



**Chevron**

11 22 1995  
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January 10, 1995

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

**Site Assessment & Remediation Group**  
Phone (510) 842-9500

Ms. Susan Hugo  
Alameda County Environmental Health  
1131 Harbor Bay Pkwy, 2nd Flr.  
Alameda, CA 94502-6577

Re: Former Chevron Service Station No. 9-3864  
5101 Telegraph Avenue, Oakland, California

Dear Ms. Hugo :

Enclosed is Sierra Environmental Services December 28, 1994 report documenting the results of the December 6 sampling event.

Well MW-1 had again detected dissolved hydrocarbons, and MW-3 had detected an increase in total purgeable petroleum hydrocarbons as gasoline (TPPHG) and benzene. The benzene level in MW-3 is higher than C-3. The remaining wells have levels consistent with the historical trend with the exception of C-3 which also shows an increase in dissolved hydrocarbons. The TPPHG levels in C-3 have steadily increased over the last three quarters. The increasing TPPHG concentrations is unusual because these levels should have appeared in the earlier sampling events when the depth to water was approximately the same. The levels should be decreasing.

Please refer to the enclosed report for the latest information. If you have any questions or comments, please call me at (510) 842-8752.

Sincerely,

Chevron U.S.A. Products Co.

Kenneth Kan  
Site Assessment and Remediation Engineer

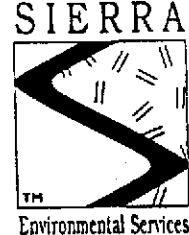
LKAN/MacFile 9-3864R27

cc : Dr. Ravi Arulanantham  
RWQCB-San Francisco Bay Area  
2101 Webster Street, Suite 500  
Oakland, CA 94612

Mr. Breece Sloan  
2057 Vanderslice Ave.  
Walnut Creek, CA 94596

Ms. Bette Owen  
Chevron U.S.A. Products Co.

950100



December 28, 1994

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

Re: Former Chevron Service Station #9-3864  
5101 Telegraph Avenue  
Oakland, California  
SES Project #1-203-04

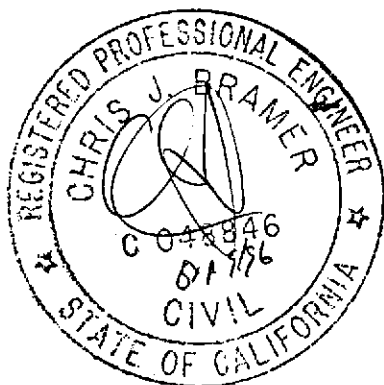
Dear Mr. Kan:

This report presents the results of ground water sampling at Former Chevron Service Station #9-3864, located at 5101 Telegraph Avenue in Oakland, California. Nine wells, C-1 through C-4 and MW-1 through MW-5, were sampled (Figure 1).

On December 6, 1994, SES personnel visited the site. Water level measurements were collected in all site wells and all wells were checked for the presence of free-phase hydrocarbons. Free-phase hydrocarbons were not present in any of the site wells. Water level data are shown in Table 1 and ground water elevation contours are included on Figure 1.

The water samples were collected on December 6, 1994 in accordance with SES Standard Operating Procedure - Ground Water Sampling (attached). The field water sampling forms for this event are included. All analyses were performed by Superior Precision Analytical, Inc. of San Francisco and Martinez, California. Analytic results for ground water are presented in Table 1. The chain of custody document and laboratory analytic reports are attached. SES is not responsible for laboratory omissions or errors.

Thank you for allowing us to provide services to Chevron. Please call if you have any questions.



Sincerely,  
Sierra Environmental Services

Richard E. (Rick) Hilton  
Staff Environmental Scientist



Chris J. Bramer  
Professional Engineer #C48846

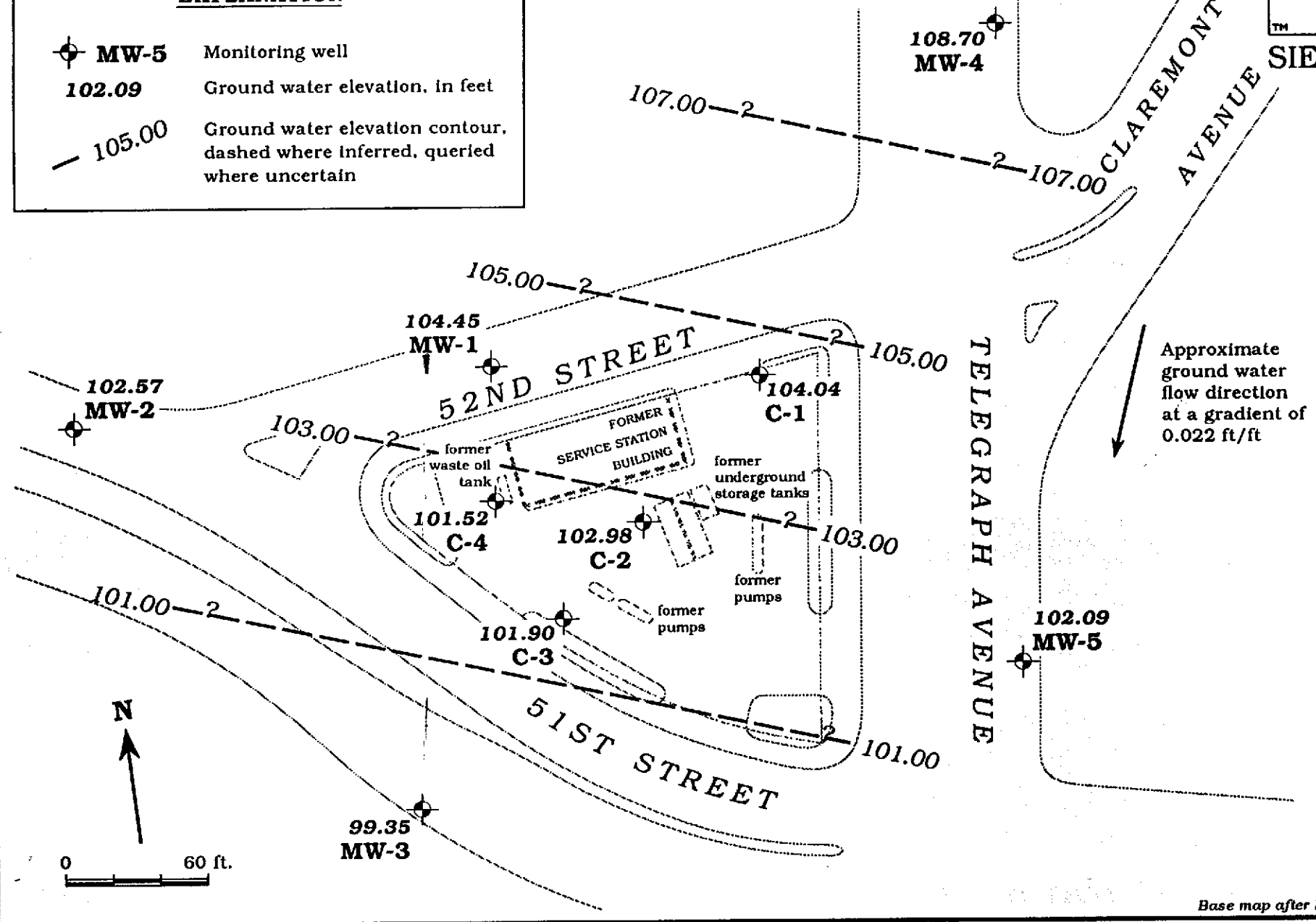
REH/CJB/lmo  
20304QM.DE4

Attachments Figure  
Table  
SES Standard Operating Procedure  
Field Water Sampling Forms  
Chain of Custody Document and Laboratory Analytic Reports



**EXPLANATION**

-  **MW-5** Monitoring well
- 102.09** Ground water elevation, in feet
-  **105.00** Ground water elevation contour, dashed where inferred, queried where uncertain



Base map after RESNA

Figure 1. Monitoring Well Location and Ground Water Elevation Contour Map - December 6, 1994 - Former Chevron Service Station #9-3864, 5101 Telegraph Avenue, Oakland, California



Table 1. Water Level Data and Ground Water Analytic Results - Former Chevron Service Station #9-3864, 5101 Telegraph Avenue, Oakland, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	-----ppb----->			
							B	T	E	X
C-1/ 117.45	12/6/90	15.34	102.11	0	8015/8020	1,900	17	11	3	21
	6/6/91	14.62	102.83	0	8015/8020	3,400	21	15	11	18
	12/4/91	14.48	102.97	0	8015/8020	2,700	22	16	13	23
	6/2/92	14.53	102.92	0	8015/8020	1,900	170	170	13	83
	9/16/92	14.93	102.52	0	8015/8020	810	5.8	5.7	2.0	6.3
	12/21/92	13.73	103.72	0	8015/8020	75	2.4	2.9	1.4	4.7
	3/11/93	13.83	103.62	0	8015/8020	150	2.4	20	3.3	23
	6/11/93	14.19	103.26	0	8015/8020	400	4.3	2.3	1.0	3.5
	9/13/93	14.60	102.85	0	8015/8020	4,100	62	43	34	57
	12/14/93	13.78	103.67	0	8015/8020	3,100	9.5	4.5	1.2	11
	3/16/94	14.01	103.44	0	8015/8020	410	6.3	3.1	1.3	4.5
	6/17/94	14.55	102.90	0	8015/8020	3,700	100	42	30	91
	8/29/94	14.49	102.96	0	8015/8020	2,600	15	<0.5	6.7	9.7
	12/6/94	13.41	104.04	0	8015/8020	510	2.0	2.2	1.7	9.4
	C-2/ 116.16	12/6/90	15.34	100.82	0	8015/8020	210	140	9	2
6/6/91		14.62	101.54	0	8015/8020	4,800	340	23	19	23
12/4/91		15.43	100.73	0	8015/8020	3,900	85	15	9.1	15
6/2/92		14.42	101.74	0	8015/8020	3,300	76	9.2	14	15
9/16/92		14.81	101.35	0	8015/8020	3,000	16	15	3.4	7.5
12/21/92		13.37	102.79	0	8015/8020	2,200	21	12	7.1	15
3/11/93		13.47	102.69	0	8015/8020	2,200	33	24	12	25
6/11/93		13.98	102.18	0	8015/8020	2,600	21	25	11	26
9/13/93		14.55	101.61	0	8015/8020	2,100	31	25	18	39
12/14/93		13.70	102.46	0	8015/8020	3,800	<2.5	24	12	20
3/16/94		13.65	102.51	0	8015/8020	2,600	12	15	10	17
6/17/94		13.29	102.87	0	8015/8020	2,400	17	19	28	71
8/29/94		4.56	111.60	0	8015/8020	3,000	29	15	20	4.2
12/6/94		13.18	102.98	0	8015/8020	1,900	7.9	30	14	31
C-3/ 115.70		12/6/90	16.86	98.84	0	8015/8020	210	2	<0.5	<0.5
	(d) 12/6/90	---	---	---	8015/8020	220	2	0.6	<0.5	2
	6/6/91	15.69	100.01	0	8015/8020	6,400	310	21	16	21



Table 1. Water Level Data and Ground Water Analytic Results - Chevron Service Station #9-3864, 5101 Telegraph Avenue, Oakland, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) ←-----ppb-----→	B	T	E	X
C-3 (cont)	9/16/92	15.89	99.81	0	8015/8020	7,100	130	26	12	30
	12/4/91	15.38	100.32	0	8015/8020	5,100	120	18	17	20
	6/2/92	15.40	100.30	0	8015/8020	6,700	140	44	17	37
	12/21/92	13.91	101.79	0	8015/8020	13,000	390	360	100	410
	3/11/93	13.75	101.95	0	8015/8020	5,100	86	20	12	23
	6/11/93	14.67	101.03	0	8015/8020	7,200	91	38	19	38
	9/13/93	15.53	100.17	0	8015/8020	6,800	100	52	41	75
	12/14/93	14.40	101.30	0	8015/8020	8,600	74	23	18	36
	3/16/94	14.26	101.44	0	8015/8020	6,000	100	42	27	30
	6/17/94	15.10	100.60	0	8015/8020	15,000	170	120	120	270
	8/29/94	15.40	100.30	0	8015/8020	26,000	51	<0.5	58	107
	12/6/94	13.80	101.90	0	8015/8020	34,000	88	140	98	390
C-4/ 116.10	12/6/90	17.68	98.42	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/18/90 <sup>1</sup>	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/6/91	16.49	99.61	0	8015/8020	<50	1.0	1.0	<0.5	0.7
	12/4/91	16.82	99.28	0	8015/8020	70	6.5	9.8	1.7	8.6
	6/2/92	16.92	99.18	0	8015/8020	70	3.0	4.4	1.8	9.0
	9/16/92	17.71	98.39	0	8015/8020	<50	1.4	1.8	<0.5	1.1
	12/21/92	15.36	100.74	0	8015/8020	<50	0.6	0.7	<0.5	1.5
	3/11/93	15.49	100.61	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	6/11/93	16.27	99.83	0	8015/8020	52	0.9	3.1	0.7	3.8
	9/13/93	17.18	98.92	0	8015/8020	64	0.9	1.0	<0.5	1.7
	12/14/93	15.07	101.03	0	8015/8020	<50	<0.5	0.8	<0.5	0.7
	3/16/94	15.91	100.19	0	8015/8020	<50	<0.5	1	<0.5	0.8
	6/17/94	16.64	99.46	0	8015/8020	230	0.6	2.2	2.2	11
	8/29/94	17.05	99.05	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
12/6/94	14.58	101.52	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	
MW-1/ 115.05 <sup>2</sup>	9/20/93	12.68	102.37	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	12/14/93	10.04	105.01	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/16/94	11.95	103.10	0	8015/8020	<50	<0.5	1.7	<0.5	2.1
	6/17/94	12.54	102.51	0	8015/8020	350	1.2	3.7	2	12
	8/29/94	13.07	101.98	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/6/94	10.60	104.45	0	8015/8020	140	0.9	2.8	1.1	4.2



Table 1. Water Level Data and Ground Water Analytic Results - Chevron Service Station #9-3864, 5101 Telegraph Avenue, Oakland, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	←-----ppb-----→			
							B	T	E	X
MW-2/ 112.08 <sup>2</sup>	9/20/93	12.15	99.93	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	12/14/93	14.72	97.36	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/16/94	11.16	100.92	0	8015/8020	<50	<0.5	1.1	<0.5	0.9
	6/17/94	11.67	100.41	0	8015/8020	330	1.4	3.3	1.9	11
	8/29/94	12.00	100.08	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/6/94	9.51	102.57	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
MW-3/ 113.67 <sup>2</sup>	9/20/93	16.42	97.25	0	8015/8020	6,600	400	11	32	23
	12/14/93	14.72	98.95	0	8015/8020	8,400	390	9.4	13	<2.5
	3/16/94	15.22	98.45	0	8015/8020	6,900	260	30	32	27
	6/17/94	16.05	97.62	0	8015/8020	10,000	190	61	58	190
	8/29/94	16.23	97.44	0	8015/8020	7,200	74	9.8	26	24
	12/6/94	14.32	99.35	0	8015/8020	13,000	610	86	88	140
MW-4/ 118.10 <sup>2</sup>	9/20/93	10.93	107.17	0	8015/8020	5,800	16	4.2	35	48
	12/14/93	9.77	108.33	0	8015/8020	7,100	19	6.5	24	35
	3/16/94	10.11	107.99	0	8015/8020	8,500	83	43	60	70
	6/17/94	10.90	107.20	0	8015/8020	21,000	150	20	140	350
	8/29/94	10.82	107.28	0	8015/8020	10,000	86	71	44	85
	12/6/94	9.40	108.70	0	8015/8020	13,000	68	56	67	110
MW-5/ 116.74 <sup>2</sup>	9/20/93	15.31	101.43	0	8015/8020	590	25	1.8	0.6	2
	12/14/93	14.55	102.19	0	8015/8020	210	11	6.3	2.3	6.1
	3/16/94	14.97	101.77	0	8015/8020	270	12	16	4.8	17
	6/17/94	15.38	101.36	0	8015/8020	220	24	17	6.7	28
	8/29/94	15.20	101.54	0	8015/8020	1,000	<0.5	<0.5	<0.5	<0.5
	12/6/94	14.65	102.09	0	8015/8020	110	9.2	9.7	2.2	11
Trip Blank	12/6/90	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/18/90 <sup>3</sup>	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
(AA)	6/6/91	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/4/91	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
TB-LB	6/2/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/16/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5



Table 1. Water Level Data and Ground Water Analytic Results - Chevron Service Station #9-3864, 5101 Telegraph Avenue, Oakland, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	←-----ppb-----→			
							B	T	E	X
TB-LB (cont)	12/21/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/11/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	6/11/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	9/13/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	12/14/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/16/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/17/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	8/29/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/6/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
Bailer Blank (BB)	6/6/91	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/4/91	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/2/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/16/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	12/21/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/11/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	6/11/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	9/13/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	12/14/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
3/16/94	---	---	---	8015/8020	<50	<0.5	0.7	<0.5	0.7	



Table 1. Water Level Data and Ground Water Analytic Results - Former Chevron Service Station #9-3864, 5101 Telegraph Avenue, Oakland, California

EXPLANATION:

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:

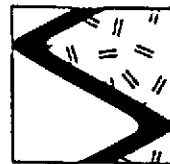
Depth to water data, top of casing elevations prior to June 6, 1991, and ground water analytic data from December 6 and 18, 1990 was compiled from the January 17, 1991 Site Update Reports prepared for this service station by GeoStrategies, Inc. of Hayward, California.

NOTES continued:

Analytic data for September 1993 sampling event for wells MW-1 through MW-5 were compiled from the Well Installation Report prepared for Chevron by Resna, September 1993.

- \* Product thickness was measured by GeoStrategies, Inc., on December 6, 1990 with an electronic oil-water interface probe. SES product thickness measurements after 12/6/90 were made with an MMC flexi-dip interface probe.
- <sup>1</sup> C-4 was also analyzed for halogenated volatile organic compounds (HVOCs) by EPA Method 8010, and metals (Cd, Cr, Pb, Ni and Zn) by EPA-approved methods. Two ppb chloroform, 0.18 ppm chromium, 0.25 ppm nickel and 0.23 ppm zinc were detected. Other HVOCs, Cd and Pb were not detected.
- <sup>2</sup> Top of casing elevations for wells MW-1 through MW-5 were compiled from the Well Installation Report prepared for Chevron by Resna, September 1993.
- <sup>3</sup> The trip blank was also analyzed for HVOCs. HVOCs were not detected.





SIERRA

## SES STANDARD OPERATING PROCEDURE GROUND WATER SAMPLING

The following describes sampling procedures used by SES field personnel to collect and handle ground water samples. Before samples are collected, careful consideration is given to the type of analysis to be performed so that precautions are taken to prevent loss of volatile components or contamination of the sample, and to preserve the sample for subsequent analysis. Wells will be sampled no less than 24 hours after well development. Collection methods specific to ground water sampling are presented below.

Prior to sampling, each well is checked for the presence of free-phase hydrocarbons using an MMC flexi-dip interface probe. Product thickness (measured to the nearest 0.01 foot) is noted on the sampling form. Water level measurements are also made using either a water level meter or the interface probe. The water level measurements are also noted on the sampling form.

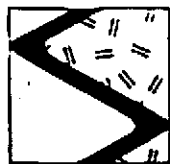
Prior to sampling, each well is purged of a minimum of three well casing volumes of water using a steam-cleaned PVC bailer, or a pre-cleaned pump. Temperature, pH and electrical conductivity are measured at least three times during purging. Purging is continued until these parameters have stabilized (i.e., changes in temperature, pH or conductivity do not exceed  $\pm 0.5^{\circ}\text{F}$ , 0.1 or 5%, respectively).

The purge water is taken to Chevron's Richmond Refinery for disposal.

Ground water samples are collected from the wells with Chevron designated disposable bailers. The water samples are decanted into the appropriate container for the analysis to be performed. Pre-preserved sample containers may be used or the analytic laboratory may add preservative to the sample upon arrival. Duplicate samples are collected from each well as a back-up sample and/or to provide quality control. The samples are labeled to include the project number, sample ID, date, preservative, and the field person's initials. The samples are placed in polyethylene bags and in an ice chest (maintained at  $4^{\circ}\text{C}$ ) for transport under chain of custody to the laboratory.

The chain of custody form includes the project number, analysis requested, sample ID, date analysis and the SES field person's name. The form is signed and dated (with the transfer time) by each person who yields or receives the samples beginning with the field personnel and ending with the laboratory personnel.

A trip blank accompanies each sampling set, or 5% trip blanks are included for sets of greater than 20 samples. The trip blank is analyzed for some or all of the same compounds as the ground water samples.



SIERRA

### WATER SAMPLING DATA

Job Name SID TELEGRAPH OAK

Job Number 1-203-04

Sampler TL

Well Number TB/LB

Date 12/06/94

Well Diameter 2" / 4"

Sample Point Location/Description \_\_\_\_\_

Well Depth (spec.) \_\_\_\_\_

Depth to Water (static) \_\_\_\_\_

Well Depth (sounded) \_\_\_\_\_

Initial height of water in casing \_\_\_\_\_

Volume \_\_\_\_\_ gallons

Volume to be purged \_\_\_\_\_ gallons

Purged With PUMP

Sampled With DISP. BAILER

Pumped or Bailed Dry? Yes No

Time \_\_\_\_\_ After \_\_\_\_\_ gallons

Water level at sampling \_\_\_\_\_

Percent Recovery \_\_\_\_\_

**Formulas/Conversions**  
 $r$  = well radius in ft  
 $h$  = ht of water col. in ft  
 vol. in cyl. =  $\pi r^2 h$   
 7.48 gal/ft<sup>3</sup>  
 $V_{1/2}$  casing = 0.163 gal/ft  
 $V_{1/4}$  casing = 0.367 gal/ft  
 $V_{3/8}$  casing = 0.653 gal/ft  
 $V_{1/2}$  casing = 0.826 gal/ft  
 $V_{3/4}$  casing = 1.47 gal/ft  
 $V_{1}$  casing = 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm

SAMPLES COLLECTED Time \_\_\_\_\_

Total volume purged (gal.) \_\_\_\_\_

Water color \_\_\_\_\_

Odor \_\_\_\_\_

Description of sediments or material in sample: \_\_\_\_\_

Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
TB/LB	2	1	—	HCl	Y	SPA	G/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



### WATER SAMPLING DATA

Job Name SDI TELEGRAPH, OAK

Job Number 1-203-04

Sampler T.H.

Well Number C-1

Date 12/06/94

Well Diameter 2"

Sample Point Location/Description North corner of LOT

Well Depth (spec.) 30

Depth to Water (static) 13.4 ft

Well Depth (sounded) \_\_\_\_\_

Initial height of water in casing 16.9

Volume 2.70 gallons

Volume to be purged: \_\_\_\_\_

8.1 gallons

Purged With PUMP

Sampled With DISP. BALER

Pumped or Bailed Dry?  Yes  No

Time \_\_\_\_\_ After \_\_\_\_\_ gallons

Water level at sampling \_\_\_\_\_

Percent Recovery \_\_\_\_\_

Formulas/Conversions	
$r$	= well radius in ft
$h$	= ht of water col. in ft
vol. in cyl.	= $\pi r^2 h$
	7.48 gal/ft <sup>3</sup>
$V_{2\%}$ casing	= 0.163 gal/ft
$V_{1\%}$ casing	= 0.367 gal/ft
$V_{0.5\%}$ casing	= 0.653 gal/ft
$V_{0.25\%}$ casing	= 0.826 gal/ft
$V_{0.1\%}$ casing	= 1.47 gal/ft
$V_{0.05\%}$ casing	= 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
1110	1112	3	3	9.5	65	560	
	1118	3	6	9.2	65.9	710	
	1124	3	9	9.0	66.1	700	

SAMPLES COLLECTED Time 1125

Total volume purged (gal.) (9)

Water color 100

Odor mild hydrocarbon

Description of sediments or material in sample: Very Light Matt brown

Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-1	2	1	-	HCl	Y	SPA	G/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



### WATER SAMPLING DATA

Job Name SILO TELEGRAPH OAK Job Number 1-203-04 Sampler T.L.  
 Well Number E-2 Date 12/06/94 Well Diameter 2"  
 Sample Point Location/Description Center of site on lot Well Depth (spec.) 30  
 Depth to Water (static) 13.18 Well Depth (sounded) \_\_\_\_\_  
 Initial height of water in casing 16.62 Volume 2.27 gallons  
 Volume to be purged 8.2 gallons  
 Purged With PUMP Sampled With DISP. BAILER  
 Pumped or Bailed Dry?  Yes  No Time \_\_\_\_\_ After \_\_\_\_\_ gallons  
 Water level at sampling \_\_\_\_\_ Percent Recovery \_\_\_\_\_

**Formulas/Conversions**  
 $r$  = well radius in ft  
 $h$  = ht of water col. in ft  
 vol. in cyl. =  $\pi r^2 h$   
 7.48 gal/ft<sup>3</sup>  
 $V_{casing} = 0.163$  gal/ft  
 $V_{casing} = 0.367$  gal/ft  
 $V_{casing} = 0.653$  gal/ft  
 $V_{casing} = 0.828$  gal/ft  
 $V_{casing} = 1.47$  gal/ft  
 $V_{casing} = 2.61$  gal/ft

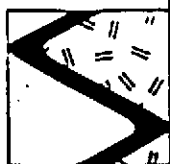
### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
1151	1155	3	3	9.0	63	780	
	1159	3	6	8.9	62.5	880	
	1203	2	9	8.9	66.1	890	

SAMPLES COLLECTED Time 2/3 Total volume purged (gal.) 9  
 Water color clear Odor no odor  
 Description of sediments or material in sample: \_\_\_\_\_  
 Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
<u>E-2</u>	<u>2</u>	<u>1</u>	<u>-</u>	<u>HCl</u>	<u>Y</u>	<u>SPA</u>	<u>G/BTEX</u>

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



SIERRA

### WATER SAMPLING DATA

Job Name SID TELEGRAPH OAK Job Number 1-203-04 Sampler T.L.  
 Well Number C-3 Date 12/06/94 Well Diameter 2"  
 Sample Point Location/Description South side lot on 51st street Well Depth (spec.) 29  
 Depth to Water (static) 13.80 Well Depth (sounded) \_\_\_\_\_  
 Initial height of water in casing 45 Volume 2.48 gallons  
 Volume to be purged 17.4 gallons  
 Purged With PUMP Sampled With DISP. BALER  
 Pumped or Bailed Dry? Yes  No  Time \_\_\_\_\_ After \_\_\_\_\_ gallons  
 Water level at sampling \_\_\_\_\_ Percent Recovery \_\_\_\_\_

**Formulas/Conversions**  
 $r$  = well radius in ft  
 $h$  = ht of water col. in ft  
 $vol. in cyl. = \pi r^2 h$   
 7.48 gal/ft<sup>3</sup>  
 $V_1$  casing = 0.163 gal/ft  
 $V_2$  casing = 0.367 gal/ft  
 $V_3$  casing = 0.653 gal/ft  
 $V_4$  casing = 0.826 gal/ft  
 $V_5$  casing = 1.47 gal/ft  
 $V_6$  casing = 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
1222	1227	3	2	8.9	65.1	760	
	1230	2.5	5.5	8.8	67.4	770	
	1233	2.5	8	8.7	67.6	770	

SAMPLES COLLECTED Time 1240 Total volume purged (gal.) 8  
 Water color clear Odor Strong hydrogen sulfide  
 Description of sediments or material in sample: light brown  
 Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-3	2	1	—	HCl	Y	SPA	G/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



SIERRA

### WATER SAMPLING DATA

Job Name SIDI TELEGRAPH, OAK

Job Number 1-203-04

Sampler T.L.

Well Number C-4

Date 12/10/94

Well Diameter 2"

Sample Point Location/Description West corner of LOT

Well Depth (spec.) 29

Depth to Water (static) 14.58

Well Depth (sounded) \_\_\_\_\_

Initial height of water in casing 14.90

Volume \_\_\_\_\_ gallons

Volume to be purged \_\_\_\_\_ gallons

Sampled With DISP. BALER

Purged With PUMP

Time \_\_\_\_\_ After \_\_\_\_\_ gallons

Pumped or Bailed Dry?  Yes  No

Percent Recovery \_\_\_\_\_

Water level at sampling \_\_\_\_\_

**Formulas/Conversions**  
 $r$  = well radius in ft  
 $h$  = ht of water col. in ft  
 vol. in cyl. =  $\pi r^2 h$   
 7.48 gal/ft<sup>3</sup>  
 $V_1$  casing = 0.163 gal/ft  
 $V_2$  casing = 0.367 gal/ft  
 $V_3$  casing = 0.653 gal/ft  
 $V_4$  casing = 0.826 gal/ft  
 $V_5$  casing = 1.47 gal/ft  
 $V_6$  casing = 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
1035	1040	3	3	9.8	62	560	
	1044	2.5	5.5	9.7	65	570	
	1048	2.5	8	9.7	66.2	580	

SAMPLES COLLECTED Time 1053

Total volume purged (gal.) (8)

Water color clear

Odor liquid

Description of sediments or material in sample: None

Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
2	2	1	-	HCl	Y	SPA	G/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



### WATER SAMPLING DATA

Job Name SIO TELEGRAPH OAK Job Number 1-203-04 Sampler JC  
 Well Number MW-1 Date 12/6/94 Well Diameter 2"  
 Sample Point Location/Description OFF SITE NORTH ON 52ND STREET Well Depth (spec.) 24  
 Depth to Water (static) 10.60 Well Depth (sounded) \_\_\_\_\_  
 Initial height of water in casing 13.4 Volume 2.1 gallons  
 Volume to be purged: 7 gallons  
 Purged With PUMP Sampled With DISP. BAILER  
 Pumped or Bailed Dry?  Yes  No Time \_\_\_\_\_ After \_\_\_\_\_ gallons  
 Water level at sampling \_\_\_\_\_ Percent Recovery \_\_\_\_\_

**Formulas/Conversions**  
 $r$  = well radius in ft  
 $h$  = ht of water col. in ft  
 vol. in cyl. =  $\pi r^2 h$   
 7.48 gal/ft<sup>3</sup>  
 $V_{2.0}$  casing = 0.163 gal/ft  
 $V_{2.25}$  casing = 0.367 gal/ft  
 $V_{2.5}$  casing = 0.653 gal/ft  
 $V_{2.75}$  casing = 0.826 gal/ft  
 $V_{3.0}$  casing = 1.47 gal/ft  
 $V_{3.5}$  casing = 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°F)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
10:00	10:01	2	2	7.9	64	440	
	10:03	3	5	7.7	65	500	
	10:04	2	7	7.5	66	570	

SAMPLES COLLECTED Time 10:12 Total volume purged (gal.) 7  
 Water color Cloudy Odor NONE  
 Description of sediments or material in sample: SOME SED.  
 Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-1	3	1	-	HCl	Y	SPA	G/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



### WATER SAMPLING DATA

Job Name SIDI TELEGRAPH, OAK

Job Number 1-203-04

Sampler J.C.

Well Number MW-2

Date 12/6/94

Well Diameter 2"

Sample Point Location/Description West of site on SAND STREET

Well Depth (spec.) 25

Depth to Water (static) 9.5'

Well Depth (sounded) \_\_\_\_\_

Initial height of water in casing 15.49'

Volume 2.52 gallons

Volume to be purged \_\_\_\_\_

3 gallons

Purged With PUMP

Sampled With DISP. BALER

Pumped or Bailed Dry?  Yes  No

Time \_\_\_\_\_ After \_\_\_\_\_ gallons

Water level at sampling \_\_\_\_\_

Percent Recovery \_\_\_\_\_

Formulas/Conversions	
$r$	= well radius in ft
$h$	= ht of water col. in ft
vol. in cyl.	= $\pi r^2 h$
	7.48 gal/ft <sup>3</sup>
$V_1$ casing	= 0.163 gal/ft
$V_2$ casing	= 0.367 gal/ft
$V_3$ casing	= 0.653 gal/ft
$V_4$ casing	= 0.826 gal/ft
$V_5$ casing	= 1.47 gal/ft
$V_6$ casing	= 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
10:28	10:29	2	2	7.6	64	420	
	10:31	3	5	7.6	65	490	
	10:33	3	8	7.6	66	500	

SAMPLES COLLECTED Time 10:40

Total volume purged (gal.) 8

Water color Brown - cloudy

Odor NONE

Description of sediments or material in sample: SOME SED

Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-2	3	1	—	HCl	Y	SPA	G/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_





### WATER SAMPLING DATA

Job Name SID TELEGRAPH, OAK Job Number 1-203-04 Sampler J.C.  
 Well Number MW-3 Date 12/6/94 Well Diameter 2"  
 Sample Point Location/Description South west of site on S1<sup>st</sup> stage Well Depth (spec.) 27  
 Depth to Water (static) 14.82 Well Depth (sounded)           
 Initial height of water in casing 12.68 Volume 2.0 gallons  
 Volume to be purged          gallons  
 Purged With PUMP Sampled With DISP. BALER  
 Pumped or Bailed Dry? Yes  No  Time          After          gallons  
 Water level at sampling          Percent Recovery         

**Formulas/Conversions**  
 $r = \text{well radius in ft}$   
 $h = \text{ht of water col. in ft}$   
 $\text{vol. in cyl.} = \pi r^2 h$   
 $7.48 \text{ gal/ft}^3$   
 $V_{2"} \text{ casing} = 0.163 \text{ gal/ft}$   
 $V_{3"} \text{ casing} = 0.367 \text{ gal/ft}$   
 $V_{4"} \text{ casing} = 0.653 \text{ gal/ft}$   
 $V_{4.5"} \text{ casing} = 0.826 \text{ gal/ft}$   
 $V_{6"} \text{ casing} = 1.47 \text{ gal/ft}$   
 $V_{8"} \text{ casing} = 2.61 \text{ gal/ft}$

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
11:27	11:28	2	2	7.3	63	1130	
	11:30	2	4	7.4	64	1050	
	11:31	2	6	7.4	64	970	

SAMPLES COLLECTED Time 11:39 Total volume purged (gal.) 6  
 Water color Brown - Cloudy Odor Hydrocarbon  
 Description of sediments or material in sample: Brown Sed.  
 Additional Comments:         

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-3	3	1	-	HCl	Y	SPA	GC/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



### WATER SAMPLING DATA

Job Name SIOT TELEGRAPH, OAK Job Number 1-203-04 Sampler J.C.  
 Well Number MW-4 Date 12/6/94 Well Diameter 2"  
 Sample Point Location/Description North East of site on Telegraph Ave. Well Depth (spec.) 22  
 Depth to Water (static) 9.40 Well Depth (sounded) \_\_\_\_\_  
 Initial height of water in casing 42.6 Volume 2.05 gallons  
 Volume to be purged \_\_\_\_\_ gallons  
 Purged With PUMP Sampled With DISP. BAILER  
 Pumped or Bailed Dry?  Yes  No Time \_\_\_\_\_ After \_\_\_\_\_ gallons  
 Water level at sampling \_\_\_\_\_ Percent Recovery \_\_\_\_\_

Formulas/Conversions	
$r$	= well radius in ft
$h$	= ht of water col. in ft
vol. in cyl.	= $\pi r^2 h$
	7.48 gal/ft <sup>3</sup>
$V_c$ casing	= 0.163 gal/ft
$V_{1/2}$ casing	= 0.367 gal/ft
$V_{3/4}$ casing	= 0.653 gal/ft
$V_{5/8}$ casing	= 0.826 gal/ft
$V_{3/4}$ casing	= 1.47 gal/ft
$V_{1/2}$ casing	= 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°F)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
12:00	12:01	2	2	7.5	66	820	
	12:03	2	4	7.5	68	900	
	12:04	2	6	7.4	69	910	

SAMPLES COLLECTED Time 12:12 Total volume purged (gal.) 6  
 Water color Cloudy Brown Odor Hydrocarbon  
 Description of sediments or material in sample: Brown Sed.  
 Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-4	3	1	-	HCl	Y	SPA	GC/ISTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_



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### WATER SAMPLING DATA

Job Name SID TELEGRAPH, OAK Job Number 1-203-04 Sampler J.C.  
 Well Number MW-5 Date 12/6/94 Well Diameter 2"  
 Sample Point Location/Description EAST OF SITE ON TELEGRAPH AVE Well Depth (spec.) 22  
 Depth to Water (static) 14.05 Well Depth (sounded) 14.05  
 Initial height of water in casing 1.35 Volume 1.19 gallons  
 Volume to be purged 1.19 gallons  
 Purged With PUMP Sampled With DISP. BALER  
 Pumped or Bailed Dry? Yes  No  Time 11:00 After 4 gallons  
 Water level at sampling 14.05 Percent Recovery 100

**Formulas/Conversions**  
 $r$  = well radius in ft  
 $h$  = ht of water col. in ft  
 vol. in cyl. =  $\pi r^2 h$   
 7.48 gal/ft<sup>3</sup>  
 $V_c$  casing = 0.163 gal/ft  
 $V_c$  casing = 0.367 gal/ft  
 $V_c$  casing = 0.653 gal/ft  
 $V_c$  casing = 0.828 gal/ft  
 $V_c$  casing = 1.47 gal/ft  
 $V_c$  casing = 2.61 gal/ft

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
10:57	10:58	1	1	7.7	64	340	
	10:59	2	3	7.5	65	340	
	11:01	1	4	7.5	65	350	

SAMPLES COLLECTED Time 11:00 Total volume purged (gal.) 4  
 Water color Brown - cloudy Odor NONE  
 Description of sediments or material in sample: SOME SED.  
 Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-5	3	1	-	HCl	Y	SPA	G/BTEX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);  
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);  
 5 = Other \_\_\_\_\_; 6 = Other \_\_\_\_\_





# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

Sierra Environmental  
Attn: ED MORALES

Project 1-203-04  
Reported on December 12, 1994

## TOTAL PETROLEUM HYDROCARBONS

LAB #	Sample ID	Sampled	Analyzed	Matrix
80206-01	TB-LB	12/06/94	12/09/94	Water
80206-02	C-4	12/06/94	12/09/94	Water
80206-03	C-1	12/06/94	12/09/94	Water
80206-04	C-2	12/06/94	12/09/94	Water
80206-05	C-3	12/06/94	12/09/94	Water
80206-06	MW-1	12/06/94	12/09/94	Water
80206-07	MW-2	12/06/94	12/09/94	Water
80206-08	MW-5	12/06/94	12/09/94	Water
80206-09	MW-3	12/06/94	12/09/94	Water
80206-10	MW-4	12/06/94	12/09/94	Water

## RESULTS OF ANALYSIS

Laboratory Number:	80206-01	80206-02	80206-03	80206-04	80206-05
Gasoline_Range	ND<50	ND<50	510	1900	34000
Benzene	ND<0.5	ND<0.5	2.0	7.9	88
Toluene	ND<0.5	ND<0.5	2.2	30	140
Ethyl Benzene	ND<0.5	ND<0.5	1.7	14	98
Total Xylenes	ND<0.5	ND<0.5	9.4	31	390
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L
Laboratory Number:	80206-06	80206-07	80206-08	80206-09	80206-10
Gasoline_Range	140	ND<50	110	13000	13000
Benzene	0.9	ND<0.5	9.2	610	68
Toluene	2.8	ND<0.5	9.7	86	56
Ethyl Benzene	1.1	ND<0.5	2.2	88	67
Total Xylenes	4.2	ND<0.5	11	140	110
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

### Certified Laboratories

825 Arnold Dr., Suite 114 Martinez, California 94553 (510) 229-1512 / fax (510) 229-1526	1555 Burke St., Unit 1 San Francisco, California 94124 (415) 647-2081 / fax (415) 821-7123	309 S. Cloverdale St., Suite B-24 Seattle, Washington 98108 (206) 763-2992 / fax (206) 763-8429
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# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

## CERTIFICATE OF ANALYSIS

### TOTAL PETROLEUM HYDROCARBONS

QA/QC Information

Laboratory Number: 80206

NA - Analysis NOT required

ND - Not Detected above quantitation limit

ug/L = parts per billion (ppb)

EPA SW-846 Method 5030/8015M/8020 Total Volatile Petroleum Hydrocarbons/BTEX

Minimum Quantitation Limit for Gasoline in water: 50 ug/L

Minimum Quantitation Limit for BTEX in water: 0.5 ug/L

Matrix: Water

Analyte	Spike Recovery	RPD	Control Limits
Gasoline_Range	85/78	9	65-135
Benzene	83/88	6	65-135
Toluene	89/94	5	65-135
Ethyl Benzene	93/98	5	65-135
Total Xylenes	100/103	3	65-135

*Michael R. Kern*

Senior Chemist  
Account Manager

Page 2 of 2

Certified Laboratories

825 Arnold Dr., Suite 114

Martinez, California 94553

(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I

San Francisco, California 94124

(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24

Seattle, Washington 98108

(206) 763-2992 / fax (206) 763-8429

ENVIRONMENTAL  
PROTECTION



**Chevron**

95 MAY 18 PM 12:25

May 15, 1995

**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

Dr. Ravi Arulanantham  
RWQCB-San Francisco Bay Area  
2101 Webster Street, Suite 500  
Oakland, CA 94612

**Marketing - Northwest Region**  
Phone 510 842 9500

Re: Former Chevron Service Station No. 9-3864  
5101 Telegraph Avenue, Oakland, California

Dear Dr. Arulanantham :

During this sampling and monitoring period, monitoring wells C-4, MW-1, MW-2, and MW-5 were non-detect. Up-gradient well C-2 and MW-4 both detected dissolved hydrocarbons. Down-gradient wells C-3 and MW-3 also detected dissolved hydrocarbons.

At this time, Chevron is still unable to gain access to the property located across 51st Street. In addition, Chevron has contacted Alameda County Environmental Health, but has not heard from them regarding information on previous investigations. If your office can provide any information, please forward the information to this office.

Please refer to Blaine Tech Services May 11, 1995 groundwater monitoring and sampling report. If you have any questions or comments, please call me at (510) 842-8752.

Sincerely,

Chevron U.S.A. Products Co.

Kenneth Kan  
Site Assessment and Remediation Engineer

LKAN/MacFile 9-3864R29

cc : Ms. Susan Hugo  
Alameda County Environmental Health  
1131 Harbor Bay Pkwy, 2nd Flr.  
Alameda, CA 94502-6577

Ms. Betty Owens  
Chevron U.S.A. Products Co.