

ENVIRONMENTAL
PROTECTION



Chevron

ST AUG 19 PM 2:50

August 18, 1997

Mr. Scott Seery
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

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

Marketing - Sales West
Phone 510 842-9500

**Re: Chevron Service Station #9-0917
5820 Hopyard Road, Pleasanton, California**

Dear Mr. Seery:

Enclosed is a Soil and Groundwater Investigation report that was prepared by Pacific Environmental Group Inc., for the above noted site. The purpose of this investigation was to define the extent of petroleum hydrocarbons in the soil and groundwater to the south of the site.

Three borings were drilled to a depth of 21.5 feet and converted to monitoring wells to a depth of 20 feet. Only two soil samples were taken from each boring (5 & 10 foot levels), as the groundwater stabilized around the 8 foot level. The soil samples were analyzed for the TPH-g, BTEX and MtBE constituents. All of the soil samples taken and analyzed, were below the method detection limits for all of the constituents.

The groundwater samples were analyzed for the same constituents, as noted above and they were also below method detection limits for the same constituents.

The consultant also reviewed the local hydrogeological pattern in the area, due to the conflicting groundwater direction at the site. The site is located in the Dublin Subbasin of the Livermore Valley Groundwater Basin. Regionally, the upper unconfined groundwater in the Dublin Subbasin generally flows south. Aquifers in the Dublin Subbasin are generally flatlying. However, since March of 1996 the groundwater flow direction has been generally in a northeasterly direction. Refer to Table 3 of this report that shows the historic groundwater flow direction and gradient.

It appears that the lateral extent of petroleum hydrocarbons in the soil and groundwater southerly of the site has been determined. These three wells will be added to the existing monitoring program and sampled quarterly for a year, after which a review of the results will be made to determine if the sampling frequency will be recommended for reduction.

If you have any questions to this report, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

August 18, 1997
Mr. Scott Seery
Chevron Service Station # 9-0917
Page 2

Enclosure

cc. Mr. Eddie So
RWQCB-San Francisco Bay Region
2101 Webster St., Suite 500
Oakland, CA 94612

Mr. Dan Christopoulos
C & H Development Co.
3744 Mt. Diablo Blvd., Suite 301
Lafayette, CA 94549

La Mirinda Development & Investment
3650 Mt. Diablo Blvd., Suite 170
Lafayette, CA 94549

Motel 6 Operating L. P.
14651 Dallas Parkway, Suite 500
Dallas, TX 75240
Attn. Real Estate Attorney

Motel 6 Operating L. P.
Regional Office II
1111 Shoreway Road
Belmont, CA 94002

Ms. Deanna Harding *
Project Coordinator
Gettler-Ryan, Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (Less lab results)

*Please add these three wells to the existing monitoring program.

Ms. Bette Owen, Chevron



ENVIRONMENTAL
PROTECTION
95 DEC 20 PM 4 24

GETTLER-RYAN Inc.

October 31, 1996

Job #5242.80

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

Re: Third Quarter Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

Dear Mr. Briggs:

This report documents the quarterly groundwater sampling event performed by Gettler-Ryan Inc. (G-R). On September 26, 1996, field personnel were on-site to monitor three wells (MW-4, MW-5 and MW-6) and sample two wells (MW-5 and MW-6) at Chevron Service Station #9-0917 located at 5280 Hopyard Road in Pleasanton, California.

Static groundwater levels were measured on September 26, 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.

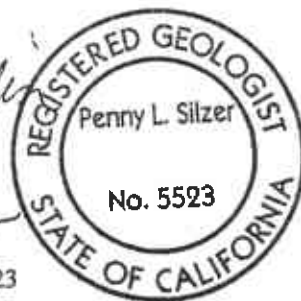
Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Groundwater Sampling (attached). The field data sheets for this event are also attached. The samples were analyzed by NEI/GTEL Environmental Laboratories, Inc. Analytical results are presented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

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

Sincerely,

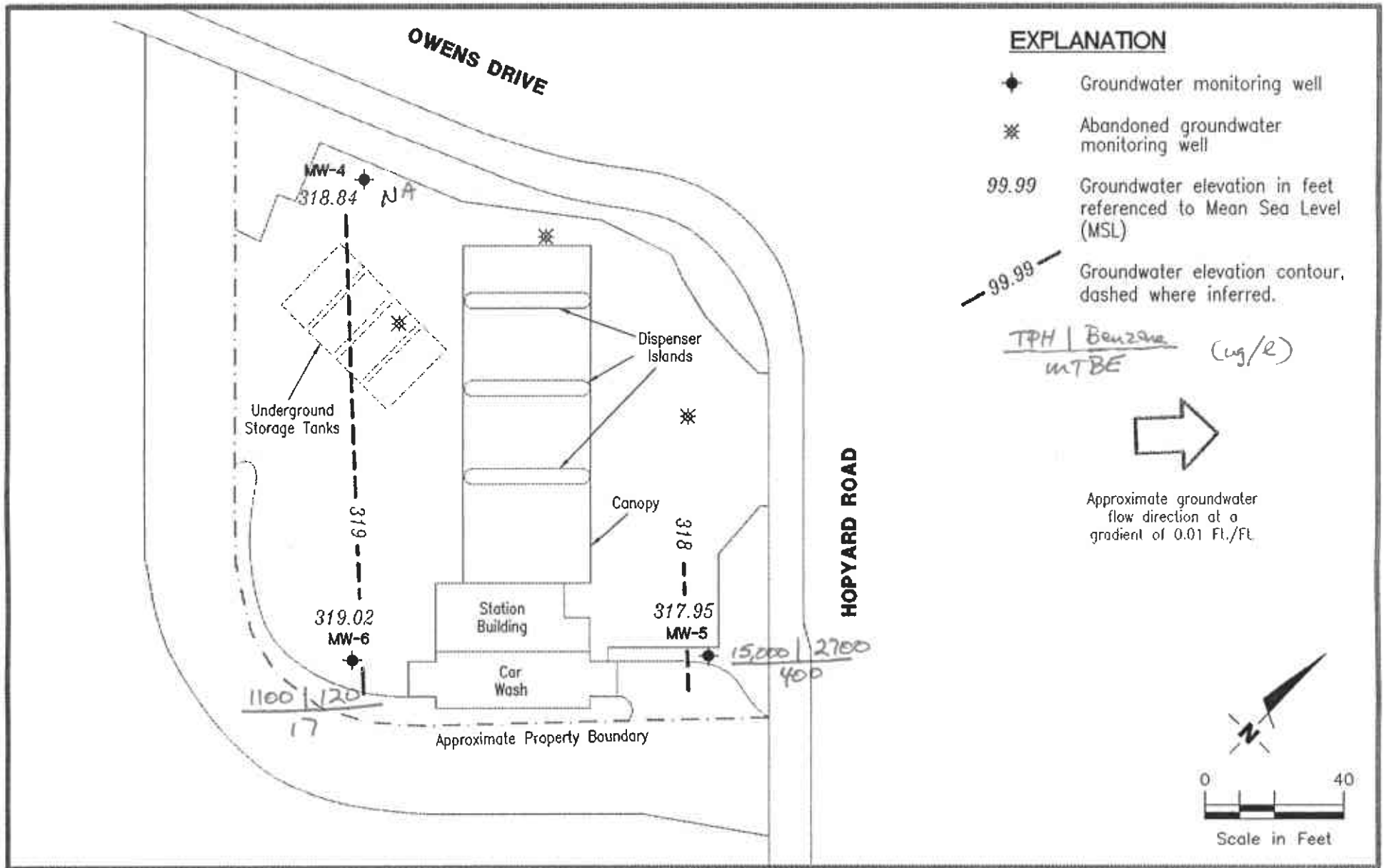
Deanna L. Harding
Deanna L. Harding
Project Coordinator

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



DLH/PLS/dlh
5242.QML

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



Gettler - Ryan Inc.

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

POTENTIOMETRIC MAP
Chevron Service Station No. 9-0917
5280 Hopyard Road
Pleasanton, California

FIGURE

1

JOB NUMBER
5242

REVIEWED BY

DATE
September 26, 1996

REVISED DATE



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	Product				MTBE
						B	T	E	X	
MW-1 ¹ / 326.48	7/12/89	---	---	---	100	<0.5	<0.5	6	<0.5	---
	8/2/89	8.10	318.38	0	---	---	---	---	---	---
	10/24/89	7.51	318.97	0	<50	1	<0.5	13	<0.5	---
	3/12/90	8.41	318.07	0	140	0.8	<0.5	1	<0.5	---
	3/26/90	8.14	318.34	0	---	---	---	---	---	---
	6/22/90	8.31	318.17	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/11/90	8.14	318.35	0	<50	<0.5	<0.5	<0.5	<0.5	---
	4/18/91	8.02	318.34	0	77	<0.5	<0.5	<0.5	<0.5	---
MW-2 ¹ / 327.53	7/17/89	---	---	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/2/89	9.05	318.48	0	---	---	---	---	---	---
	10/24/89	9.24	318.29	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/12/90	10.07	317.46	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/26/90	10.05	317.48	0	---	---	---	---	---	---
	6/22/90	10.05	317.48	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/11/90	9.68	317.85	0	<50	<0.5	<0.5	<0.5	<0.5	---
	4/18/91	9.23	318.30	0	<50	<0.5	<0.5	<0.5	<0.5	---
MW-3 ¹ / 326.47	7/17/89	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	8/2/89	8.15	318.32	0	---	---	---	---	---	---
	10/24/89	7.59	318.88	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/12/90	8.47	318.00	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/26/90	8.83	317.64	0	---	---	---	---	---	---
	6/22/90	8.83	317.64	0	<50	0.4	<0.5	0.8	<0.5	---
	9/11/90	8.41	318.06	0	<50	<0.5	<0.5	<0.5	<0.5	---
	4/18/91	7.98	318.49	0	<50	<0.5	<0.5	<0.5	<0.5	---
MW-4/ 327.28	9/16/91	9.59	317.69	0	<50	<0.5	<0.5	<0.5	<0.5	---
	1/22/92	9.49	317.79	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/26/92	8.89	318.39	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/5/92	9.22	318.06	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/23/92	9.35	317.93	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/30/92	8.28	319.00	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/22/93	8.25	319.03	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/14/93	9.16	318.12	0	---	---	---	---	---	---
	7/25/93	9.10	318.18	0	<50	<0.5	<0.5	<0.5	<0.5	---
	9/23/93	8.70	318.58	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/28/93	9.90	317.38	0	<50	<0.5	<0.5	<0.5	0.5	---



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	←-----ppb----->				
						B	T	E	X	MTBE
MW-4 (cont)	3/21/94	9.25	318.03	0	<50	1.0	2.0	0.5	1.9	---
	6/7/94	9.05	318.23	0	<50	<0.5	<0.5	<0.5	<0.5	---
	10/7/94	8.97	318.31	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/29/94	9.22	318.06	0	<50 ²	<0.5	1.1	0.8	2.7	---
	3/6/95	9.02	318.26	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/14/95	8.81	318.47	0	170	<0.5	<0.5	<0.5	<0.5	---
	9/14/95	9.28	318.00	0	<50	1.0	<0.5	1.6	<0.5	---
	12/16/95	7.86	319.42	0	<50	<0.5	<0.5	<0.5	<0.5	150
	3/28/96	8.34	318.94	0	<50	<0.5	<0.5	<0.5	<0.5	53
	6/28/96	8.49	318.79	0	70	<0.5	<0.5	<0.5	<0.5	92
	9/26/96	8.44	318.84	0	---	---	---	---	---	---
MW-5/ 327.82	9/16/91	10.06	317.76	0	12,000	4,000	29	1,600	92	---
	1/22/92	10.58	317.24	0	44,000	2,000	320	5,700	2,400	---
	3/26/92	9.18	318.64	0	39,000	3,200	210	5,700	2,400	---
	6/5/92	9.90	317.92	0	28,000	3,800	140	4,000	2,000	---
	9/23/92	9.97	317.85	0	40,000	2,000	290	2,900	1,800	---
	12/30/92	8.80	319.02	0	44,000	9,000	190	3,100	1,600	---
	3/22/93	9.33	318.49	0	43,000	6,500	170	2,400	2,400	---
	6/14/93	9.78	318.04	0	---	---	---	---	---	---
	7/25/93	9.72	318.10	0	43,000	550	45	2,700	1,100	---
	9/23/93	9.42	318.40	0	44,000 ²	14,000	640	3,700	1,800	---
	12/28/93	9.67	318.15	0	56,000	12,000	590	4,100	1,600	---
	3/21/94	9.71	318.11	0	48,000	12,000	600	4,700	1,600	---
	6/7/94	9.72	318.10	0	42,000	13,000	480	3,700	1,200	---
	10/7/94	9.55	318.27	0	15,000	1,100	41	950	34	---
	12/29/94	9.92	317.90	0	45,000	12,000	460	3,600	1,400	---
	3/6/95	9.32	318.50	0	40,000	9,700	210	3,500	700	---
	6/14/95	9.41	318.41	0	42,000	8,000	170	3,700	640	---
	9/14/95	10.52	317.30	0	26,000 ²	4,100	85	2,000	270	---
	12/16/95	8.34	319.48	0	35,000	7,300	<0.5	2,900	420	<500
	3/28/96	9.73	318.09	0	30,000	5,200	160	3,500	600	<250
6/28/96	9.45	318.37	0	26,000	4,300	60	2,100	200	680	
9/26/96	9.87	317.95	0	15,000	3,700	59	1,300	140	---	
MW-6/ 328.48	9/16/91	10.61	317.87	0	6,200	1,300	3.9	550	78	---
	1/22/92	10.30	318.18	0	18,000	2,800	48	2,000	440	---
	3/26/92	9.50	318.98	0	21,000	3,300	17	2,100	300	---
	6/5/92	10.34	318.14	0	14,000	2,800	9.2	1,800	270	---



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	←-----ppb----->				
						B	T	E	X	MTBE
MW-6	9/23/92	10.56	317.92	0	19,000	1,000	40	1,200	230	---
(cont)	12/30/92	9.75	318.71	0	15,000	1,100	<5	1,000	77	---
	3/22/93	9.27	319.21	0	15,000	1,300	10	770	220	---
	6/14/93	10.15	318.33	0	---	---	---	---	---	---
	7/25/93	10.25	318.23	0	6,400	630	<2.5	440	6	---
	9/23/93	10.17	318.31	0	9,500	1,000	23	690	110	---
	12/28/93	10.52	317.96	0	11,000	890	31	730	48	---
	3/21/94	10.28	318.20	0	5,700	380	10	270	22	---
	6/7/94	10.28	318.20	0	5,300	600	4.4	370	26	---
	10/7/94	10.42	318.06	0	2,600	270	<5.0	110	<5.0	---
	12/29/94	10.25	318.23	0	4,500	560	6.2	360	<5.0	---
	3/6/95	9.36	319.12	0	4,100	480	15	290	20	---
	6/14/95	10.11	318.37	0	2,800	180	6.9	110	6.6	---
	9/14/95	10.27	318.21	0	3,100 ³	370	<0.5	250	<0.5	---
	12/16/95	9.27	319.21	0	1,900	210	<0.5	76	<0.5	<13
	3/28/96	9.35	319.13	0	1,000	120	<0.5	64	<0.5	<5.0
	6/28/96	9.78	318.70	0	950	110	0.8	44	<0.5	22
	9/26/96	9.46	319.02	0	1,100	120	1.6	48	<0.5	17
Trip Blank	6/22/90	---	---	---	<50	<0.3	<0.3	<0.3	<0.6	---
	9/16/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	1/22/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/26/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	6/5/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
TB-LB	9/23/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/30/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/22/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	7/25/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	9/23/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/28/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/21/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	6/7/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/7/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/29/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/6/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	6/14/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	9/14/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/16/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	←-----ppb----->				MTBE
						B	T	E	X	
TB-LB (cont)	3/28/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	6/28/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	9/26/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
Bailer Blank	3/22/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
BB	7/25/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	9/23/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/28/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/21/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, California
(continued)

EXPLANATION:

TOC = Top of casing elevation
(ft) = feet
DTW = Depth to water
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-tertiary-butyl ether
ppb = Parts per billion
— = Not applicable/not available

ANALYTICAL METHODS:

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

NOTES:

Water level elevation data and laboratory analytical results prior to June 14, 1995,, were compiled from Quarterly Monitoring Reports prepared for Chevron by Sierra Environmental Services.

- * Product thickness was measured with an MMC flexi-dip interface probe on and after March 22, 1993.
- ¹ Wells MW-1, MW-2 and MW-3 were abandoned on April 18 and 19, 1991.
- ² Uncategorized compound not included in gasoline hydrocarbon concentration.
- ³ Uncategorized compound not included in gasoline concentration. Data obtained from multiple dilutions. Dilution factor noted represents the dilution used for majority of results.



STANDARD OPERATING PROCEDURE - 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 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 USA 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 SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez DATE 9.26-96
 ADDRESS 5280 Hopyard Rd JOB # 5242-55
 CITY Pleasanton SS# 9-0917

Well ID MW-4 Well Condition OK

Well Location Description _____

Well Diameter _____ in Hydrocarbon Thickness 0

Total Depth _____ ft

Depth to Liquid 8.44 ft

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

of casing Volume _____ x _____ x(VF) _____ #Estimated purge Volume _____ gal.

Purge Equipment _____ Sampling Equipment _____

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
	<u>Water</u>	<u>level</u>	<u>only</u>	

Weather Conditions _____

Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez DATE 9-26-96
 ADDRESS 5280 Hayward Rd JOB # 5242-85
 CITY Pleasanton SS# 9-0917

Well ID MW-5 Well Condition OK

Well Location Description _____

Well Diameter 2 in Hydrocarbon Thickness ⊖

Total Depth 24.0 ft
 Depth to Liquid 9.87 ft

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

of casing Volume 14.13 x .17 x(VF) 2.4 #Estimated 7.2 gal. ¹purge Volume

Purge Equipment Stack Pump Sampling Equipment Disposable Baiter

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1520 Purging Flow Rate 1.5 gpm.

Sampling Time 1530

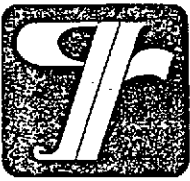
Time	pH	Conductivity	Temperature	Volume
<u>1522</u>	<u>7.18</u>	<u>7940</u>	<u>20.1</u>	<u>3</u> gal
<u>1524</u>	<u>7.30</u>	<u>6940</u>	<u>19.6</u>	<u>6</u> gal
<u>1526</u>	<u>7.31</u>	<u>6910</u>	<u>19.4</u>	<u>9</u> gal
<u>1530</u>	<u>7.21</u>	<u>6900</u>	<u>19.3</u>	<u>10</u> gal

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

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-5</u>	<u>3x40ml</u>	<u>Y</u>	<u>HCL</u>	<u>G.F.E.C.</u>	<u>Gen. BTEX / MTBE</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez DATE ~~9-09-77~~ 9.26.96
 ADDRESS 5280 Highway Rd JOB # 5242.85-
 CITY Pleasanton SS# 9-0917

Well ID MW-6 Well Condition OK

Well Location Description _____

Well Diameter 2 in Hydrocarbon Thickness 0

Total Depth 25.0 ft

Depth to Liquid 9.46 ft

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

} # of casing Volume 15.54 x .17 x(VF) 2.64 #Estimated 7.9 gal. purge Volume

Purge Equipment Stack Pump Sampling Equipment Disposable Baker

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1455 Purging Flow Rate 1.5 gpm.

Sampling Time 1506

Time	pH	Conductivity	Temperature	Volume
<u>1457</u>	<u>7.25</u>	<u>8860</u>	<u>21.2</u>	<u>3</u> gal
<u>1459</u>	<u>7.33</u>	<u>9070</u>	<u>20.8</u>	<u>6</u>
<u>1501</u>	<u>7.35</u>	<u>9260</u>	<u>19.7</u>	<u>9</u>
<u>1506</u>	<u>7.36</u>	<u>9290</u>	<u>19.5</u>	<u>10</u>

Weather Conditions Sunny

Water Color: Clear Odor: mild

Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-6</u>	<u>3x40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTEL</u>	<u>Gas BTEX w/m PCB</u>

Comments _____



Midwest Region

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

RECEIVED

OCT 15 1996

GETTLER-RYAN INC.
GENERAL CONTRACTORS

October 8, 1996

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

RE: GTEL Client ID:	GTR01CHV08
Login Number:	W6090517
Project ID (number):	5242.85
Project ID (name):	CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

Dear Deanna Harding:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 09/28/96.

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.

NEI/GTEL is certified by the California 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 Warr, Project Coordinator for
Terry R. Loucks
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
 Login Number: W6090517
 Project ID (number): 5242.85
 Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

Method: EPA 8020A
 Matrix: Aqueous

GTEL Sample Number	W6090517-01	W6090517-02	W6090517-03	--
Client ID	TBLB	MW-6	MW-5	--
Date Sampled		09/26/96	09/26/96	--
Date Analyzed	10/03/96	10/03/96	10/04/96	--
Dilution Factor	1.00	1.00	10.0	--

Analyte	Reporting		Concentration:			
	Limit	Units				
MTBE	5.0	ug/L	< 5.0	17.	400	--
Benzene	0.5	ug/L	< 0.5	120	2700	--
Toluene	0.5	ug/L	< 0.5	1.6	59.	--
Ethylbenzene	0.5	ug/L	< 0.5	48.	1300	--
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	140	--
BTEX (total)	--	ug/L	--	170	4200	--
TPH as Gasoline	50	ug/L	< 50	1100	15000	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020A:

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 promulgated Update II.

GTEL Client ID: GTR01CHV08
Login Number: W6090517
Project ID (number): 5242.85
Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020A
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:

Project ID (Number): 5242.85
Project ID (Name): Chevron SS #9-0917
5280 Hopyard Rd.
Pleasanton, CA
Work Order Number: W6-09-0517
Date Reported: 10-08-96

METHOD BLANK REPORT

Volatile Organics in Water
EPA Method 8020A

Date of Analysis:

03-Oct-96

QC Batch No:

100396GC17-3

Analyte	Concentration, ug/L
MTBE	<5.0
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Xylene (total)	<0.5
TPH as Gasoline	<50

GTEL Client ID: GTR01CHV08
Login Number: W6090517
Project ID (number): 5242.85
Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020A
Matrix: Aqueous

Matrix Spike(MS) Results

GTEL Sample ID:W6090436-03		MS ID:MS09043603			
Analysis Date: 03-OCT-96		03-OCT-96			
Units: ug/L	Sample	Spike	MS	MS	Acceptability Limits
Analyte	Conc.	Added	Conc.	% Rec.	%Rec.
Benzene	< 0.5 (0.000)	20.0	22.0	110	67-110
Toluene	< 0.5 (0.290)	20.0	20.9	103	68-115
Ethylbenzene	< 0.5 (0.000)	20.0	21.6	108	65-120
Xylenes (Total)	< 0.5 (0.170)	60.0	58.8	97.7	62-119

Notes:

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

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6090517

Volatile Organics

Project ID (number): 5242.85

Method: EPA 8020A

Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

Matrix: Aqueous

Surrogate Results

QC Batch No.	Reference	Sample ID	TFT
Method: EPA 8020A	Acceptability Limits:		43-136%
100396GC17-1	CV1003962017	Calibration Verifi	105
100396GC17-3	BW10039617	Method Blank Water	97.6
100396GC17-5	MS09043603	Matrix Spike	122
100396GC17-7	DP09047504	Duplicate	111.
--	09051701	TBLB	98.2
--	09051702	MW-6	112.
--	09051703	MW-5	105

Notes:

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

GTEL Client ID: GTR01CHV08
Login Number: W6090517
Project ID (number): 5242.85
Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020A
Matrix: Aqueous

Calibration Verification Sample Summary

Analyte	Spike Amount	Check Sample Concentration	QC Percent Recovery	Acceptability Limits Recovery
EPA 8020A	Units:ug/L	QC Batch:100396GC17-1		
Benzene	20.0	20.9	105.	77-123%
Toluene	20.0	21.5	108.	77.5-122.5%
Ethylbenzene	20.0	21.6	108.	63-137%
Xylenes (Total)	60.0	62.1	104.	85-115%
TPH as Gasoline	500.	545.	109.	80-120%

Notes:

QC check source: Supelco #LA12389

GTEL Client ID: GTR01CHV08
Login Number: W6090517
Project ID (number): 5242.85
Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020A
Matrix: Aqueous

Duplicate Sample Results

Analyte	Original Concentration	Duplicate Concentration	RPD, %	Acceptability Limits, %
EPA 8020A	Units: ug/L	QC Batch: 100396GC17-7	GTEL Sample ID: W6090475-04	Client ID: Batch QC
Benzene	3990	4050	1.49	23.9
Toluene	49.4	50.7	2.60	27.2
Ethylbenzene	349	354	1.42	21.6
Xylenes (Total)	196	197	0.509	22.0

Notes:

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