

ENVIRONMENTAL PROTECTION
96 JUN -3 PM 3:23
 **Chevron**

May 30, 1996

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

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

Marketing – Northwest Region
Phone 510 842 9500

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

Dear Mr. Seery:

I am enclosing the first quarter 1996 quarterly sampling report prepared by Gettler-Ryan Inc. dated May 2, 1996, and that was conducted at the above noted site. The sampling was conducted at the site on March 28, 1996.

The groundwater samples were analyzed for the presence of TPHG, BTEX and MTBE constituents. Monitoring well MW-4 was ND for TPHG and BTEX constituents, but did show a slight presence of MTBE. Monitoring well MW-5 showed the presence of all constituents, with benzene showing an unexplained increase and MTBE unknown due to the dilution factor. Monitoring well MW-6 was ND for Toluene, Xylene and MTBE constituents, with a decrease in TPHG, Benzene and Ethylbenzene.

Note that the groundwater flow direction is now in an northerly direction while last quarter it was in a southerly direction. It appears that the regional groundwater flow/recharge is effecting the groundwater flow at the site. As noted in my letter of May 29, 1996, Chevron's consultant will review the regional geology and groundwater (as part of the proposed Work Plan), this should give us some meaning to the flow change.

Chevron will continue to monitor the site quarterly. If additional permanent wells are added later on these will be included in the monitoring program. If you have any questions call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY



Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure



May 29, 1996

Mr. Scott Seery

Chevron Service Station # 9-0917
5280 Hopyard Road, Pleasanton, California

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

Property Owners, C & H Development Co.
3744 Mt. Diablo Blvd., Suite 301, Lafayette, CA 94549

Ms. Bette Owen, Chevron Products Co.



GETTLER-RYAN INC.

Job #5242.80

Mr. Kenneth Kan
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

Re: Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

Dear Mr. Kan:

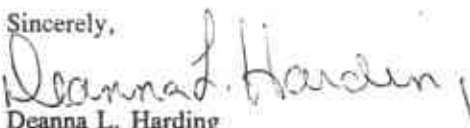
This report documents the quarterly groundwater sampling event performed by Gettler-Ryan Inc. (G-R). On March 28, 1996, field personnel were on-site to monitor and sample three wells (MW-4, MW-5 and MW-6) at Chevron Service Station #9-0917 located at 5280 Hopyard Road in Pleasanton, California.


Static groundwater levels were measured on March 28, 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,

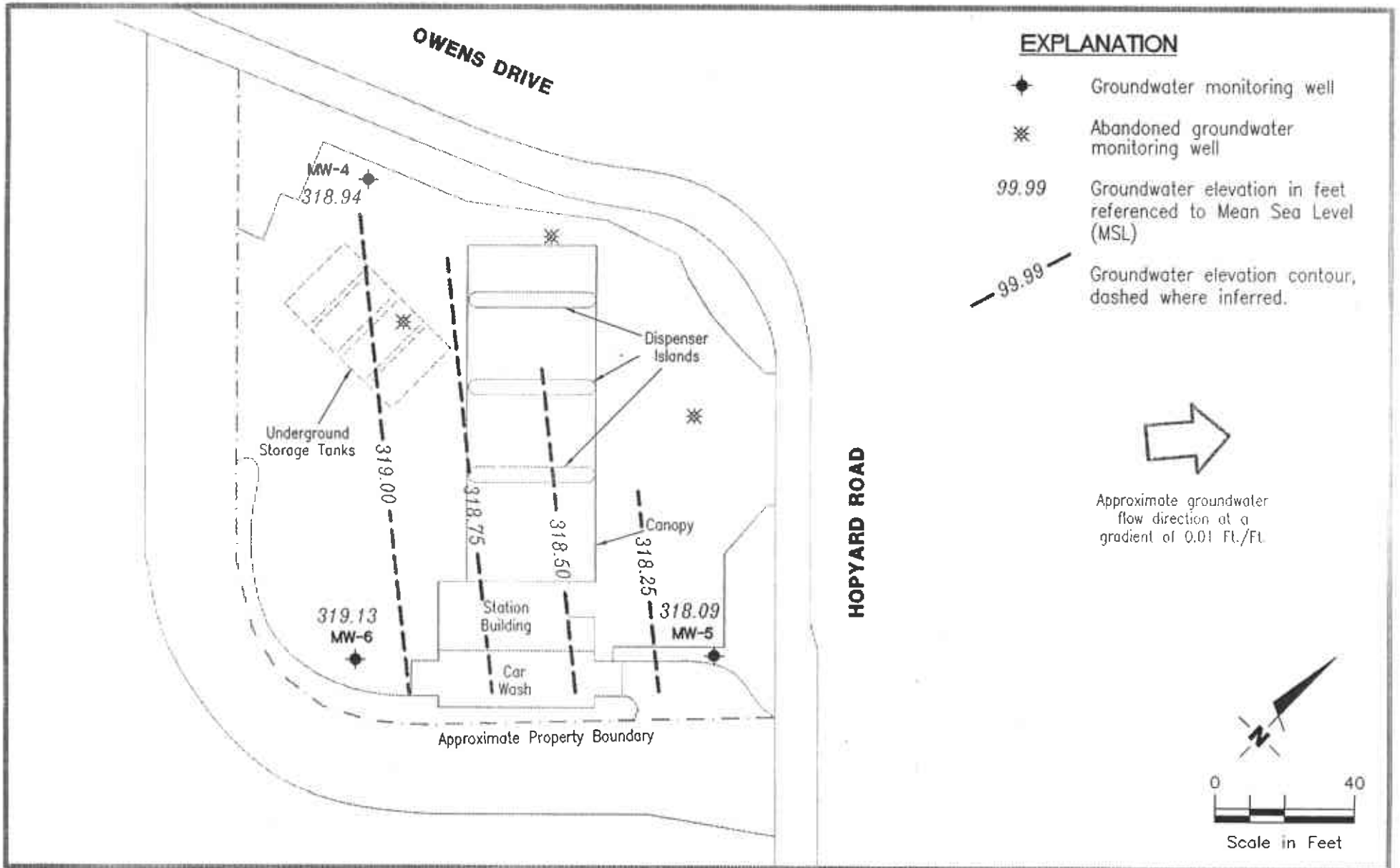

Deanna L. Harding
Project Coordinator


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



DLH/PLS/dlh
5242.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

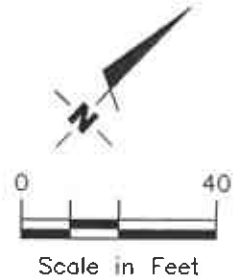


EXPLANATION

- ◆ Groundwater monitoring well
- ※ Abandoned groundwater monitoring well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred.



Approximate groundwater flow direction at a gradient of 0.01 Ft./Ft.



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
March 28, 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)	ppb				
						B	T	E	X	MTBE
MW-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' 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' 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	---
	3/21/94	9.25	318.03	0	<50	1.0	2.0	0.5	1.9	---



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		
MW-4 (cont)	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	<0.50	<0.50	<0.50	<0.50	150	
	3/28/96	8.34	318.94	0	<50	<0.5	<0.5	<0.5	<0.5	53	
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	<0.50	2,900	420	<500		
3/28/96	9.73	318.09	0	30,000	5,200	160	3,500	600	<250		
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	---	
	9/23/92	10.56	317.92	0	19,000	1,000	40	1,200	230	---	
	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	---	



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		
MW-6 (cont)	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	<0.50	76	<0.50	<13	
	3/28/96	9.35	319.13	0	1,000	120	<0.5	64	<0.5	<5.0	
	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	<0.50	<0.50	<0.50	<0.50	<2.5		
3/28/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0		
Bailer Blank BB	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	---	



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0917, 5280 Hopyard Road, Pleasanton, 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-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 analytic 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 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.C. Inc DATE 3-28-95
 ADDRESS 5280 Hayward Rd JOB # 5242.83
 CITY Pleasanton CA SS# ~~52809-0917~~

Well ID MW-4 Well Condition dry
 Well Location Description _____

Well Diameter 2" in
 Total Depth 25' ft
 Depth to Liquid 8.34 ft

Hydrocarbon Thickness 0

Volume	2" = 0.17	6" = 1.50	12" = 5.20
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3 x 16.66 x 0.11 x (VF) 2.8 #Estimated 8.5 gal.

Purge Equipment Suction Sampling Equipment Bailer ^{purge} Volume _____
 Did well dewater NO If yes, Time _____ Volume _____

Starting Time 12:34 Purging Flow Rate 115 gpm.
 Sampling Time 12:43

Time	pH	Conductivity	Temperature	Volume
<u>12:38</u>	<u>7.24</u>	<u>460</u>	<u>19.5</u>	<u>3.0</u>
<u>12:38</u>	<u>7.05</u>	<u>4720</u>	<u>19.1</u>	<u>6</u>
<u>12:40</u>	<u>7.27</u>	<u>4710</u>	<u>19.2</u>	<u>9</u>
<u>12:43</u>	<u>7.25</u>	<u>4700</u>	<u>19.2</u>	<u>10</u>

Weather Conditions Partly cloudy Breezy
 Water Color: clear Odor: none
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-4</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>Gas Bior MEE</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. CHIR DATE 3-28-76
 ADDRESS 5280 Hayward Rd JOB # 524285
 CITY Pleasanton CA SS# 9-0917

Well ID MW-5 Well Condition Okay
 Well Location Description _____

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 24' ft
 Depth to Liquid 9.73 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.39		
(VF)	4" = 0.66		

of casing 3x 14127 x 0.17 x (VF) 2.4 #Estimated 7.3 gal.
 Volume _____ purge Volume _____

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1301 Purging Flow Rate 1.3 gpm.
 Sampling Time 1310

Time	pH	Conductivity	Temperature	Volume
<u>1303</u>	<u>7.03</u>	<u>1413</u>	<u>18.6</u>	<u>2.6</u>
<u>1305</u>	7.03 <u>7.48</u>	<u>1469</u>	<u>20.2</u>	<u>5.2</u>
<u>1307</u>	<u>7.49</u>	<u>1465</u>	<u>20.3</u>	<u>7.8</u>
<u>1310</u>	<u>7.48</u>	<u>1468</u>	<u>20.1</u>	<u>8.0</u>

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

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-5</u>	<u>3x 40ml VOA</u>	<u>Y</u>	<u>HC</u>	<u>GTBL</u>	<u>Cons BTEX/PAHs</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 3-28-96
 ADDRESS 5280 Hayward Rd JOB # 524285
 CITY Pleasanton CA SS# 9-0917

Well ID ANW-G Well Condition okay
 Well Location Description _____

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 25 ft

Depth to Liquid 9.35 ft

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

of casing 3x Volume 15.65 x 0.17 x(VF) 2.7 #Estimated 7.9 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 12:47 Purging Flow Rate 1.5 gpm.

Sampling Time 12:56

Time	pH	Conductivity	Temperature	Volume
<u>12:49</u>	<u>7.08</u>	<u>4060</u>	<u>18.8</u>	<u>3</u>
<u>12:51</u>	<u>7.50</u>	<u>4260</u>	<u>20.4</u>	<u>6</u>
<u>12:53</u>	<u>7.51</u>	<u>4250</u>	<u>19.8</u>	<u>9</u>
<u>12:56</u>	<u>7.50</u>	<u>4250</u>	<u>19.9</u>	<u>10</u>

Weather Conditions Partly Cloudy Breezy
 Water Color: Clear Odor: N/A
 Sediment Description N/A

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>ANW-G</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HC</u>	<u>GTBL</u>	<u>GES BIRG N/A</u>

Comments _____

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

Chevron Facility Number 9-0917
Facility Address 5280 Hayward Rd Pittsburg CA
Consultant Project Number 5242.83
Consultant Name Gettler-Ryan
Address 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name) Deanna Harding
(Phone) 510 551-7555 (Fax Number) 551-7888

Chevron Contact (Name) Kenneth Kan
(Phone) 842-8752
Laboratory Name GTEL
Laboratory Release Number 3507800
Samples Collected by (Name) P.C. Line
Collection Date 3-28-96
Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks							
								TPH Gas + BTEX w/MTBE (8015)	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)										
TB-413	1	2	W	TS	-	HIL	Y	X																	
MW-4	2	3		G	1243																				
MW-6	3	3			1254																				
MW-5	4	3			1310																				

DO NOT BILL TB-LB ANALYSIS

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>GTEL</u>	Date/Time <u>3-29-96 11:10</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>GTEL</u>	Date/Time <u>3-29-96 11:10</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 6 Days 10 Days <u>Contracted</u>
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>GTEL</u>	Date/Time <u>3-29-96 16:00</u>	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>3/30/96 0845</u>	

COC-3.0/03.01/1/1/1/1/1



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Midwest Region

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

April 8, 1996

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

RECEIVED

APR 11 1996

GETTLER-RYAN INC.
GENERAL CONTRACTORS

RE: GTEL Client ID:	GTR01CHV08
Login Number:	W6030592
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 03/30/96.

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.

Martha E. Paul, Client Services Manager

Terry R. Loucks
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
 Login Number: W6030592
 Project ID (number): 5242.85
 Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

Method: EPA 8020
 Matrix: Aqueous

GTEL Sample Number	W6030592-01	W6030592-02	W6030592-03	W6030592-04
Client ID	TB-LB	MW-4	MW-6	MW-5
Date Sampled		03/28/96	03/28/96	03/28/96
Date Analyzed	04/05/96	04/05/96	04/05/96	04/05/96
Dilution Factor	1.00	1.00	1.00	50.0

Analyte	Reporting		Concentration:			
	Limit	Units				
MTBE	5.0	ug/L	< 5.0	53	< 5.0	< 250
Benzene	0.5	ug/L	< 0.5	< 0.5	120	5200
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	160
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	64	3500
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	600
BTEX (total)	--	ug/L	--	--	180	9500
TPH as Gasoline	50	ug/L	< 50	< 50	1000	30000

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: W6030592
 Project ID (number): 5242.85
 Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/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
Login Number: W6030592
Project ID (number): 5242.85
Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Surrogate Results

QC Batch No.	Reference	Sample ID	TFT
Method: EPA 8020			Acceptability Limits: 43-136%
040496GC10-11	MS03059202	Matrix Spike	82.9
040496GC10-2	BW04049610R1	Method Blank Water	84.1
040496GC10-4	CV0404962010	Calibration Verifi	75.9
040496GC10-9	DP03059204	Duplicate	90.3
--	03059201	TB-LB	62.1
--	03059202	MW-4	82.3
--	03059203	MW-6	120
--	03059204	MW-5	90.8

Notes:

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

Project ID (Number): 5242.85
Project ID (Name): Chevron SS #9-0917
5280 Hopyard Rd.
Pleasanton, CA
Work Order Number: W6-03-0592
Date Reported: 04-08-96

METHOD BLANK REPORT

Volatile Organics in Water
EPA Method 8020

Date of Analysis:

QC Batch No:

Analyte	Concentration, ug/L
MTBE	<5.00
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Xylene (total)	<0.5
TPH as Gasoline	<50

GTEL Client ID: GTR01CHV08
 Login Number: W6030592
 Project ID (number): 5242.85
 Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

QUALITY CONTROL RESULTS

Volatile Organics
 Method: EPA 8020
 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:040496GC10-4		
Benzene	20.0	20.2	101	77-123%
Toluene	20.0	20.0	100	77.5-122.5%
Ethylbenzene	20.0	18.7	93.5	63-137%
Xylenes (Total)	60.0	59.9	99.8	85-115%
TPH as Gasoline	500	506	101	80-120%

Notes:

QC check source: Supelco #LA12389

GTEL Client ID: GTR01CHV08
 Login Number: W6030592
 Project ID (number): 5242.85
 Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/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: 040496GC10-9	GTEL Sample ID: W6030592-04	Client ID: MW-5
MTBE	< 500	< 500	NA	20
Benzene	5230	5100	2.52	23.9
Toluene	161	155	3.80	27.2
Ethylbenzene	3500	3430	2.02	21.6
Xylenes (Total)	605	591	2.34	22.0
TPH as Gasoline	29600	28800	2.74	20

Notes:

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

GTEL Client ID: GTR01CHV08
 Login Number: W6030592
 Project ID (number): 5242.85
 Project ID (name): CHEVRON/9-0917/5280 HOPYARD RD/PLEASANTON/CA

QUALITY CONTROL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Aqueous

Matrix Spike(MS) Results

GTEL Sample ID:W6030592-02		MS ID:MS03059202			
Analysis Date: 05-APR-96		05-APR-96			
Units: ug/L	Sample	Spike	MS	MS	Acceptability Limits
Analyte	Conc.	Added	Conc.	% Rec.	%Rec.
Benzene	< 0.5 (0.000)	20.0	17.8	89.0	67-110
Toluene	< 0.5 (0.000)	20.0	17.8	89.0	68-115
Ethylbenzene	< 0.5 (0.000)	20.0	17.2	86.0	65-120
Xylenes (Total)	< 0.5 (0.000)	60.0	53.2	88.7	62-119

Notes:

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