



**Chevron U.S.A. Inc.**

2410 Camino Ramon, San Ramon, California • Phone (415) 842-9500  
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

Marketing Department

91 JUL 25 PM 12:47

July 22, 1991

Ms. Cynthia Chapman  
Alameda County Environmental Health Department  
80 Swan Way, Room 200  
Oakland, CA 94621

RE: Chevron Service Station #9-0076  
4625 Foothill Blvd.  
Oakland, CA

Dear Ms. Chapman:

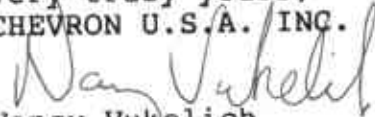
Enclosed we are forwarding the Groundwater Monitoring Report dated July 18, 1991, prepared by our consultant Weiss Associates for the above referenced site. As indicated in the report, groundwater samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and BTEX. Benzene was detected at concentrations ranging from ND to 14,000 ppb. Depth to groundwater was measured at approximately 22 to 28-feet on-site and 43-feet off-site, and the direction of flow is to the southeast.

We are currently securing all necessary permits for the installation of the groundwater remediation system as per your approval letter dated July 15, 1991.

Chevron will continue to monitor this site and report findings on a quarterly basis.

If you have any questions or comments, please do not hesitate to contact me at (415) 842-9581.

Very truly yours,  
CHEVRON U.S.A. INC.

  
Nancy Vukelich  
Environmental Engineer

Enclosures

cc: Mr. Lester Feldman, RWQCB-Bay Area  
Mr. S.A. Willer  
File (#9-0076Q1 Listing)



Geologic and Environmental Services

Fax: 415-547-5043

Phone: 415-547-5420

5500 Shellmound Street, Emeryville, CA 94608

July 18, 1991

Nancy Vukelich  
Chevron U.S.A., Inc.  
P.O. Box 5004  
San Ramon, CA 94583-0804

Re: Second Quarter 1991  
Ground Water Monitoring Report  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California  
WA Job #4-417-01

Dear Ms. Vukelich:

As you requested, Weiss Associates (WA) is providing this Ground Water Monitoring Report for the site referenced above (Figure 1). WA sampled the ground water monitoring wells (Figure 2) on June 18, 1991, in accordance with the requirements and procedures of the California Regional Water Quality Control Board - San Francisco Bay Region and local regulatory agencies.

#### SAMPLING PROCEDURES

Prior to purging and sampling the wells, WA measured the depth to ground water in each well to the nearest 0.01 ft using an electric sounder (Table 1). We also checked the wells for floating hydrocarbons or sheen. About 0.06 ft of floating hydrocarbons were measured in monitoring well C-2. (0.72 inches)

WA collected ground water samples for analysis after purging at least 3 well-casing volumes of ground water from each well. Each sample was decanted from either a steam-cleaned or dedicated bailer into the appropriate clean sample containers and delivered to a California-certified laboratory following proper sample preservation and chain-of-custody procedures. Purged ground water was stored onsite in DOT-approved 55-gallon drums until properly disposed of offsite.

### MONITORING AND ANALYTIC RESULTS

The top-of-casing elevation, depth to ground water and the ground water elevation for each well is presented in Table 1. It appears ground water is in two or three separate zones near the site. Therefore, no ground water elevation contour map was prepared. However, based on the topography, ground water flows to the west-southwest.

*Is this new? How do they know? How about a better explanation*

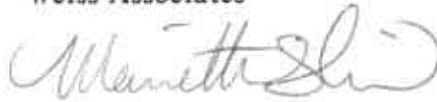
Current and historical ground water analytic results are summarized in Table 2. The water sample collection records, and the analytic report and chain-of-custody forms are included as Attachments A and B, respectively.

### PROPOSED WORK SCHEDULE


The Third Quarter 1991 ground water sampling is scheduled for September 18, 1991. We will submit a report presenting the field and analytic data by November 1991.

We appreciate this opportunity to provide hydrogeologic consulting services to Chevron USA and trust that this submittal meets your needs. Please call if you have any questions regarding this report.

Sincerely,  
Weiss Associates



Mariette Shin  
Staff Geologist



James W. Carmody, C.E.G.  
Senior Project Hydrogeologist

MMS/JWC:fcf

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- Attachments    A    -    Water Sample Collection Records  
                      B    -    Analytic Report and Chain-of-Custody Forms

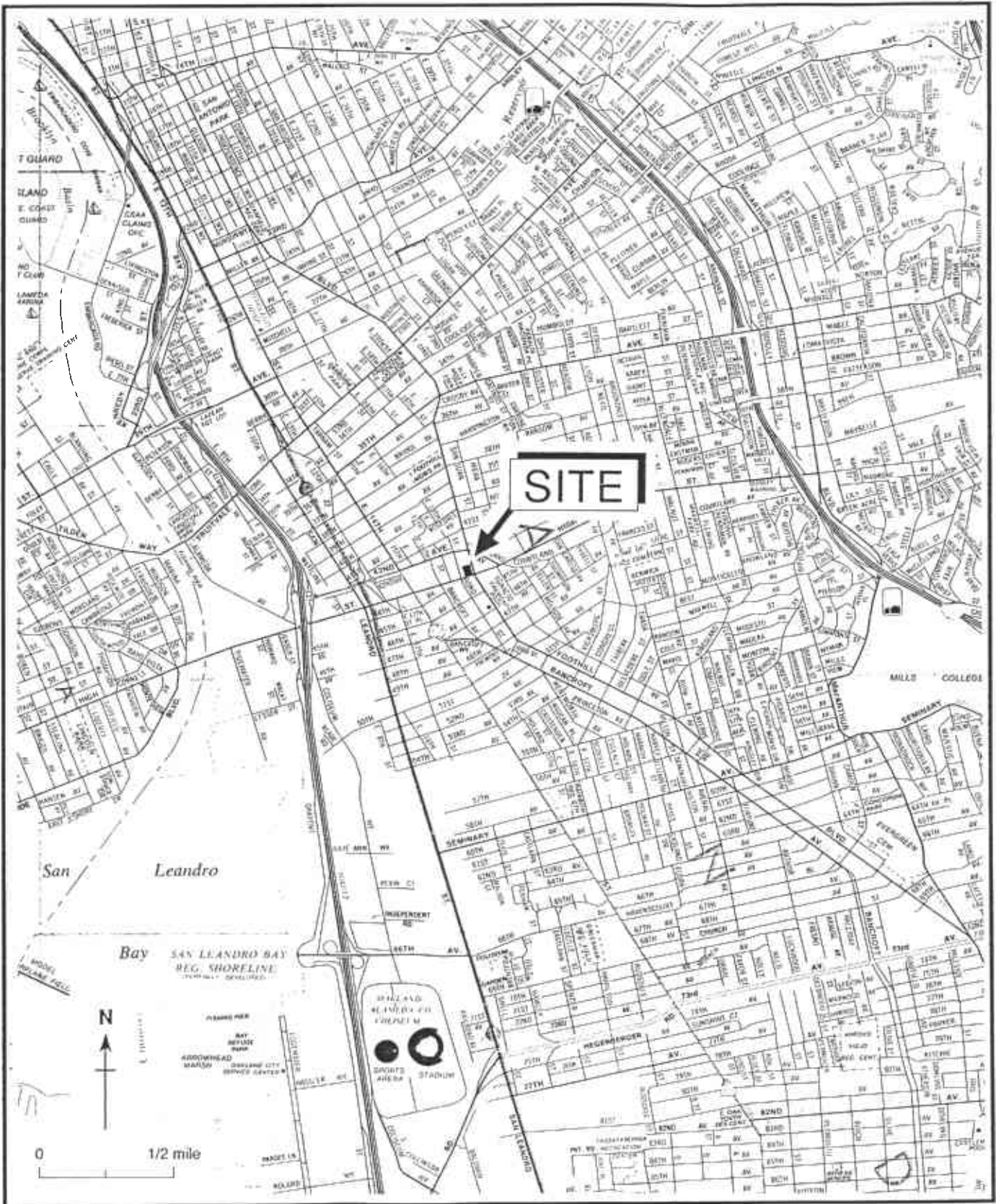


Figure 1. Site Location Map - Chevron Service Station #9-0076, 4265 Foothill Boulevard, Oakland, California

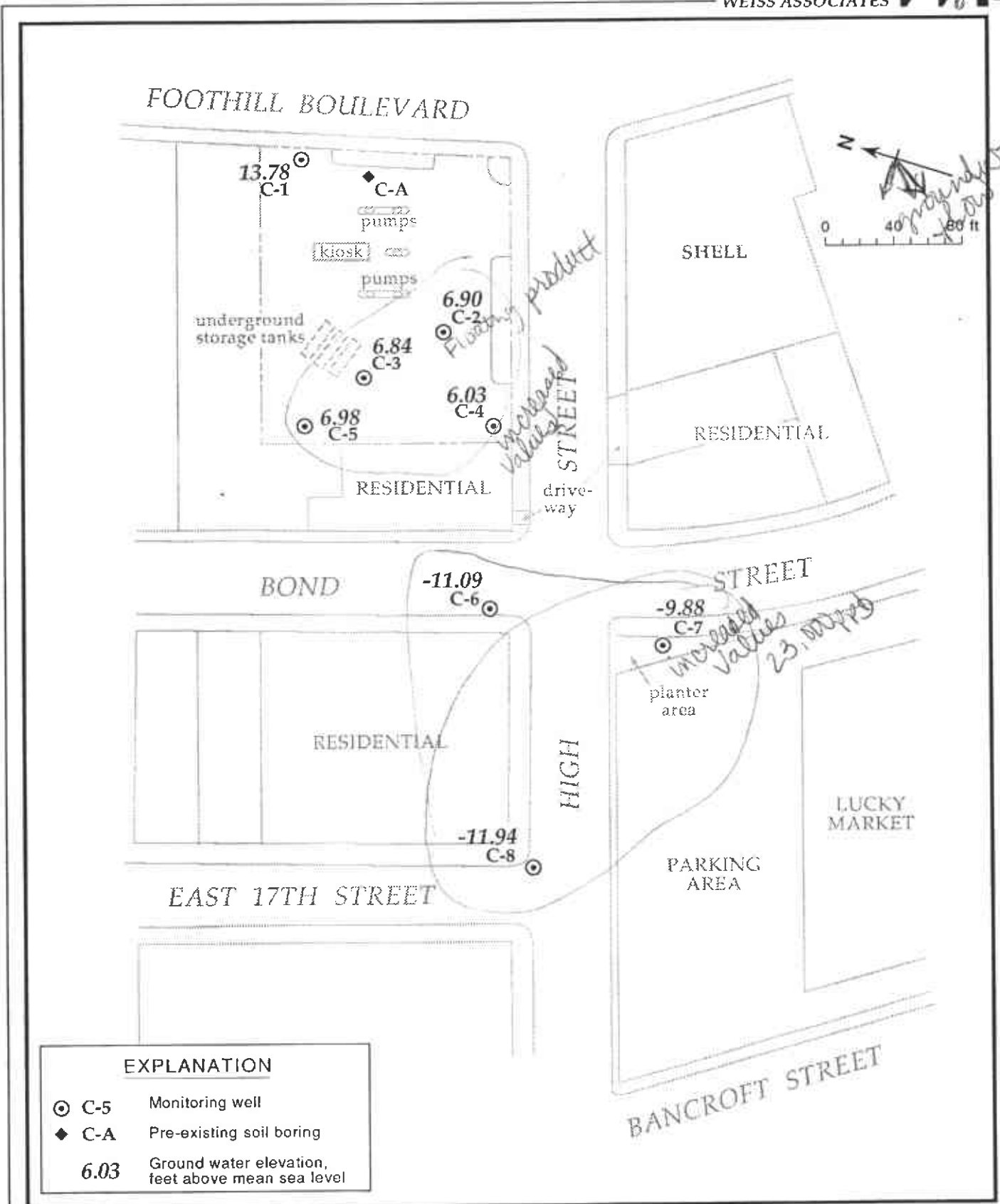


Figure 2. Monitoring Well Locations and Ground Water Elevations - June 18, 1991 - Chevron Service Station #9-0076, 4265 Foothill Boulevard, Oakland, California

TABLE 2. Analytic Results for Ground Water, Chevron Service Station #9-0076, 4265 Foothill Blvd, Oakland, California

Well ID	Analytic Date	Analytical Lab	Depth to Water (ft)	TPH-G B E T X				
				-----parts per billion-----				
C-1	04/28/89	SAL	20.05	940	30	11	1.3	13
	08/08/89	SAL	24.07	820	45	13	2	13
	08/27/90	GTEL	22.12	440	15	6	1	13
	06/18/91	SAL	21.64	74	5.6	1.9	0.6	1.3
C-2	04/28/89*	SAL	26.44	120,000	30,000	3,000	22,000	17,000
	08/08/89*	---	29.90	---	---	---	---	---
	08/27/90*	---	29.55	---	---	---	---	---
	06/18/91*	---	28.33	---	---	---	---	---
C-3	04/28/89	SAL	28.00	<500	1.7	<0.5	<0.5	<0.5
	08/08/89	SAL	30.00	<500	1	<0.5	<0.5	<0.5
	08/27/90	GTEL	29.68	<50	<0.3	<0.3	<0.3	<0.6
	06/18/91	SAL	28.46	52	1.1	<0.5	<0.5	1.2
C-4	04/28/89	SAL	29.49	20,000	6,300	230	550	1,500
	08/08/89	SAL	29.55	8,000	7,500	88	340	1,000
	08/27/90	GTEL	29.02	26,000	10,000	410	280	1,400
	06/18/91	SAL	27.45	34,000	14,000	450	410	1,300
C-5	08/27/90	GTEL	29.83	<50	<0.3	<0.3	<0.3	<0.6
	06/18/91	SAL	28.52	<50	<0.5	<0.5	<0.5	<0.5
C-6	08/27/90	GTEL	44.11	7,200	2,100	41	6	300
	06/18/91	SAL	43.49	4,400	2,500	160	18	77
C-7	08/27/90	GTEL	44.23	110	26	4	0.8	6
	06/18/91	SAL	42.05	23,000	5,700	1,000	420	2,800
C-8	11/14/90	GTEL	43.29	<50	<0.3	<0.3	<0.3	<0.6
	06/18/91	SAL	42.62	<50	<0.5	<0.5	<0.5	<0.5
Bailer Blank	08/08/89	SAL		<500	<0.5	<0.5	<0.5	<0.5
	08/27/90	GTEL		<50	<0.3	<0.3	<0.3	<0.6
	06/18/91	SAL		<50	<0.5	<0.5	<0.5	0.5
Travel Blank	04/28/89	SAL		<500	<0.5	<0.5	<0.5	<0.5
	08/08/89	SAL		<500	<0.5	<0.5	<0.5	<0.5
	08/27/90	GTEL		<50	<0.3	<0.3	<0.3	<0.6
	11/14/90	GTEL		<50	<0.3	<0.3	<0.3	<0.6
	06/18/91	SAL		<50	<0.5	<0.5	<0.5	<0.5
DHS MCLs	---	---		NE	1	680	100 <sup>a</sup>	1,750

*Floating hydrocarbons*

-- Table 3 continues on next page --



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TABLE 2. Analytic Results for Ground Water, Chevron Service Station #9-0076, 4265 Foothill Blvd, Oakland, California (continued)

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Abbreviations:

TPH-G = Total Petroleum Hydrocarbons as Gasoline, by Modified  
EPA Method 8015

B = Benzene by EPA Method 8020

E = Ethylbenzene by EPA Method 8020

T = Toluene by EPA Method 8020

X = Xylenes by EPA Method 8020

DHS MCLs = Department of Health Services maximum  
contaminant levels for drinking water

NE = Not established

\* = Floating hydrocarbons in well

a = DHS recommended action level for drinking water

Analytical Laboratory:

SAL = Superior Analytical Laboratory, Inc., San Francisco, California

GTEL = GTEL Environmental Laboratories, Inc., Concord, California

TABLE 1. Ground Water Elevation Data - Chevron Service Station #9-0076, 4265 Foothill Boulevard, Oakland, California

Well ID	Date	Top-of-casing Elevation (ft above msl)	Depth to Water (ft)	Floating Hydrocarbon Thickness	Ground Water Elevation (ft above msl)	
C-1	04/28/89 <sup>a</sup>	35.42 <sup>b</sup>	20.05		15.37	
	08/08/89 <sup>a</sup>		24.07		11.35	
	12/21/89		22.81		12.61	
	08/27/90		22.12		13.30	
	11/04/90		25.56		9.86	
	06/18/91		21.64		13.78	
C-2	04/28/89 <sup>a</sup>	35.18 <sup>b</sup>	26.44		8.74	
	08/08/89 <sup>a</sup>		29.90	0.01	5.29 <sup>c</sup>	
	12/21/89		29.32		5.86	
	08/27/90		29.55	0.17	5.77 <sup>c</sup>	
	11/04/90		30.47		4.71	
	06/18/91		28.33	0.06	6.90	
C-3	04/28/89 <sup>a</sup>	35.28 <sup>b</sup>	28.00		7.28	
	08/08/89 <sup>a</sup>		30.00		5.28	
	12/21/89		30.53		4.75	
	08/27/90		29.68		5.60	
	11/04/90		35.30 <sup>d</sup>	30.36		4.94
	06/18/91			28.46		6.84
C-4	01/12/89 <sup>a</sup>	33.45 <sup>b</sup>	29.49		3.96	
	04/12/89 <sup>a</sup>		27.44		6.01	
	08/08/89 <sup>a</sup>		29.55		3.90	
	12/21/89		30.02		3.43	
	08/27/90		33.48 <sup>d</sup>	29.02		4.46
	11/04/90			29.81		3.67
06/18/91		27.45		6.03		
C-5	08/27/90	35.50	29.83		5.67	
	11/14/90		30.56		4.94	
	06/18/91		28.52		6.98	
C-6	08/27/90	32.40	44.11		-11.71	
	11/14/90		44.03		-11.63	
	06/18/91		43.49		-11.09	
C-7	08/27/90	32.17	44.23		-12.06	
	11/14/90		44.11		-11.94	
	06/18/91		42.05		-9.88	
C-8	11/14/90	30.68	43.29		-12.61	
	06/18/91		42.62		-11.94	

-- Table 4 continues on next page --



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TABLE 1. Ground Water Elevation Data - Chevron Service Station #9-0076, 4265 Foothill Boulevard, Oakland, California

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- <sup>a</sup> = Ground water elevation measured against project datum, not actual top-of-casing elevation.  
<sup>b</sup> = Top-of-casing elevation surveyed 1/03/90.  
<sup>c</sup> = Ground water elevation adjusted for floating hydrocarbons in the well by the relation:  
Ground water elevation = Top-of-casing elevation - Depth to water + .8 (product thickness).  
<sup>d</sup> = Top-of-casing elevation resurveyed 08/21/90.
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**ATTACHMENT A**  
**WATER SAMPLE COLLECTION RECORDS**



**WATER SAMPLING DATA**

Well Name C-1 Date 6/18/91 Time of Sampling 1336  
 Job Name Cher Oak II Job Number 4-417-01 Initials OC  
 Sample Point Description M (M = Monitoring Well)

Location NE CORNER OF LOT

WELL DATA: Depth to Water 21.64 ft (Static pumping) @ 11:11 Depth to Product — ft.  
 Product Thickness — Well Depth 39.8 ft (spec) Well Depth 39.80 ft (sounded) Well Diameter 3 in  
 Initial Height of Water in Casing 18.25 ft = volume 6.7 gal.  
3 Casing Volumes to be Evacuated. Total to be evacuated 20.1 gal.

EVACUATION METHOD: Pump # and type — Hose # and type —  
 Bailer# and type PVC Dedicated NO (Y/N)  
 Other TIMCO WA # NONE 2 3/8" X 48"

Evacuation Time: Stop 1143  
 Start 1128  
 Total Evacuation Time 15 MIN.  
 Total Evacuated Prior to Sampling 13 gal.  
 Evacuation Rate 0.9 gal. per minute

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<sub>2</sub>" casing = 0.163 gal/ft
- V<sub>3</sub>" casing = 0.367 gal/ft
- V<sub>4</sub>" casing = 0.653 gal/ft
- V<sub>4.5</sub>" casing = 0.826 gal/ft
- V<sub>6</sub>" casing = 1.47 gal/ft
- V<sub>8</sub> casing = 2.61 gal/ft

Depth to Water during Evacuation — ft. — time  
 Depth to Water at Sampling 28.66 ft. 1334 time  
 Evacuated Dry? YES After 13 gal. Time 1143  
 80% Recovery = 1 25.29 DTW  
 % Recovery at Sample Time 62% Time 1334

**CHEMICAL DATA: Meter Brand/Number** —

Calibration: 4.0 7.0 10.0

Measured:	SC/ $\mu$ mhos	pH	T°C	Time	Volume Evacuated (gal.)

SAMPLE: Color NONE Odor LIGHT  
 Description of matter in sample: VERY SMALL AMT. FOREIGN PARTICLES OR MATTER  
 Sampling Method: DECANT FROM TEF. BLR. # H  
 Sample Port: Rate — gpm Totalizer — gal.  
 Time —

# of Cont.	Sample ID	Cont. Type <sup>1</sup>	Vol <sup>2</sup>	Fil <sup>3</sup>	Ref <sup>4</sup>	Preservative (specify)	Analytic Method	Turn <sup>5</sup>	LAB
<u>2</u>	<u>061-1</u>	<u>w/cv</u>	<u>40ML</u>	<u>N</u>	<u>Y</u>	<u>HCL</u>	<u>8015/8020</u>	<u>N</u>	<u>SAL</u>

1 Sample Type Codes: W = Water, S = Soil, Describe Other  
 Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other  
 Cap Codes: PT = Plastic, Teflon lined;  
 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)  
 5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



WATER SAMPLING DATA

Well Name C-2 Date 6/18/91 Time of Sampling N/A - NO SAMPLE
Job Name CHEV. OAK II Job Number 4-417-01 Initials OC
Sample Point Description M (M = Monitoring Well)
Location SO. SIDE OF LOT

WELL DATA: Depth to Water 28.33 ft (static, pumping) 1-P # 3 Depth to Product 28.26 ft.
Product Thickness 0.07' Well Depth 32.34 ft (spec) Well Depth ft(sounded) Well Diameter 3 in
Initial Height of Water in Casing N/A ft. = volume gal.
3 Casing Volumes to be Evacuated. Total to be evacuated gal.

EVACUATION METHOD: Pump # and type - Hose # and type -
Bailer# and type - Dedicated NO (Y/N)
Other PROD. THK. BL. WJA # 01 @ 0.07' THKNESS.

Evacuation Time: Stop 1100
Start 1050
Total Evacuation Time N/A
Total Evacuated Prior to Sampling gal.
Evacuation Rate gal. per minute
Depth to Water during Evacuation ft. time
Depth to Water at Sampling ft. time
Evacuated Dry? After gal. Time
80% Recovery =
% Recovery at Sample Time Time

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^3
V2" casing = 0.163 gal/ft
V3" casing = 0.367 gal/ft
V4" casing = 0.653 gal/ft
V4.5" casing = 0.826 gal/ft
V6" casing = 1.47 gal/ft
V8 casing = 2.61 gal/ft

CHEMICAL DATA: Meter Brand/Number

Calibration: 4.0 7.0 10.0

Table with 6 columns: Measured, SC/umhos, pH, T°C, Time, Volume Evacuated (gal.)

SAMPLE: Color Odor
Description of matter in sample: N/A
Sampling Method:
Sample Port: Rate gpm Totalizer gal.
Time

Table with 10 columns: # of Cont., Sample ID, Cont. Type, Vol, Fil, Ref, Preservative, Analytic Method, Turn, LAB

1 Sample Type Codes: W = Water, S = Soil, Describe Other
Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other
Cap Codes: PT = Plastic, Teflon lined;
2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)
5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



WATER SAMPLING DATA

Well Name C-3 Date 6/18/91 Time of Sampling 12:28
Job Name CHEV. OAK # Job Number 4-417-11 Initials BCB
Sample Point Description M (M = Monitoring Well)

Location W. CENTRAL AREA OF LOT

WELL DATA: Depth to Water 28.46 ft (static) pumping @ 11:18 Depth to Product ft.
Product Thickness ft Well Depth ft (spec) Well Depth 39.82 ft (sounded) Well Diameter 3 in
Initial Height of Water in Casing 11.36 ft = volume 4.16 gal.
Casing Volumes to be Evacuated. Total to be evacuated 12.5 gal.

EVACUATION METHOD: Pump # and type Hose # and type
Bailer # and type 1.5" x 60" PVC Dedicated NO (Y/N)
Other WA # BC

Evacuation Time: Stop 12:09 12:25
Start 11:53 12:20
Total Evacuation Time 21 min
Total Evacuated Prior to Sampling 12.5 gal.
Evacuation Rate 0.59 gal. per minute

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^3
V2" casing = 0.163 gal/ft
V3" casing = 0.367 gal/ft
V4" casing = 0.653 gal/ft
V4.5" casing = 0.826 gal/ft
V6" casing = 1.47 gal/ft
V8 casing = 2.61 gal/ft

Depth to Water during Evacuation ft. time
Depth to Water at Sampling 31.95 ft. 12:30 time
Evacuated Dry? NO After gal. Time
80% Recovery =
% Recovery at Sample Time Time

CHEMICAL DATA: Meter Brand/Number

Calibration: 4.0 7.0 10.0

Table with columns: Measured, SC/umhos, pH, T°C, Time, Volume Evacuated (gal.)

SAMPLE: Color Clear / Slightly Cloudy Odor NONE
Description of matter in sample: some suspended silt particles
Sampling Method: decanted from teflon bailer, no id #
Sample Port: Rate gpm Totalizer gal.
Time

Table with columns: # of Cont., Sample ID, Cont. Type, Vol, Fil, Ref, Preservative (specify), Analytic Method, Turn, LAB

1 Sample Type Codes: W = Water, S = Soil, Describe Other
Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other
Cap Codes: PT = Plastic, Teflon lined;
2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)
5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



**WATER SAMPLING DATA**

Well Name C-4 Date 6/18/91 Time of Sampling 1423  
 Job Name CHEM. OAK. II Job Number 4-417-01 Initials OC  
 Sample Point Description M (M = Monitoring Well)  
 Location SW CORNER OF LOT

**WELL DATA:** Depth to Water 27.45 ft (static pumping) @ 11:15 Depth to Product — ft.  
 Product Thickness — Well Depth — ft (spec) Well Depth 39.86 ft (sounded) Well Diameter 3 in  
 Initial Height of Water in Casing 12.41 ft. = volume 4.55 gal.  
3 Casing Volumes to be Evacuated. Total to be evacuated 13.7 gal.

**EVACUATION METHOD:** Pump # and type — Hose # and type —  
 Bailer # and type 2 3/8" X 3" PVC Dedicated NO (Y/N)  
 Other WA # NONE

Evacuation Time: Stop 1722  
 Start 1412 ~~1234~~  
 Total Evacuation Time 10 min  
 Total Evacuated Prior to Sampling 9 gal.  
 Evacuation Rate 0.9 gal. per minute

**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<sub>2"</sub> casing = 0.163 gal/ft
- V<sub>3"</sub> casing = 0.367 gal/ft
- V<sub>4"</sub> casing = 0.653 gal/ft
- V<sub>4.5"</sub> casing = 0.826 gal/ft
- V<sub>6"</sub> casing = 1.47 gal/ft
- V<sub>8"</sub> casing = 2.61 gal/ft

Depth to Water during Evacuation — ft. — time  
 Depth to Water at Sampling 31.20 ft. 1419 time  
 Evacuated Dry? YES After 9 gal. Time 1722  
 80% Recovery = 0.5189 ~~0.5189~~ 29.93  
 % Recovery at Sample Time 70% Time 1419

**CHEMICAL DATA:** Meter Brand/Number —

Calibration: 4.0 7.0 10.0

Measured:	SC/ $\mu$ mhos	pH	T°C	Time	Volume Evacuated (gal.)

SAMPLE: Color NONE Odor STRONG

Description of matter in sample: NONE

Sampling Method: DELTANT FROM WATER BLR. II NONE (OLD BKRSFLD. TEF)

Sample Port: Rate — gpm Totalizer — gal.  
 Time —

# of Cont.	Sample ID	Cont. Type <sup>1</sup>	Vol <sup>2</sup>	Fil <sup>3</sup>	Ref <sup>4</sup>	Preservative (specify)	Analytic Method	Turn <sup>5</sup>	LAB
<u>2</u>	<u>061-4</u>	<u>W/CV</u>	<u>40ml</u>	<u>N</u>	<u>Y</u>	<u>HCL</u>	<u>8015/8020</u>	<u>N</u>	<u>SAL</u>

1 Sample Type Codes: W = Water, S = Soil, Describe Other  
 Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other  
 Cap Codes: PT = Plastic, Teflon lined;  
 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)  
 5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



**WATER SAMPLING DATA**

Well Name C-5 Date 6/18/91 Time of Sampling 13:05  
 Job Name CHEV. OAK II Job Number 4-417-01 Initials BB  
 Sample Point Description M (M = Monitoring Well)  
 Location NW CORNER OF SITE

**WELL DATA:** Depth to Water 28.52 ft (static) pumping @ 11:05 Depth to Product      ft.  
 Product Thickness      Well Depth      ft (spec) Well Depth 44.78 ft (sounded) Well Diameter 8 in  
 Initial Height of Water in Casing 16.26 ft = volume 2.65 gal.  
3 Casing Volumes to be Evacuated. Total to be evacuated 7.95 gal.

**EVACUATION METHOD:** Pump # and type      Hose # and type       
 Bailer# and type 1 1/4 x 60" PVC Dedicated YES (Y/N)  
 Other     

Evacuation Time: Stop 13:00  
 Start 12:47  
 Total Evacuation Time 13 min  
 Total Evacuated Prior to Sampling 8 gal.  
 Evacuation Rate 0.61 gal. per minute

**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<sub>2"</sub> casing = 0.163 gal/ft  
 V<sub>3"</sub> casing = 0.367 gal/ft  
 V<sub>4"</sub> casing = 0.653 gal/ft  
 V<sub>4.5"</sub> casing = 0.826 gal/ft  
 V<sub>6"</sub> casing = 1.47 gal/ft  
 V<sub>8"</sub> casing = 2.61 gal/ft

Depth to Water during Evacuation      ft.      time  
 Depth to Water at Sampling 28.91 ft. 13:07 time  
 Evacuated Dry? NO After      gal. Time       
 80% Recovery =       
 % Recovery at Sample Time      Time     

**CHEMICAL DATA: Meter Brand/Number**     

Calibration: 4.0 7.0 10.0

Measured:	SC/ $\mu$ mhos	pH	T <sup>o</sup> C	Time	Volume Evacuated (gal.)

**SAMPLE:** Color Brown Odor None

Description of matter in sample: Suspended silt particles

Sampling Method: decanted from Teflon bailer, no ID #

Sample Port: Rate      gpm Totalizer      gal.  
 Time     

# of Cont.	Sample ID	Cont. Type <sup>1</sup>	Vol <sup>2</sup>	Fil <sup>3</sup>	Ref <sup>4</sup>	Preservative (specify)	Analytic Method	Turn <sup>5</sup>	LAB
<u>2</u>	<u>061-5</u>	<u>W/CV</u>	<u>40mL</u>	<u>N</u>	<u>Y</u>	<u>HCL</u>	<u>8015/8020</u>	<u>N</u>	<u>SAL</u>

1 Sample Type Codes: W = Water, S = Soil, Describe Other  
 Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other  
 Cap Codes: PT = Plastic, Teflon lined;  
 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)  
 5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



**WATER SAMPLING DATA**

Well Name C-6 Date 6/18/91 Time of Sampling 1456  
 Job Name CHEV. OAK. # Job Number 4-417-01 Initials OC  
 Sample Point Description M (M = Monitoring Well)  
 Location NW CORNER OF BOND ST @ ~~FERRIS~~ HIGH ST.

**WELL DATA:** Depth to Water 43.49 ft (static, pumping) @ 10:42 Depth to Product \_\_\_\_\_ ft.  
 Product Thickness \_\_\_\_\_ Well Depth \_\_\_\_\_ ft (spec) Well Depth 55.19 ft (sounded) Well Diameter 2 in  
 Initial Height of Water in Casing 11.7 ft. = volume 1.90 gal.  
3 Casing Volumes to be Evacuated. Total to be evacuated 5.75 gal.

**EVACUATION METHOD:** Pump # and type \_\_\_\_\_ Hose # and type \_\_\_\_\_  
 Bailer# and type 1 1/4 X 60" PVC Dedicated YES (Y/N)  
 Other \_\_\_\_\_

Evacuation Time: Stop 1451  
 Start 1440  
 Total Evacuation Time 11 min  
 Total Evacuated Prior to Sampling 6 gal.  
 Evacuation Rate 0.5 gal. per minute

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<sub>2"</sub> casing = 0.163 gal/ft
- V<sub>3"</sub> casing = 0.367 gal/ft
- V<sub>4"</sub> casing = 0.653 gal/ft
- V<sub>4.5"</sub> casing = 0.826 gal/ft
- V<sub>6"</sub> casing = 1.47 gal/ft
- V<sub>8"</sub> casing = 2.61 gal/ft

Depth to Water during Evacuation \_\_\_\_\_ ft. \_\_\_\_\_ time  
 Depth to Water at Sampling 42.75 ft. 1458 time  
 Evacuated Dry? NO After \_\_\_\_\_ gal. Time \_\_\_\_\_  
 80% Recovery = \_\_\_\_\_  
 % Recovery at Sample Time \_\_\_\_\_ Time \_\_\_\_\_

**CHEMICAL DATA:** Meter Brand/Number \_\_\_\_\_

Calibration: \_\_\_\_\_ 4.0 \_\_\_\_\_ 7.0 \_\_\_\_\_ 10.0

Measured:	SC/ $\mu$ mhos	pH	T <sup>o</sup> C	Time	Volume Evacuated (gal.)

**SAMPLE:** Color CLOUDY GREY Odor STRONG  
 Description of matter in sample: ~ 1% POWDERY SILT  
 Sampling Method: NO DECANT FROM DEB. PVC BLR  
 Sample Port: Rate \_\_\_\_\_ gpm Totalizer \_\_\_\_\_ gal.  
 Time \_\_\_\_\_

# of Cont.	Sample ID	Cont. Type <sup>1</sup>	Vol <sup>2</sup>	Fil <sup>3</sup>	Ref <sup>4</sup>	Preservative (specify)	Analytic Method	Turn <sup>5</sup>	LAB
<u>2</u>	<u>061-6</u>	<u>w/cv</u>	<u>40ml</u>	<u>N</u>	<u>Y</u>	<u>HCL</u>	<u>8015/8020</u>	<u>N</u>	<u>SAL</u>

1 Sample Type Codes: W = Water, S = Soil, Describe Other  
 Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other  
 Cap Codes: PT = Plastic, Teflon lined;  
 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)  
 5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:





**WATER SAMPLING DATA**

Well Name CHEV. OAK. II Date 6/18/91 Time of Sampling 1322  
 Job Name C-7 Job Number 41-417-01 Initials DC  
 Sample Point Description M (M = Monitoring Well)

Location SW CORNER OF BOND ST @ HIGH

WELL DATA: Depth to Water 42.05 ft (static) pumping @ 10:47 Depth to Product      ft.

Product Thickness      Well Depth      ft (spec) Well Depth 54.64 ft (sounded) Well Diameter 2 in

Initial Height of Water in Casing 12.59 ft = volume 2.0 gal.

3 Casing Volumes to be Evacuated. Total to be evacuated 6.1 gal.

EVACUATION METHOD: Pump # and type      Hose # and type     

Bailer # and type 1 1/4 X 60 PVC Dedicated YES (Y/N)

Other     

Evacuation Time: Stop 1303

Start 1249

Total Evacuation Time 14 min

Total Evacuated Prior to Sampling 6.1 gal.

Evacuation Rate 0.45 gal. per minute

Depth to Water during Evacuation      ft.      time

Depth to Water at Sampling 50.14 ft. 1318 time

Evacuated Dry? YES After 6 gal. Time 1303 - PURGED

80% Recovery =      ALL 3 CAS. VOLS. AT TIME OF

% Recovery at Sample Time      Time GOING DRY

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<sub>2</sub>" casing = 0.163 gal/ft
- V<sub>3</sub>" casing = 0.367 gal/ft
- V<sub>4</sub>" casing = 0.653 gal/ft
- V<sub>4.5</sub>" casing = 0.826 gal/ft
- V<sub>6</sub>" casing = 1.47 gal/ft
- V<sub>8</sub> casing = 2.61 gal/ft

CHEMICAL DATA: Meter Brand/Number     

Calibration:      4.0      7.0      10.0

Measured:	SC/ $\mu$ mhos	pH	T°C	Time	Volume Evacuated (gal.)

SAMPLE: Color CLOUDY Odor LIGHT

Description of matter in sample: SMALL AMT. FINE SAND AND SILT

Sampling Method: DECANT FROM BED. PVC BLR.

Sample Port: Rate      gpm Totalizer      gal.

Time     

# of Cont.	Sample ID	Cont. Type <sup>1</sup>	Vol <sup>2</sup>	Fil <sup>3</sup>	Ref <sup>4</sup>	Preservative (specify)	Analytic Method	Turn <sup>5</sup>	LAB
<u>2</u>	<u>061-7</u>	<u>W/CV</u>	<u>40mL</u>	<u>N</u>	<u>Y</u>	<u>HCL</u>	<u>8015/8020</u>	<u>N</u>	<u>SAL</u>

1 Sample Type Codes: W = Water, S = Soil, Describe Other  
 Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other  
 Cap Codes: PT = Plastic, Teflon lined;  
 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)  
 5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]  
 ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



**WATER SAMPLING DATA**

Well Name C-8 Date 6/18/91 Time of Sampling ~~14:12~~ 15:09  
 Job Name CHEV OAK # Job Number 4-417-01 Initials BB  
 Sample Point Description M (M = Monitoring Well)  
 Location NE CORNER OF E. 17TH ST @ HIGH ST

WELL DATA: Depth to Water 42.62 ft (static) pumping @ 10:55 Depth to Product — ft.  
 Product Thickness — Well Depth — ft (spec) Well Depth 58.45 ft (sounded) Well Diameter 2 in  
 Initial Height of Water in Casing 15.83 ft. = volume 2.58 gal.  
3 Casing Volumes to be Evacuated. Total to be evacuated 7.75 gal.

EVACUATION METHOD: Pump # and type — Hose # and type —  
 Bailer # and type 1 1/4 X 60" PVC Dedicated YES (Y/N)  
 Other —

Evacuation Time: Stop 15:06  
 Start 14:42  
 Total Evacuation Time 24 min  
 Total Evacuated Prior to Sampling 8 gal.  
 Evacuation Rate 0.33 gal. per minute

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<sub>2"</sub> casing = 0.163 gal/ft
- V<sub>3"</sub> casing = 0.367 gal/ft
- V<sub>4"</sub> casing = 0.653 gal/ft
- V<sub>4.5"</sub> casing = 0.826 gal/ft
- V<sub>6"</sub> casing = 1.47 gal/ft
- V<sub>8"</sub> casing = 2.61 gal/ft

Depth to Water during Evacuation — ft. — time  
 Depth to Water at Sampling 42.09 ft. 15:12 time  
 Evacuated Dry? NO After — gal. Time —  
 80% Recovery = —  
 % Recovery at Sample Time — Time —

**CHEMICAL DATA:** Meter Brand/Number —

Calibration:	4.0	7.0	10.0		
Measured:	SC/ $\mu$ mhos	pH	T <sup>o</sup> C	Time	Volume Evacuated (gal.)

SAMPLE: Color Brown Odor NONE  
 Description of matter in sample: suspended silt particles  
 Sampling Method: decanted from dedicated PVC bailer  
 Sample Port: Rate — gpm Totalizer — gal.  
 Time —

# of Cont.	Sample ID	Cont. Type <sup>1</sup>	Vol <sup>2</sup>	Fil <sup>3</sup>	Ref <sup>4</sup>	Preservative (specify)	Analytic Method	Turn <sup>5</sup>	LAB
<u>2</u>	<u>DBI-8</u>	<u>w/cv</u>	<u>40ml</u>	<u>N</u>	<u>Y</u>	<u>HCL</u>	<u>8015/8020</u>	<u>N</u>	<u>SAL</u>

1 Sample Type Codes: W = Water, S = Soil, Describe Other  
 Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other  
 Cap Codes: PT = Plastic, Teflon lined;  
 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)  
 5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



WATER SAMPLING DATA

Well Name TRAVEL BLANK Date 6/18/91 Time of Sampling 0900
Job Name CHEV. DAK. II Job Number 41-417-01 Initials OC
Sample Point Description (M = Monitoring Well)

WELL DATA: Depth to Water ft (static, pumping) Depth to Product ft.
Product Thickness Well Depth ft (spec) Well Depth ft (sounded) Well Diameter in
Initial Height of Water in Casing ft. = volume gal.
Casing Volumes to be Evacuated. Total to be evacuated gal.

EVACUATION METHOD: Pump # and type Hose # and type
Bailer# and type Dedicated (Y/N)
Other

Evacuation Time: Stop Start Total Evacuation Time
Total Evacuated Prior to Sampling gal.
Evacuation Rate gal. per minute

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^3
V2" casing = 0.163 gal/ft
V3" casing = 0.367 gal/ft
V4" casing = 0.653 gal/ft
V4.5" casing = 0.826 gal/ft
V6" casing = 1.47 gal/ft
V8 casing = 2.61 gal/ft

Depth to Water during Evacuation ft. time
Depth to Water at Sampling ft. time
Evacuated Dry? After gal. Time
80% Recovery =
% Recovery at Sample Time Time

CHEMICAL DATA: Meter Brand/Number

Calibration: 4.0 7.0 10.0

Table with 6 columns: Measured, SC/umhos, pH, T°C, Time, Volume Evacuated (gal.)

SAMPLE: Color NONE Odor
Description of matter in sample:
Sampling Method:
Sample Port: Rate gpm Totalizer gal.
Time

Table with 10 columns: # of Cont., Sample ID, Cont. Type, Vol, Fil, Ref, Preservative (specify), Analytic Method, Turn, LAB

1 Sample Type Codes: W = Water, S = Soil, Describe Other
Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other
Cap Codes: PT = Plastic, Teflon lined;
2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)
5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

B.B.



WATER SAMPLING DATA

Well Name BAILER BLANK Date 6/18/91 Time of Sampling 1150  
Job Name CHEV. OAK. II Job Number 4-417-01 Initials DC  
Sample Point Description \_\_\_\_\_ (M = Monitoring Well)  
Location \_\_\_\_\_

WELL DATA: Depth to Water \_\_\_\_\_ ft (static, pumping) Depth to Product \_\_\_\_\_ ft.  
Product Thickness \_\_\_\_\_ Well Depth \_\_\_\_\_ ft (spec) Well Depth \_\_\_\_\_ ft (sounded) Well Diameter \_\_\_\_\_ in  
Initial Height of Water in Casing \_\_\_\_\_ ft. = volume \_\_\_\_\_ gal.  
Casing Volumes to be Evacuated. Total to be evacuated \_\_\_\_\_ gal.

EVACUATION METHOD: Pump # and type \_\_\_\_\_ Hose # and type \_\_\_\_\_  
Bailer# and type \_\_\_\_\_ Dedicated \_\_\_\_\_ (Y/N)  
Other \_\_\_\_\_

Evacuation Time: Stop \_\_\_\_\_  
Start \_\_\_\_\_  
Total Evacuation Time \_\_\_\_\_  
Total Evacuated Prior to Sampling \_\_\_\_\_ gal.  
Evacuation Rate \_\_\_\_\_ gal. per minute

Depth to Water during Evacuation \_\_\_\_\_ ft \_\_\_\_\_ time  
Depth to Water at Sampling \_\_\_\_\_ ft \_\_\_\_\_ time  
Evacuated Dry? \_\_\_\_\_ After \_\_\_\_\_ gal. Time \_\_\_\_\_  
80% Recovery = \_\_\_\_\_  
% Recovery at Sample Time \_\_\_\_\_ Time \_\_\_\_\_

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<sub>2"</sub> casing = 0.163 gal/ft
- V<sub>3"</sub> casing = 0.367 gal/ft
- V<sub>4"</sub> casing = 0.653 gal/ft
- V<sub>4.5"</sub> casing = 0.826 gal/ft
- V<sub>6"</sub> casing = 1.47 gal/ft
- V<sub>8"</sub> casing = 2.61 gal/ft

CHEMICAL DATA: Meter Brand/Number \_\_\_\_\_

Calibration: \_\_\_\_\_ 4.0 \_\_\_\_\_ 7.0 \_\_\_\_\_ 10.0

Measured: SC/ $\mu$ mhos pH T°C Time Volume Evacuated (gal.)

SC/ $\mu$ mhos	pH	T°C	Time	Volume Evacuated (gal.)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

SAMPLE: Color NONE Odor NONE  
Description of matter in sample: NONE  
Sampling Method: DECANT ARROWHEAD WTR. INTO UVA TEF. BLR. #  
Sample Port: Rate \_\_\_\_\_ gpm Totalizer \_\_\_\_\_ gal.  
Time \_\_\_\_\_

# of Cont.	Sample ID	Cont. Type <sup>1</sup>	Vol <sup>2</sup>	Fil <sup>3</sup>	Ref <sup>4</sup>	Preservative (specify)	Analytic Method	Turn <sup>5</sup>	LAB
2	061-22	W/CV	40mL	N	Y	HCL	2015/8020	HOLD BB	SAL
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

1 Sample Type Codes: W = Water, S = Soil, Describe Other  
Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other  
Cap Codes: PT = Plastic, Teflon lined;  
2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)  
5 Turnaround [N = Normal, W = 1 week, R = 24 hour, HOLD (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

**ATTACHMENT B**  
**ANALYTIC REPORT AND CHAIN-OF-CUSTODY FORMS**

# SUPERIOR ANALYTICAL LABORATORY, INC.

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

DOHS #1332

## C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 11995  
 CLIENT: Weiss Associates  
 CLIENT JOB NO.: 4-417-01

DATE RECEIVED: 06/19/91  
 DATE REPORTED: 06/24/91

Page 1 of 2

Lab Number	Customer Sample Identification	Date Sampled	Date Analyzed
11995- 1	061-1	06/18/91	06/21/91
11995- 2	061-3	06/18/91	06/21/91
11995- 3	061-4	06/18/91	06/21/91
11995- 4	061-5	06/18/91	06/21/91
11995- 5	061-6	06/18/91	06/21/91
11995- 6	061-7	06/18/91	06/21/91
11995- 7	061-8	06/18/91	06/21/91
11995- 8	061-21	06/18/91	06/21/91
11995- 9	061-22	06/18/91	06/21/91

Laboratory Number:	11995	11995	11995	11995	11995
	1	2	3	4	5

ANALYTE LIST	Amounts/Quantitation Limits (ug/L)				
OIL AND GREASE:	NA	NA	NA	NA	NA
TPH/GASOLINE RANGE:	74	52	34000	ND<50	4400
TPH/DIESEL RANGE:	NA	NA	NA	NA	NA
BENZENE:	5.6	1.1	14000	ND<0.5	2500
TOLUENE:	0.6	ND<0.5	410	ND<0.5	18
ETHYL BENZENE:	1.9	ND<0.5	450	ND<0.5	160
XYLENES:	1.3	1.2	1300	ND<0.5	77

Laboratory Number:	11995	11995	11995	11995
	6	7	8	9

ANALYTE LIST	Amounts/Quantitation Limits (ug/L)			
OIL AND GREASE:	NA	NA	NA	NA
TPH/GASOLINE RANGE:	23000	ND<50	ND<50	ND<50
TPH/DIESEL RANGE:	NA	NA	NA	NA
BENZENE:	5700	ND<0.5	ND<0.5	ND<0.5
TOLUENE:	420	ND<0.5	ND<0.5	ND<0.5
ETHYL BENZENE:	1000	ND<0.5	ND<0.5	ND<0.5
XYLENES:	2800	ND<0.5	ND<0.5	0.5

OUTSTANDING QUALITY AND SERVICE

# SUPERIOR ANALYTICAL LABORATORY, INC.

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

DOHS #1332

## C E R T I F I C A T E   O F   A N A L Y S I S

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 11995

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/l = part per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 503E:  
Minimum Detection Limit in Water: 5000ug/L

Modified EPA-SW846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/l  
Standard Reference: NA

EPA-SW846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/l  
Standard Reference: 08/24/90

SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/l  
Standard Reference: 04/09/91

ANALYTE	REFERENCE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Oil & Grease	NA	NA	NA	NA	NA
Diesel	NA	NA	NA	NA	NA
Gasoline	08/24/90	200ng	102/105	2.3	63-111
Benzene	04/09/91	200ng	110/109	0.9	72-119
Toluene	04/09/91	200ng	106/106	0.0	70-116
Ethyl Benzene	04/09/91	200ng	106/105	0.9	73-119
Total Xylene	04/09/91	600ng	107/107	0.3	71-118

Richard Srna, Ph.D.

*Olga A. Noguera*  
Laboratory Director

OUTSTANDING QUALITY AND SERVICE

9-0076

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

Chevron Facility Number 9-0076 (Oakland II)  
Facility Address 4265 FODHILL BOULEVARD  
Consultant Project Number 4-417-01  
Consultant Name Weiss Associates  
Address 5500 Shellmound St, Emeryville  
Project Contact (Name) Mariette Shin  
(Phone) 415-547-5420 (Fax Number) 415-547-5043

Chevron Contact (Name) Nancy Vukelich  
(Phone) 415-842-9581  
Laboratory Name Superior Analytical  
Laboratory Release Number 4508080  
Samples Collected by (Name) D. CHARLES & B. BUSCH  
Collection Date 6/18/91  
Signature Dave Chel

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)	Analytes To Be Performed										Remarks	
							BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead (AA)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)					
061-1	2	W	G	1336	HCL	Y	X											
061-3				1228														
061-4				1423														
061-5				1305														
061-6				1456														
061-7				1322														
061-8				1509														
061-21				0900														
061-22	W	W	W	1150														

Please Initial: DC  
 Samples Stored in ice: 2  
 Appropriate containers: Y  
 Samples preserved: Y  
 VOA's without headspace: Y  
 Comments:

Relinquished By (Signature) <u>Dave Chel</u>	Organization <u>Weiss Assoc</u>	Date/Time <u>6/18/91 17:15</u>	Received By (Signature) <u>Mariette Shin</u>	Organization <u>Weiss Assoc</u>	Date/Time <u>6/19/91 8:30</u>	Turn Around Time (Circle Choice)  24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature) <u>Mariette Shin</u>	Organization <u>Weiss Assoc</u>	Date/Time <u>6/19/91 11:08</u>	Received By (Signature) <u>Mani</u>	Organization <u>Superior Analytical</u>	Date/Time <u>6/19/91 11:08</u>	
Relinquished By (Signature) <u>M. Halderberg</u>	Organization	Date/Time	Received For Laboratory By (Signature)	Organization	Date/Time <u>6/19/91 15:30</u>	

COC-1.DWG/11.90/HCH