<u>22.4</u>	<u>3.0</u>

Weather Conditions Sunny warm clear
 Water Color: clear Odor: None
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-11</u>	<u>3x40ml vial</u>	<u>Y</u>	<u>None</u>	<u>GTBL</u>	<u>Gas B4B</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 9-21-95
 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 18.04 ft

Depth to Liquid 7.30 ft

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

of casing 3x 10 1/2 x 0.19 x(VF) 1.8 #Estimated 514 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 12:50 Purging Flow Rate 7 gpm.

Sampling Time 12:59

Time	pH	Conductivity	Temperature	Volume
<u>12:52</u>	<u>6.19</u>	<u>502</u>	<u>23.2</u>	<u>2</u>
<u>12:54</u>	<u>6.42</u>	<u>485</u>	<u>22.8</u>	<u>4</u>
<u>12:56</u>	<u>6.50</u>	<u>480</u>	<u>22.9</u>	<u>6</u>
<u>12:59</u>	<u>6.48</u>	<u>483</u>	<u>22.7</u>	<u>7</u>

Weather Conditions Sunny warm clear

Water Color: clear Odor: None

Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>B-12</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>DC</u>	<u>BTCL</u>	<u>Gas BGR</u>

Comments _____

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 5703.85
Consultant Name Gettler-Ryan
Address 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name) Argy Leyton
510 (Phone) 551-7555 (Fax Number) 551-7888

Chevron Contact (Name) Mark Miller
(Phone) 842 8134
Laboratory Name GTEL
Laboratory Release Number 3471000
Samples Collected by (Name) Frank Cline
Collection Date 9-21-95
Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Type C = Grab G = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8040)	Extractable Organics (8070)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)			
TB-43	01	2	W	TB	-	HCL	Y	X										Analyze
B-10	02	3		G	1215													
B-11	03				1237													
B-12	04				1259													
B-8	05				1440													
B-7	06				1445													
B-6	07				1450													
B-3	08				1455													
B-9	09				1351													
B-1	10				1510													
B-5	11				1515													

DO NOT BILL
TB-LB ANALYSIS

CS090255

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>G/R</u>	Date/Time <u>9-22</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>G-R</u>	Date/Time <u>9/22 8:10</u>
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>G-R</u>	Date/Time <u>9/22 1430</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>GTEL</u>	Date/Time <u>9/22/95</u>
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>GTEL</u>	Date/Time <u>9/22/95 18:10</u>	Received For Laboratory By (Signature)		Date/Time

Turn Around Time (Circle Choice)

24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Northwest Region

4080-C Pike Lane

Concord, CA 94520

(510) 685-7852

(800) 544-3422 *from inside California*

(800) 423-7143 *from outside California*

(510) 825-0720 (FAX)

October 11, 1995

Argy Leyton
Gettler-Ryan, Inc.
6747 Sierra Ct.
Suite J
Dublin, CA 94568

RE: GTEL Client ID: GTR01CHV08
Login Number: C5090255
Project ID (number): 5203.85
Project ID (name): Chevron/#9-2506/2630 Broadway, Oakland, CA

Dear Argy Leyton:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 09/22/95.

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.

GTEL is certified by the Department of Health Service under Certification Number E1075.

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.

Chip Poalinelli
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
 Login Number: C5090255
 Project ID (number): 5203.85
 Project ID (name): Chevron/#9-2506/2630 Broadway, Oakland, CA

Method: EPA8020/15
 Matrix: Aqueous

GTEL Sample Number	C5090255-01	C5090255-02	C5090255-03	C5090255-04
Client ID	TB-LB	B-10	B-11	B-12
Date Sampled	09/21/95	09/21/95	09/21/95	09/21/95
Date Analyzed	10/02/95	10/06/95	10/03/95	10/03/95
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:			
	Limit	Units				
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
TPH as GAS	50.	ug/L	< 50.	< 50.	< 50.	< 50.
BFB (Surrogate)	--	%	114.	117.	112.	112.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA8020/15:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
 Login Number: C5090255
 Project ID (number): 5203.85
 Project ID (name): Chevron/#9-2506/2630 Broadway, Oakland, CA

Method: EPA8020/15
 Matrix: Aqueous

GTEL Sample Number	C5090255-05	C5090255-06	C5090255-07	C5090255-08
Client ID	B-8	B-7	B-6	B-3
Date Sampled	09/21/95	09/21/95	09/21/95	09/21/95
Date Analyzed	10/03/95	10/03/95	10/03/95	10/03/95
Dilution Factor	1.00	1.00	1.00	10.0

Analyte	Reporting		Concentration:			
	Limit	Units				
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	1300
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	280
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	140
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	100
TPH as GAS	50	ug/L	< 50	< 50	< 50	2900
BFB (Surrogate)	--	%	111.	114.	116.	117.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA8020/15:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision.

C5090255-05:

Uncategorized compound is not included in gasoline concentration.

C5090255-06:

Uncategorized compound is not included in gasoline concentration.

C5090255-07:

Uncategorized compounds are not included in gasoline concentration.

C5090255-08:

Uncategorized compound is not included in gasoline concentration. Data obtained from multiple dilutions. Dilution factor noted represents the dilution used for majority of results.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
 Login Number: C5090255
 Project ID (number): 5203.85
 Project ID (name): Chevron/#9-2506/2630 Broadway, Oakland, CA

Method: EPA8020/15
 Matrix: Aqueous

GTEL Sample Number	C5090255-09	C5090255-10	C5090255-11	--
Client ID	B-9	B-1	B-5	--
Date Sampled	09/21/95	09/21/95	09/21/95	--
Date Analyzed	10/03/95	10/03/95	10/03/95	--
Dilution Factor	1.00	1.00	5.00	--

Analyte	Reporting		Concentration:			
	Limit	Units				
Benzene	0.5	ug/L	1500	5.4	300	--
Toluene	0.5	ug/L	14.	< 0.5	30.	--
Ethylbenzene	0.5	ug/L	62.	1.3	260	--
Xylenes (total)	0.5	ug/L	55.	6.1	330	--
TPH as GAS	50.	ug/L	240	630	3500	--
BFB (Surrogate)	--	%	161.	121.	125.	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA8020/15:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision.

C5090255-09:

BFB recovery high due to interference of hydrocarbons.

C5090255-10:

Uncategorized compounds are not included in gasoline concentration.

C5090255-11:

Uncategorized compound is not included in gasoline concentration.

GTEL Client ID: GTR01CHV08
 Login Number: C5090255
 Project ID (number): 5203.85
 Project ID (name): Chevron/#9-2506/2630 Broadway, Oakland, CA

QUALITY CONTROL RESULTS

Volatile Organics
 Method: EPA8020/15
 Matrix: Aqueous

Matrix Spike(MS) and Matrix Spike Duplicate(MSD) Results

GTEL Sample ID:C5090211-13		MS ID:MS09021113		MSD ID:MD09021113						
Analysis Date: 30-SEP-95		03-OCT-95		03-OCT-95						
Units: ug/L	Sample	Spikes Added		MS	MS	MSD	MSD	Acceptability Limits		
Analyte	Conc.	MS	MSD	Conc.	% Rec.	Conc.	% Rec.	RPD	RPD	%Rec.
Benzene	< 0.5 (0.000)	20.0	20.0	25.7	129	24.0	120	7.2	34	57.3-138
Toluene	< 0.5 (0.000)	20.0	20.0	23.9	120	24.3	122	1.7	31	63-134
Ethylbenzene	< 0.5 (0.000)	20.0	20.0	24.2	121	24.7	124	2.4	38	59.3-137
Xylenes (Total)	< 0.5 (0.000)	60.0	60.0	73.0	122	73.1	122	0.0	31	59.3-144

Notes:

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

GTEL Client ID: GTR01CHV08
Login Number: C5090255
Project ID (number): 5203.85
Project ID (name): Chevron/#9-2506/2630 Broadway, Oakland, CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA8020/15
Matrix: Aqueous

Method Blank Results

QC Batch No: Q100295-1
Date Analyzed: 02-OCT-95

Analyte	Method: EPA8020/15	Concentration: ug/L
Benzene	< 0.300	
Toluene	< 0.300	
Ethylbenzene	< 0.300	
Xylenes (Total)	< 0.500	
TPH as Gasoline	< 50.0	

Notes:

Client Number: GTR01CHV08
 Project ID: Chevron
 2630 Broadway
 Oakland, CA
 Facility Number: 0092506
 Login Number: C5-09-0255

CONFORMANCE/NONCONFORMANCE SUMMARY

(X = Requirements Met

* = See Comments

NA = Not Applicable)

#	Conformance Item	VOA GC/MS	VOA GC	SV GC/MS	SV GC	Metals	Wet Chem
1	GC/MS Tune		NA		NA	NA	NA
2	Initial Calibration		X				
3	Continuing Calibration		X				
4	Surrogate Recovery		X			NA	NA
5	Holding Time		X				
6	Method Accuracy		X				
7	Method Precision		X				

8 Blank Contamination - List/ND (None Detected)/*(See Comments)

VOA: ND

SV:

Metals:

Wet Chem:

9 Comments: