



February 8, 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. Jennifer Eberle  
Alameda County Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Re: Former Gulf Service Station #0006  
460 Grand Avenue, Oakland, CA**

Dear Ms. Eberle:

Enclosed is the quarterly Ground Water Sampling report dated January 26, 1995, prepared by our consultant Sierra Environmental Services for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline and BTEX. Benzene was detected in all ground water monitor wells at concentrations between 2.6 and 2.9 ppb. Depth to ground water was measured at approximately 4.6 to 5.3 feet below grade and the direction of flow is to the south.

As we discussed, Chevron's consultant is currently preparing a work plan for further assessment work. We anticipate forwarding this work plan to your office shortly. Chevron will continue to monitor and sample this site quarterly.

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

Sincerely,  
CHEVRON U.S.A. PRODUCTS COMPANY

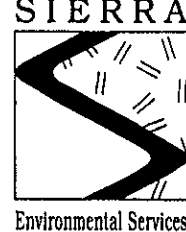
Mark A. Miller  
Site Assessment and Remediation Engineer

Enclosure

cc: Mr. Jon Robbins - CHVPK/V1156  
Ms. B.C. Owen

Mr. John C. Gibson  
Adams & Gibson  
160 Sansome Street, Suite 1200  
San Francisco, CA 94104-3718

RECEIVED  
MAY 11 1995  
10:11 AM



January 26, 1995

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

Re: Former Gulf Service Station #0006  
460 Grand Avenue  
Oakland, California  
SES Project #1-382-04

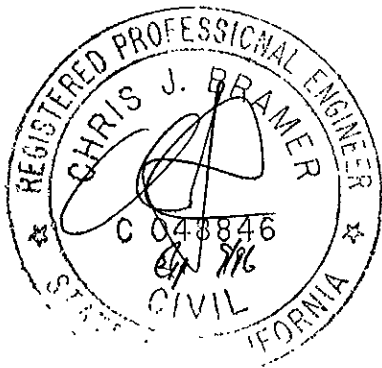
Dear Mr. Miller:

This report presents the results of the quarterly ground water sampling for the fourth quarter of 1994 at former Gulf Service Station #0006, located at 460 Grand Avenue in Oakland, California. Three wells, C-1, C-2 and C-3 were sampled (Figure 1).

On December 12, 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 ground water samples were collected on December 12, 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 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.



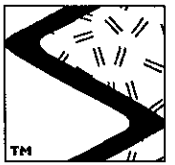
Sincerely,  
Sierra Environmental Services

Richard E. (Rick) Hilton  
Staff Environmental Scientist

Chris J. Bramer  
Professional Engineer #C48846

REH/CJB/lmo  
38204GM.JA5

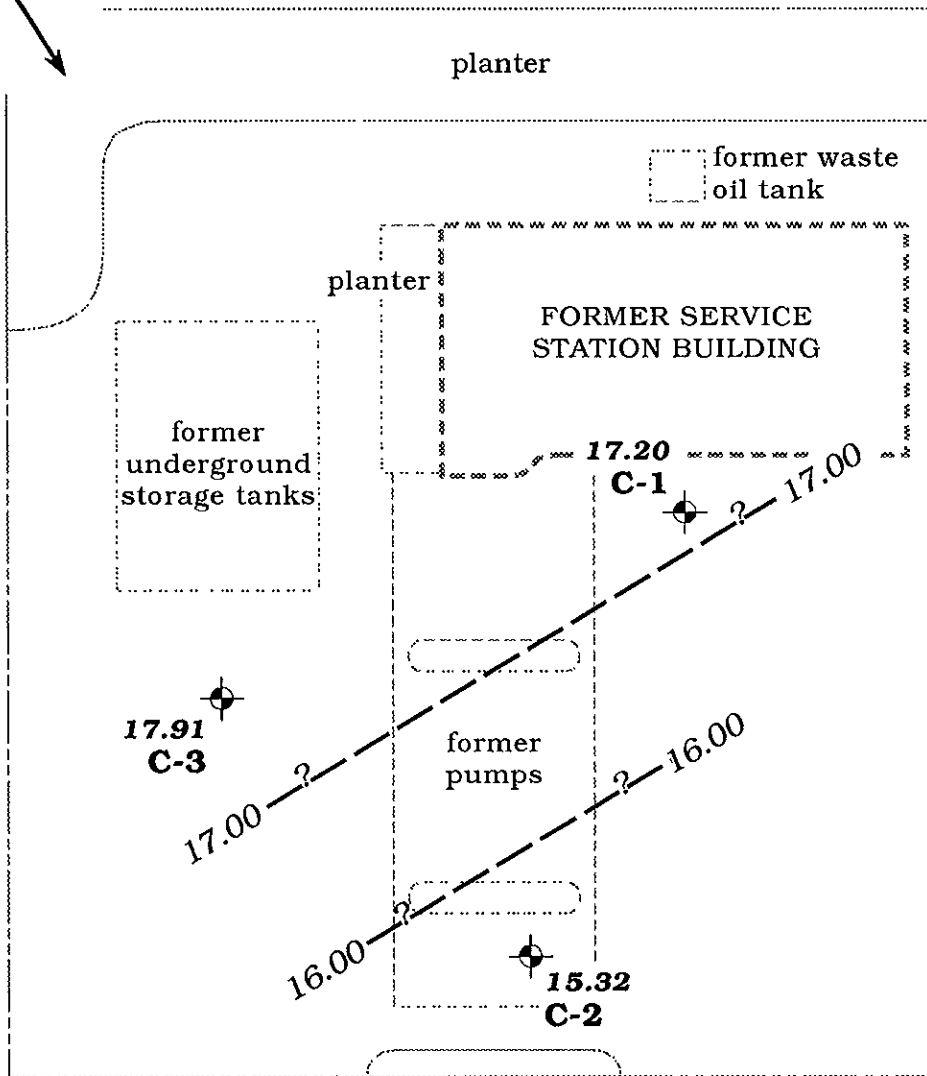
- Attachments
- Figure
- Table
- SES Standard Operating Procedure
- Field Water Sampling Forms
- Chain of Custody Document and Laboratory Analytic Reports



SIERRA

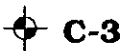
Approximate ground water flow direction at a gradient of 0.06 ft/ft

BELLEVUE AVENUE



GRAND AVENUE

**EXPLANATION**

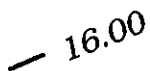


**C-3**

Monitoring well

**17.91**

Ground water elevation, in feet



**16.00**

Ground water elevation contour, dashed where inferred, queried where uncertain



0 10 20 ft.

Base map after Pacific Environmental Group, Inc.

Figure 1. Monitoring Well Locations and Ground Water Elevation Contour Map - December 12, 1994 - Former Gulf Service Station #0006, 460 Grand Avenue, Oakland, California



Table 1. Water Level Data and Ground Water Analytic Results - Former Gulf Service Station #0006, 460 Grand Avenue, Oakland, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) B T E X				
						←-----ppb-----→				
C-1/ 22.48 <sup>1</sup>	12/16/92	5.68	16.80	0	8015/8020 <sup>2,3,4,5</sup>	<50	<0.5	<0.3	<0.3	<0.4
	6/22/94	5.55	16.93	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/26/94	6.07	16.41	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	<b>12/12/94</b> ✓	<b>5.28</b>	<b>17.20</b>	<b>0</b>	<b>8015/8020</b>	<b>&lt;50</b> ✓	<b>2.9</b> ✓	<b>3.8</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
C-2/ 20.49 <sup>1</sup>	12/16/92	7.49	13.00	0	8015/8020 <sup>2,3,6,7</sup>	640	63	83	37	90
	6/22/94	5.48	15.01	0	8015/8020	200	2.8	4.5	1.5	15
	9/26/94	6.02	14.47	0	8015/8020	<50	1.1	1.1	<0.5	0.5
	<b>12/12/94</b>	<b>5.17</b>	<b>15.32</b>	<b>0</b>	<b>8015/8020</b>	<b>77</b> ✓	<b>2.8</b> ✓	<b>4.6</b>	<b>3.4</b>	<b>15</b>
C-3/ 22.51 <sup>1</sup>	12/16/92	5.17	17.34	0	8015/8020 <sup>2,3,5,8</sup>	<50	<0.4	<0.3	<0.3	<0.4
	6/22/94	5.10	17.41	0	8015/8020	140	5.6	3	4.2	4.4
	9/26/94	5.66	16.85	0	8015/8020	51	4.2	4.2	0.7	1.5
	<b>12/12/94</b>	<b>4.60</b>	<b>17.91</b>	<b>0</b>	<b>8015/8020</b>	<b>&lt;50</b> ✓	<b>2.6</b> ✓	<b>3.6</b>	<b>1.1</b>	<b>4.2</b>
Trip Blank TB-LB	6/22/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/26/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	<b>12/12/94</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>8015/8020</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>



Table 1. Water Level Data and Ground Water Analytic Results - Former Gulf Service Station #0006, 460 Grand Avenue, Oakland, California (continued)

EXPLANATION:

DTW = Depth to water  
TOC = Top of casing elevation  
GWE = Ground water elevation  
TPPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline  
B = Benzene  
T = Toluene  
E = Ethylbenzene  
X = Xylenes  
ppb = Parts per billion  
--- = Not analyzed/not applicable

ANALYTIC METHODS:

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

NOTES:

Water level data and analytic results prior to June 22, 1994 were compiled from the subsurface investigation report prepared for Chevron by Pacific Environmental Group, January 15, 1993.

NOTES: (continued)

Analytic Methods prior to 1994 are assumed to be 8015/8020.

\* Product thickness was measured with an MMC flexi-dip interface probe on and after June 22, 1994.

- <sup>1</sup> TOC elevation is actually top of box elevation.
- <sup>2</sup> TPH(D) was also analyzed but not detected at detection limits of 50 ppb.
- <sup>3</sup> Motor oil was also analyzed but not detected at detection limits of 200 ppb.
- <sup>4</sup> Cadmium, chromium, lead, nickel and zinc were also analyzed but not detected at detection limits of 0.005, 0.01, 0.05, 0.02, and 0.01 ppm, respectively.
- <sup>5</sup> Analysis by EPA method 8010 for Halogenated Volatile Organic Compounds (HVOCs) was also performed. HVOCs were not detected at detection limits of 0.2 to 4.0 ppb.
- <sup>6</sup> Cadmium, chromium, lead, nickel and zinc were also analyzed. Chromium, Nickel and zinc were detected at 0.05, 0.08 and 0.08 ppm, respectively. Other metals not detected.
- <sup>7</sup> Analysis by EPA method 8010 for HVOCs was also performed. 1,2-Dichloroethane was detected at 3.5 ppb. Other HVOCs were not detected at detection limits of 0.2 to 4.0 ppb.
- <sup>8</sup> Cadmium, chromium, lead, nickel and zinc were also analyzed. Chromium, lead, nickel and zinc were detected at 0.19, 0.07, 0.36 and 0.38 ppm, respectively. Cadmium was not detected at detection limits of 0.005 ppm.



## 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 460 Grand Ave OAK

Job Number 1-382-04

Sampler Th

Well Number TB/LB

Date 12/12/94

Well Diameter \_\_\_\_\_

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 \_\_\_\_\_ Sampled With \_\_\_\_\_

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>  
 $V_{2.5}$  casing = 0.163 gal/ft  
 $V_{3.0}$  casing = 0.367 gal/ft  
 $V_{3.5}$  casing = 0.653 gal/ft  
 $V_{4.5}$  casing = 0.828 gal/ft  
 $V_{5.5}$  casing = 1.47 gal/ft  
 $V_{6.0}$  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	SAPS/PA	G-13TCH

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 460 Grand Ave, OAK Job Number 1-382-04  
 Well Number C-1 Date 12/12/94  
 Sample Point Location/Description NE side  
 Depth to Water (static) 5.28 Well Depth (sounded) \_\_\_\_\_  
 Initial height of water in casing 14.72 Volume 2.40 gallons  
 Volume to be purged \_\_\_\_\_ 7.2 gallons  
 Purged With Pump Sampled With Disp. Bailer  
 Pumped or Bailed Dry? Yes  No Time \_\_\_\_\_ After \_\_\_\_\_ gallons  
 Water level at sampling \_\_\_\_\_ Percent Recovery \_\_\_\_\_

Sampler T.L  
 Well Diameter 2'  
 Well Depth (spec.) 20

**Formulas/Conversions**  
 $r$  = well radius in ft  
 $h$  = ht of water col. in ft  
 vol. in cyl. =  $\pi r^2 h$   
 $7.48 \text{ gal/ft}^3$   
 $V_{2.5}^* \text{ casing} = 0.163 \text{ gal/ft}$   
 $V_{3.0}^* \text{ casing} = 0.367 \text{ gal/ft}$   
 $V_{3.5}^* \text{ casing} = 0.653 \text{ gal/ft}$   
 $V_{4.0}^* \text{ casing} = 0.826 \text{ gal/ft}$   
 $V_{4.5}^* \text{ casing} = 1.47 \text{ gal/ft}$   
 $V_{5.0}^* \text{ casing} = 2.61 \text{ gal/ft}$

### CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
1234	1236	3	3	9.7	61.1	580	
	1239	2.5	5.5	9.9	63.5		
	1242	2.5	8	9.7	63.3	7	

SAMPLES COLLECTED Time \_\_\_\_\_ Total volume purged (gal.) 8  
 Water color Clear Odor \_\_\_\_\_  
 Description of sediments or material in sample: light, TAN  
 Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
<u>C-1</u>	<u>2</u>	<u>1</u>	<u>-</u>	<u>HCl</u>	<u>Y</u>	<u>SAPS/PA</u>	<u>G/137CA</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 \_\_\_\_\_





### WATER SAMPLING DATA

Job Name 460 Grand Ave, OAK Job Number 1-382-04  
 Well Number C-2 Date 12/12/94  
 Sample Point Location/Description SW side on Grand Ave.  
 Depth to Water (static) 5.17 Well Depth (sounded) \_\_\_\_\_  
 Initial height of water in casing 11.83 Volume 1.93 gallons  
 Volume to be purged \_\_\_\_\_ gallons  
 Purged With Pump Sampled With Disp Bottle  
 Pumped or Bailed Dry?  Yes  No Time 1356 After 4 gallons  
 Water level at sampling \_\_\_\_\_ Percent Recovery \_\_\_\_\_

Sampler T.L.  
 Well Diameter 2"  
 Well Depth (spec.) 17

**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>  
 $V_{1.5''}$  casing = 0.163 gal/ft  
 $V_{2''}$  casing = 0.367 gal/ft  
 $V_{2.5''}$  casing = 0.653 gal/ft  
 $V_{3''}$  casing = 0.826 gal/ft  
 $V_{3.5''}$  casing = 1.47 gal/ft  
 $V_{4''}$  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
1349	1352	2	2	7.8	62	570	
		2	4	"	62	545	
		2	6				

SAMPLES COLLECTED Time \_\_\_\_\_ Total volume purged (gal.) 6  
 Water color clear Odor \_\_\_\_\_  
 Description of sediments or material in sample: moderate, Tan  
 Additional Comments: \_\_\_\_\_

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-2	2	1	-	HCl	Y	SAPS/PA	G/13TCA

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 460 Grand Ave OAK

Job Number 1-382-04

Sampler PL

Well Number C-3

Date 12/12/94

Well Diameter 2'

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

Well Depth (spec.) 15

Depth to Water (static) 4.60

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

Initial height of water in casing 10.4

Volume 1.69 gallons

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

5.08 gallons

Purged With pump

Sampled With Drop Boiler

Pumped or Bailed Dry?  Yes  No

Time 1318 After 5 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>  
 $V_{2.5}^*$  casing = 0.163 gal/ft  
 $V_{3.0}^*$  casing = 0.367 gal/ft  
 $V_{3.5}^*$  casing = 0.653 gal/ft  
 $V_{4.0}^*$  casing = 0.826 gal/ft  
 $V_{4.5}^*$  casing = 1.47 gal/ft  
 $V_{5.0}^*$  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
1314	1316	2	2	9.8	61.3	940	
	1317	2	4	9.7	62.2	850	
		2	6				

SAMPLES COLLECTED Time 1330

Total volume purged (gal.) 5

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

Odor \_\_\_\_\_

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

Additional Comments: 1.0 ml sample = 5 ml

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-3	2	1	-	HCl	Y	SARSPA	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 1-382-04  
Reported on December 22, 1994

## TOTAL PETROLEUM HYDROCARBONS

LAB #	Sample ID	Sampled	Analyzed	Matrix
80245-01	TB-LB	12/12/94	12/19/94	Water
80245-02	C-1	12/12/94	12/19/94	Water
80245-03	C-3	12/12/94	12/19/94	Water
80245-04	C-2	12/12/94	12/19/94	Water

## RESULTS OF ANALYSIS

Laboratory Number:	80245-01	80245-02 ✓	80245-03 ✓	80245-04 ✓
--------------------	----------	------------	------------	------------

Gasoline_Range	ND<50	ND<50 ✓	ND<50 ✓	77 ✓
Benzene	ND<0.5	2.9 ✓	2.6 ✓	2.8 ✓
Toluene	ND<0.5	3.8	3.6	4.6
Ethyl Benzene	ND<0.5	ND<0.5	1.1	3.4
Total Xylenes	ND<0.5	ND<0.5	4.2	15
Concentration:	ug/L	ug/L	ug/L	ug/L



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

## CERTIFICATE OF ANALYSIS


### TOTAL PETROLEUM HYDROCARBONS

QA/QC Information  
Laboratory Number: 80245

NA - Analysis NOT required  
ND - Not Detected above quantitation limit

Matrix: Water

Analyte	Spike Recovery	RPD	Control Limits
Gasoline_Range	94/96	2	65-135
Benzene	74/77	4	65-135
Toluene	103/107	4	65-135
Ethyl Benzene	99/103	4	65-135
Total Xylenes	102/107	5	65-135

  
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 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

**Chevron**Date: 1/9/95To: JENNIFER EBELLE  
ACHCS  
337-9335Chevron U.S.A. Products Company  
6001 Bollinger Canyon Road  
Building L  
San Ramon, CA 94583  
P.O. Box 5004  
San Ramon, CA 94583-0804Marketing - Northwest Region  
Voice 510 842-8134  
Fax 510 842-8252From: Mark Miller  
Site Assessment and Remediation EngineerRe: GULF6: 460 GRAHO, OAKLAND

Message: HERE'S FIGURE 3 WITH PROPOSED BORINGS  
AND WELLS. NOTE: ON PACIFIC'S MAPS, C-2  
IS SHOWN FURTHER TO THE LEFT. I WOULD  
TEND TO BELIEVE PACIFIC'S MAP SINCE THEY  
INSTALLED THE WELL WHILE THE STATION  
WAS STILL STANDING. TOUCHSTONE LOCATED  
C-2 AFTER THE STATION WAS DEMOLISHED  
AND APPEARS TO HAVE ESTIMATED WHERE C-2  
WAS LOCATED IN RELATION TO THE FORMER  
FACILITIES. WITH THIS BEING THE CASE, IT  
MAY BE BETTER TO SWITCH BORING 2 WITH  
WELL 1.

4 Pages including cover sheet



# BELLEVUE AVENUE

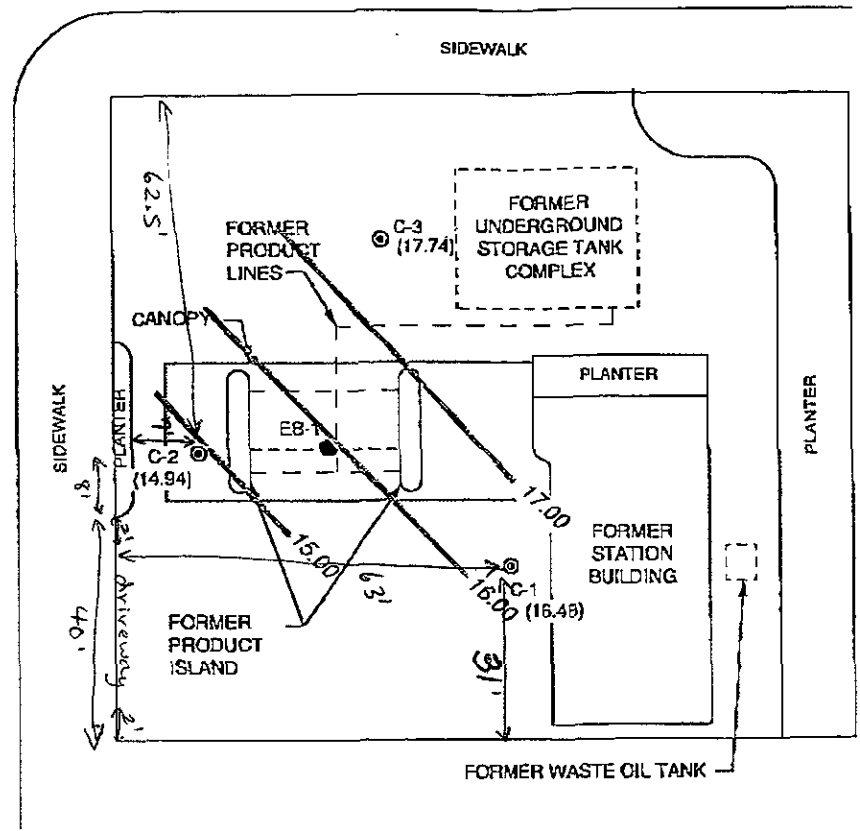
## LEGEND

- ⊙ C-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- EB-1 EXPLORATORY SOIL BORING LOCATION AND DESIGNATION
- (17.74) GROUNDWATER ELEVATION IN FEET - MSL, 4-23-93
- 16.00 GROUNDWATER ELEVATION CONTOUR IN FEET - MSL, 4-23-93



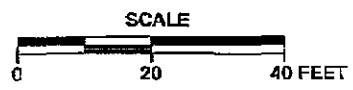
APPROXIMATE DIRECTION OF GROUNDWATER FLOW  
 APPROXIMATE GRADIENT = 0.07

*Handwritten calculations:*  
 25  
 12.5  
 ---  
 12.5  
 50  
 12.5  
 ---  
 62.5



MAP TAKEN FROM THEADWELL & ASSOCIATES, INC.

PACIFIC ENVIRONMENTAL GROUP, INC.



FORMER GULF SERVICE STATION 0006  
 460 Grand Avenue at Bellevue Avenue  
 Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP

FIGURE: 1  
 PROJECT: 325-31.01



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



**Chevron**

Address Correction Requested

Mr. Don Hwang  
Hazardous Materials Specialist  
Alameda County health Care Services  
Department of Environmental Health  
1131 harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Waiting for well  
destruction docs.

Don