Weiss Associates Environmental and Geologic Services

5500 Shellmound Street, Emeryville, CA 94608-2411 Fax: 510-547-5043 Phone: **510-547-5420**

May 3, 1992

Mr. Scott Seery
Alameda County Department
of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621-1426

Re: Shell Service Station
WIC #204-6852-0703
1285 Bancroft Avenue
San Leandro, California 94577
WA Job #81-423-01

Dear Mr. Seery:

This letter describes recently completed and anticipated activities at the Shell service station referenced above (Figure 1). This status report satisfies the quarterly reporting requirements prescribed by California Administrative Code Title 23 Waters, Chapter 3, Subchapter 16, Article 5, Section 265.d. Included below are descriptions and results of activities performed in the first quarter 1992 and proposed work for the second quarter 1992.

First Quarter 1992 Activities:

- WA installed ground water monitoring wells MW-2 and MW-3 to assess whether hydrocarbons were in soil or ground water near the underground fuel storage tanks. This work was reported to the Alameda County Department of Environmental Health on April 28, 1992.

- EMCON Associates of San Jose, California measured ground water depths and collected ground water samples from the three site wells. EMCON's report describing these activities and analytic results for ground water is included as Attachment A.

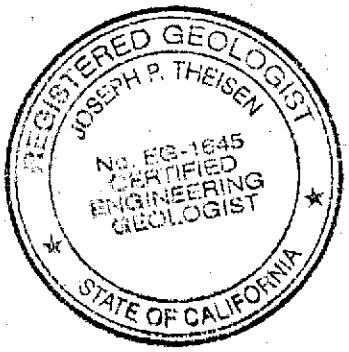
- Weiss Associates (WA) used EMCON's ground water elevation calculations to prepare a ground water elevation contour map (Figure 2).

Mr. Scott Seery
May 3, 1992

Anticipated Second Quarter 1992 Activities:

WA will submit a report presenting the results of the second quarter 1992 ground water sampling and ground water depth measurements. The report will include tabulated chemical analytic results and a ground water elevation contour map.

Please call if you have any questions.



Sincerely,
Weiss Associates

David C. Elias
Staff Geologist

Joseph P. Theisen, C.E.G.
Senior Hydrogeologist

JCM/JPT:jma

E:\ALL\SHELL\400\423QMMA2.WP

Attachments: Figures
A - EMCON Associates' Ground Water Monitoring Report

cc: Kurt Miller, Shell Oil Company, P.O. Box 5278, Concord, California 94520-9998
Lester Feldman, California Regional Water Quality Control Board - San Francisco Bay Region, 2101 Webster Street, Oakland, California 94612

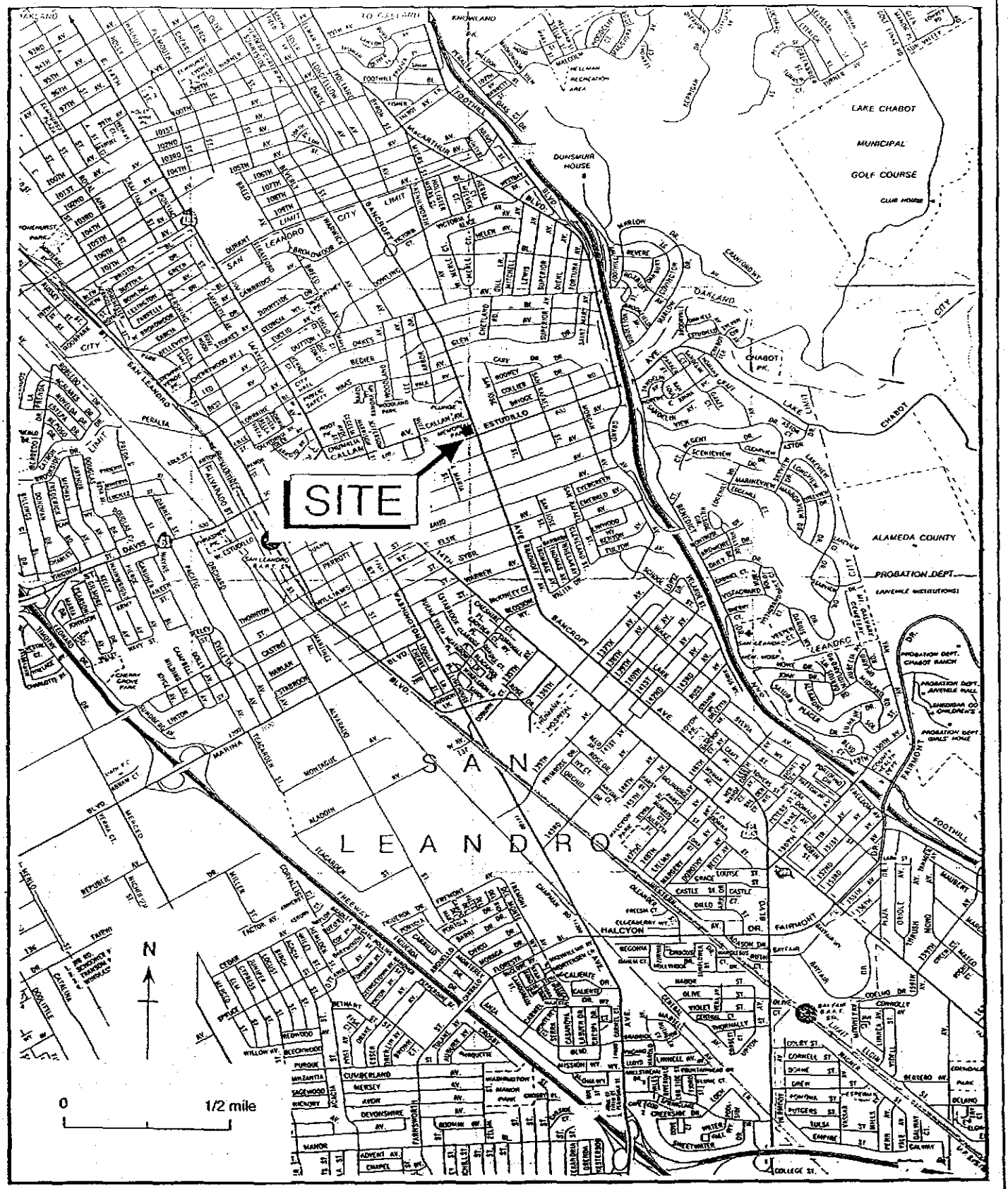
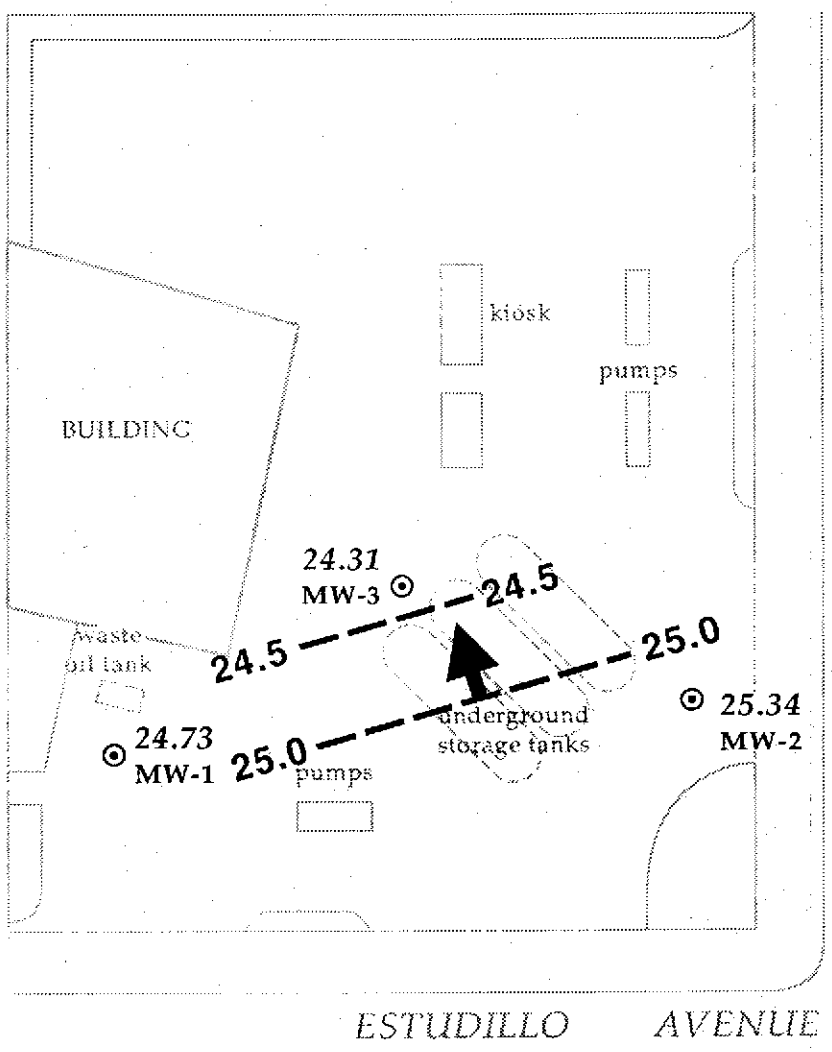


Figure 1. Site Location Map - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California

3/16/90



EXPLANATION

⊙ MW-2	Monitoring well
24.31	Ground water elevation, ft above mean sea level
24.5	Ground water elevation contour, ft above mean sea level, approximately located, where inferred
	Approximate ground water flow direction

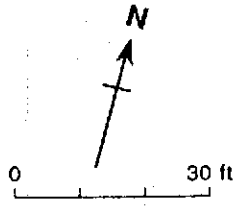


Figure 2. Monitoring Well Locations and Ground Water Elevation Contours - March 1, 1992 - Shell Service Station WIC #204-6852-0703, 1285 Bancroft Avenue, San Leandro, California

5/11/92

ATTACHMENT A

GROUND WATER MONITORING REPORT AND ANALYTIC REPORT

EMCON
ASSOCIATES
Consultants in Wastes
Management and
Environmental Control

March 24, 1992
Project: G67-35.01
WIC#: 204-6852-0703

Mr. David Elias
Weiss Associates
5500 Shellmound Street
Emeryville, California 94608-2411

Re: First quarter 1992 ground-water monitoring report, Shell Oil Company, 1285 Bancroft Avenue, San Leandro, California

Dear Mr. Elias:

This letter presents the results of the first quarter 1992 ground-water monitoring event for the Shell Oil Company (Shell) service station located at 1285 Bancroft Avenue, San Leandro, California. First quarter monitoring was conducted on March 1, 1992. The site is monitored quarterly.

GROUND-WATER LEVEL SURVEY

A water-level survey preceded the purging and sampling of the monitoring wells. The wells included in the survey are identified in figure 1 (supplied by Weiss Associates). During the survey, wells MW-1 through MW-3 were measured for depth to water, floating product thickness, and total depth. Depth to water and floating product thickness were measured to the nearest 0.01 foot with an oil/water interface probe. **No floating product was observed in any wells.** Total depth was measured to the nearest 0.1 foot. Results of the first quarter water-level survey, and available data from four previous surveys, are summarized in table 1.

SAMPLING AND ANALYSIS

Ground-water samples were collected from wells MW-1 through MW-3 on March 1, 1992. Prior to sample collection, the wells were purged with an electric submersible pump. During the purging operation, ground water was monitored for pH, electrical conductivity, and temperature as a function of volume of water removed. Purging continued until these parameters were stable and a minimum of three casing volumes of ground water were removed. Field measurements from first quarter monitoring, and available data from four previous monitoring events, are summarized in table 1. Purge water from the monitoring wells was contained in 55-gallon drums. The drums were identified with Shell-approved labels and secured for on-site storage.

1938 Junction Avenue, San Jose, California 95131-2102, (408) 453-0719, Fax (408) 453-0452

Ground water samples were collected with a Teflon® bailer, labeled, placed on ice, and transported to a Shell-approved and state-certified analytical laboratory for analysis. Shell chain-of-custody documents accompanied all samples to the laboratory.

All equipment that was placed down a well or that came in contact with ground water was steam cleaned on site with steaming hot deionized water prior to use at each well.

Quality control (QC) samples for first quarter monitoring included a trip blank (TB). All ground water samples collected during first quarter monitoring were analyzed for total petroleum hydrocarbons (TPH) as gasoline; benzene, toluene, ethylbenzene, and total xylenes (BTEX); TPH as diesel; and volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) method 601. The trip blank was analyzed for TPH as gasoline and BTEX only.

ANALYTICAL RESULTS

Analytical results for the first quarter 1992 monitoring event, and available results from four previous monitoring events, are summarized in table 2 (hydrocarbon results) and table 3 (VOC results). The original certified analytical report and a copy of the final chain-of-custody document are attached.

If you have any questions, please call.

Very truly yours,

EMCON Associates

David Larsen
Environmental Sampling Coordinator

Orrin Childs
Environmental Sampling Supervisor

DL/OC:dl

Attachments: Table 1 - Monitoring well field measurement data
Table 2 - Summary of analytical results (hydrocarbons)
Table 3 - Summary of analytical results (VOCs)
Figure 1 - Site map
Certified analytical report
Chain-of-custody document

Table 1
Monitoring Well Field Measurement Data
First Quarter 1992

Shell Station: 1285 Bancroft Avenue
San Leandro, California
WIC #: 204-6852-0703

Date: 03/24/92
Project Number: G67-35.01

Well Designation	Water Level Field Date	TOC Elevation (ft-MSL)	Depth to Water (feet)	Groundwater Elevation (ft-MSL)	Total Well Depth (feet)	Floating Product Thickness (feet)	Water Sample Field Date	pH (std. units)	Electrical Conductivity (micromhos/cm)	Temperature (degrees F)	Turbidity (NTU)
MW-1	12/18/90	66.29	45.23	21.06	NR	NR	12/18/90	NR	NR	NR	NR
MW-1	03/07/91	66.29	43.32	22.97	NR	NR	03/07/91	NR	NR	NR	NR
MW-1	06/07/91	66.29	42.18	24.11	NR	NR	06/07/91	NR	NR	NR	NR
MW-1	09/17/91	66.29	44.85	21.44	NR	NR	09/17/91	NR	NR	NR	NR
MW-1	03/01/92	66.29	41.56	24.73	59.1	ND	03/01/92	6.84	497	64.7	20
MW-2	03/01/92	66.91	41.57	25.34	59.1	ND	03/01/92	6.85	468	64.9	50
MW-3	03/01/92	66.31	42.00	24.31	57.9	ND	03/01/92	6.74	679	65.2	70

TOC = top of casing
ft-MSL = elevation in feet, relative to mean sea level
std. units = standard pH units
micromhos/cm = micromhos per centimeter
degrees F = degrees Fahrenheit
NTU = nephelometric turbidity units
NR = not reported; data not available
ND = none detected

Table 2
Summary of Analytical Results
First Quarter 1992
milligrams per liter (mg/l) or parts per million (ppm)

Shell Station: 1285 Bancroft Avenue
San Leandro, California
WIC #: 204-6852-0703

Date: 03/24/92
Project Number: G67-35.01

Sample Designation	Water Sample Field Date	TPH-g (mg/l)	Benzene (mg/l)	Toluene (mg/l)	Ethyl-benzene (mg/l)	Total Xylenes (mg/l)	TPH-d (mg/l)	TOG (mg/l)
MW-1	12/18/90	0.48	<0.0005	<0.0005	<0.0005	0.0035	<0.05	<10
MW-1	03/07/91	0.08	<0.0005	<0.0005	<0.0005	<0.0005	0.06	NA
MW-1	06/07/91	0.31	<0.0005	<0.0005	<0.0005	0.0021	<0.05	NA
MW-1	09/17/91	0.05^	<0.0005	<0.0005	<0.0005	<0.0005	0.16&	NA
MW-1	03/01/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-2	03/01/92	0.34	0.041	0.0052	0.050	0.148	<0.05	NA
MW-3	03/01/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
TB	12/18/90	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA
TB	03/07/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA
TB	06/07/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA
TB	09/17/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA
TB	03/01/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA

TPH-g = total petroleum hydrocarbons as gasoline
TPH-d = total petroleum hydrocarbons as diesel
TOG = total oil and grease by SM 5520 B&F
NA = not analyzed
^ = result due to a non-gasoline hydrocarbon compound
& = result due to a non-diesel hydrocarbon compound

Table 3
Summary of Analytical Results
Volatile Organic Compounds by EPA Method 601
First Quarter 1992
milligrams per liter (mg/l) or parts per million (ppm)

Shell Station: 1285 Bancroft Avenue
San Leandro, California
WIC #: 204-6852-0703

Date: 03/24/92
Project Number: G87-35.01

Sample Designation	Water Sample Field Date	PCE (mg/l)	CF (mg/l)
MW-1	12/18/90	<0.0004	0.0053
MW-1	03/07/91	0.023	0.0037
MW-1	06/07/91	0.021	0.0066
MW-1	09/17/91	0.023	0.0074
MW-1	03/01/92	0.021	0.0063
MW-2	03/01/92	0.011	0.0089
MW-3	03/01/92	0.0088	0.0024

PCE = Tetrachloroethene
CF = Chloroform

(Supplied by Weiss Associates)

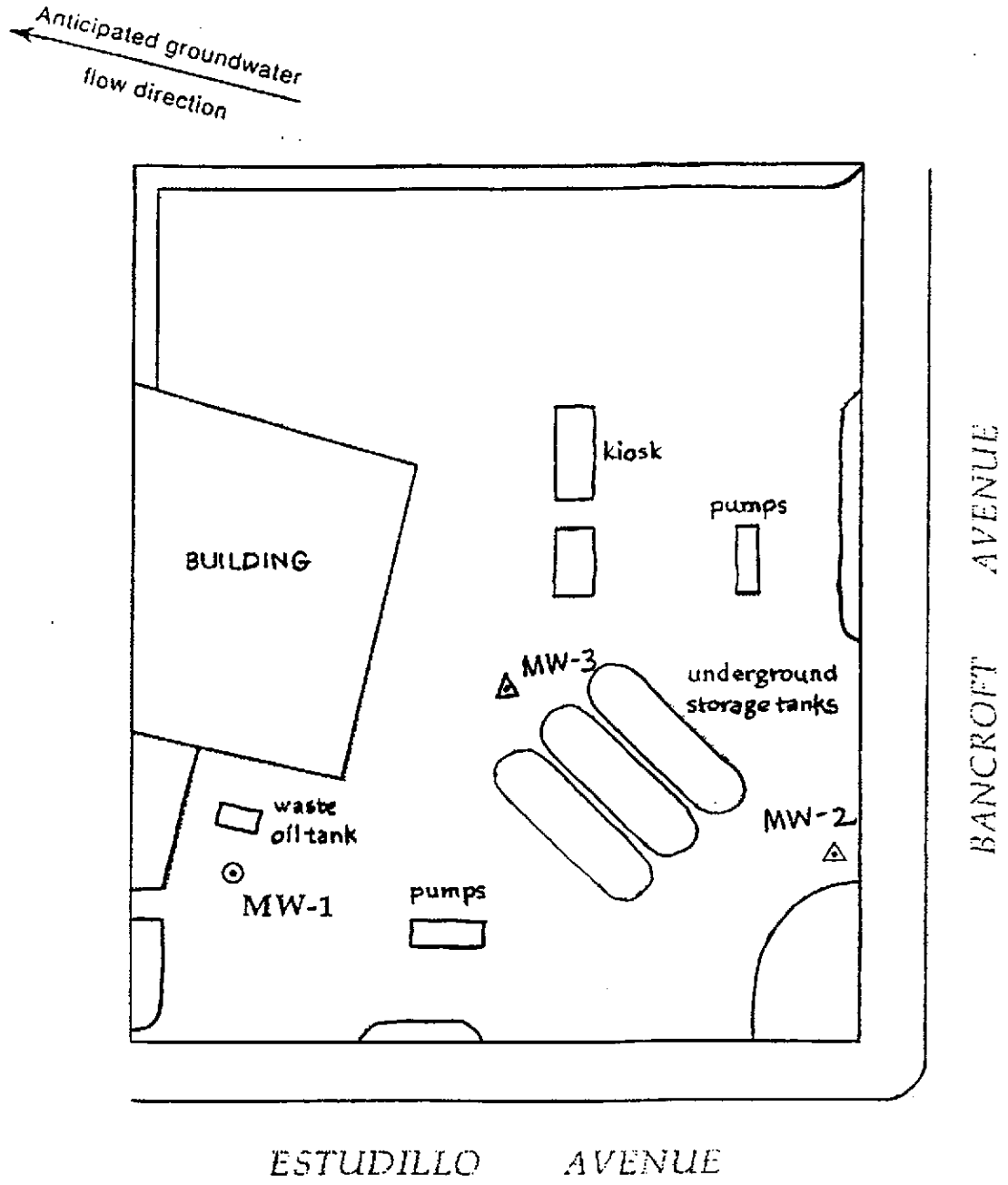


Figure 1: Site Map and Monitoring Well Locations for the Shell Service Station at 1285 Bancroft Avenue, San Leandro, California

WIC# 204-6852-0703

NATIONAL
ENVIRONMENTAL
TESTING, INC.

NET Pacific, Inc.
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

David Larson
EMCON Assoc.
1938 Junction Ave.
San Jose, CA 95131

Date: 03/12/1992
NET Client Acct. No: 1822
NET Pacific Log No: 92.1077
Received: 03/03/1992
REVISED: 03-20-92

Client Reference Information

SHELL, 1285 Bancroft Ave, San Leandro

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Jules Skamarack
Laboratory Manager

Enclosure(s)

NET Pacific, Inc

Client Acct: 1822
Client Name: EMCON Assoc.
NET Log No: 92.1077

Date: 03/12/1992
Page: 2

Ref: SHELL, 1285 Bancroft Ave, San Leandro

SAMPLE DESCRIPTION: MW-1
Date Taken: 03/01/1992
Time Taken:
LAB Job No: (-115188)

Parameter	Method	Reporting Limit	Results	Units
TPH (Gas/BTXE,Liquid)				
METHOD 5030 (GC,FID)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
as Gasoline	5030	0.05	ND	mg/L
METHOD 8020 (GC,Liquid)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
Benzene	8020	0.0005	ND	mg/L
Ethylbenzene	8020	0.0005	ND	mg/L
Toluene	8020	0.0005	ND	mg/L
Xylenes (Total)	8020	0.0005	ND	mg/L
SURROGATE RESULTS			--	
Bromofluorobenzene	5030		89	% Rec.
METHOD 3510 (GC,FID)				
DILUTION FACTOR*			1	
DATE EXTRACTED			03-03-92	
DATE ANALYZED			03-04-92	
as Diesel	3510	0.05	ND	mg/L

** NOTE: Large unidentified peak present.

Ref: SHELL, 1285 Bancroft Ave, San Leandro

SAMPLE DESCRIPTION: MW-1
Date Taken: 03/01/1992
Time Taken:
LAB Job No: (-115188)

Parameter	Method	Reporting Limit	Results	Units
METHOD 601 (GC,Liquid)				
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
Bromodichloromethane	601	0.0004	ND	mg/L
Bromoform	601	0.0004	ND	mg/L
Bromomethane	601	0.0004	ND	mg/L
Carbon tetrachloride	601	0.0004	ND	mg/L
Chlorobenzene	601	0.0004	ND	mg/L
Chloroethane	601	0.0004	ND	mg/L
2-Chloroethylvinyl ether	601	0.001	ND	mg/L
Chloroform	601	0.0004	0.0063	mg/L
Chloromethane	601	0.0004	ND	mg/L
Dibromochloromethane	601	0.0004	ND	mg/L
1,2-Dichlorobenzene	601	0.0004	ND	mg/L
1,3-Dichlorobenzene	601	0.0004	ND	mg/L
1,4-Dichlorobenzene	601	0.0004	ND	mg/L
Dichlorodifluoromethane	601	0.0004	ND	mg/L
1,1-Dichloroethane	601	0.0004	ND	mg/L
1,2-Dichloroethane	601	0.0004	ND	mg/L
1,1-Dichloroethene	601	0.0004	ND	mg/L
trans-1,2-Dichloroethene	601	0.0004	ND	mg/L
1,2-Dichloropropane	601	0.0004	ND	mg/L
cis-1,3-Dichloropropene	601	0.0004	ND	mg/L
trans-1,3-Dichloropropene	601	0.0004	ND	mg/L
Methylene chloride	601	0.010	ND	mg/L
1,1,2,2-Tetrachloroethane	601	0.0004	ND	mg/L
Tetrachloroethene	601	0.0004	0.021	mg/L
1,1,1-Trichloroethane	601	0.0004	ND	mg/L
1,1,2-Trichloroethane	601	0.0004	ND	mg/L
Trichloroethene	601	0.0004	ND	mg/L
Trichlorofluoromethane	601	0.0004	ND	mg/L
Vinyl chloride	601	0.0004	ND	mg/L
SURROGATE RESULTS			--	
1,4-Difluorobenzene	601		104	% Rec.
Bromochloromethane	601		97	% Rec.

Ref: SHELL, 1285 Bancroft Ave, San Leandro

SAMPLE DESCRIPTION: MW-2
Date Taken: 03/01/1992
Time Taken:
LAB Job No: (-115189)

Parameter	Method	Reporting Limit	Results	Units
TPH (Gas/BTXE,Liquid)				
METHOD 5030 (GC,FID)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
as Gasoline	5030	0.05	0.91	mg/L
METHOD 8020 (GC,Liquid)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
Benzene	8020	0.0005	0.011	mg/L
Ethylbenzene	8020	0.0005	0.050	mg/L
Toluene	8020	0.0005	0.0052	mg/L
Xylenes (Total)	8020	0.0005	0.14	mg/L
SURROGATE RESULTS			--	
Bromofluorobenzene	5030		132	% Rec.
METHOD 3510 (GC,FID)				
DILUTION FACTOR*			1	
DATE EXTRACTED			03-03-92	
DATE ANALYZED			03-04-92	
as Diesel	3510	0.05	ND	mg/L

Ref: SHELL, 1285 Bancroft Ave, San Leandro

SAMPLE DESCRIPTION: MW-2
Date Taken: 03/01/1992
Time Taken:
LAB Job No: (-115189)

Parameter	Method	Reporting Limit	Results	Units
METHOD 601 (GC,Liquid)				
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
Bromodichloromethane	601	0.0004	ND	mg/L
Bromoform	601	0.0004	ND	mg/L
Bromomethane	601	0.0004	ND	mg/L
Carbon tetrachloride	601	0.0004	ND	mg/L
Chlorobenzene	601	0.0004	ND	mg/L
Chloroethane	601	0.0004	ND	mg/L
2-Chloroethylvinyl ether	601	0.001	ND	mg/L
Chloroform	601	0.0004	0.0089	mg/L
Chloromethane	601	0.0004	ND	mg/L
Dibromochloromethane	601	0.0004	ND	mg/L
1,2-Dichlorobenzene	601	0.0004	ND	mg/L
1,3-Dichlorobenzene	601	0.0004	ND	mg/L
1,4-Dichlorobenzene	601	0.0004	ND	mg/L
Dichlorodifluoromethane	601	0.0004	ND	mg/L
1,1-Dichloroethane	601	0.0004	ND	mg/L
1,2-Dichloroethane	601	0.0004	ND	mg/L
1,1-Dichloroethene	601	0.0004	ND	mg/L
trans-1,2-Dichloroethene	601	0.0004	ND	mg/L
1,2-Dichloropropane	601	0.0004	ND	mg/L
cis-1,3-Dichloropropene	601	0.0004	ND	mg/L
trans-1,3-Dichloropropene	601	0.0004	ND	mg/L
Methylene chloride	601	0.010	ND	mg/L
1,1,2,2-Tetrachloroethane	601	0.0004	ND	mg/L
Tetrachloroethene	601	0.0004	0.011	mg/L
1,1,1-Trichloroethane	601	0.0004	ND	mg/L
1,1,2-Trichloroethane	601	0.0004	ND	mg/L
Trichloroethene	601	0.0004	ND	mg/L
Trichlorofluoromethane	601	0.0004	ND	mg/L
Vinyl chloride	601	0.0004	ND	mg/L
SURROGATE RESULTS			--	
1,4-Difluorobenzene	601		98	% Rec.
Bromochloromethane	601		95	% Rec.

Ref: SHELL, 1285 Bancroft Ave, San Leandro

SAMPLE DESCRIPTION: MW-3
Date Taken: 03/01/1992
Time Taken:
LAB Job No: (-115190)

Parameter	Method	Reporting Limit	Results	Units
TPH (Gas/BTXE,Liquid)				
METHOD 5030 (GC,FID)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
as Gasoline	5030	0.05	ND	mg/L
METHOD 8020 (GC,Liquid)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
Benzene	8020	0.0005	ND	mg/L
Ethylbenzene	8020	0.0005	ND	mg/L
Toluene	8020	0.0005	ND	mg/L
Xylenes (Total)	8020	0.0005	ND	mg/L
SURROGATE RESULTS			--	
Bromofluorobenzene	5030		80	% Rec.
METHOD 3510 (GC,FID)				
DILUTION FACTOR*			1	
DATE EXTRACTED			03-03-92	
DATE ANALYZED			03-04-92	
as Diesel	3510	0.05	ND	mg/L

** NOTE: Large unidentified peak present.

NET Pacific, Inc

Client Acct: 1822
Client Name: EMCON Assoc.
NET Log No: 92.1077

Date: 03/12/1992
Page: 7

Ref: SHELL, 1285 Bancroft Ave, San Leandro

SAMPLE DESCRIPTION: MW-3
Date Taken: 03/01/1992
Time Taken:
LAB Job No: (-115190)

Parameter	Method	Reporting Limit	Results	Units
METHOD 601 (GC,Liquid)				
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
Bromodichloromethane	601	0.0004	ND	mg/L
Bromoform	601	0.0004	ND	mg/L
Bromomethane	601	0.0004	ND	mg/L
Carbon tetrachloride	601	0.0004	ND	mg/L
Chlorobenzene	601	0.0004	ND	mg/L
Chloroethane	601	0.0004	ND	mg/L
2-Chloroethylvinyl ether	601	0.001	ND	mg/L
Chloroform	601	0.0004	0.0024	mg/L
Chloromethane	601	0.0004	ND	mg/L
Dibromochloromethane	601	0.0004	ND	mg/L
1,2-Dichlorobenzene	601	0.0004	ND	mg/L
1,3-Dichlorobenzene	601	0.0004	ND	mg/L
1,4-Dichlorobenzene	601	0.0004	ND	mg/L
Dichlorodifluoromethane	601	0.0004	ND	mg/L
1,1-Dichloroethane	601	0.0004	ND	mg/L
1,2-Dichloroethane	601	0.0004	ND	mg/L
1,1-Dichloroethene	601	0.0004	ND	mg/L
trans-1,2-Dichloroethene	601	0.0004	ND	mg/L
1,2-Dichloropropane	601	0.0004	ND	mg/L
cis-1,3-Dichloropropene	601	0.0004	ND	mg/L
trans-1,3-Dichloropropene	601	0.0004	ND	mg/L
Methylene chloride	601	0.010	ND	mg/L
1,1,2,2-Tetrachloroethane	601	0.0004	ND	mg/L
Tetrachloroethene	601	0.0004	0.0088	mg/L
1,1,1-Trichloroethane	601	0.0004	ND	mg/L
1,1,2-Trichloroethane	601	0.0004	ND	mg/L
Trichloroethene	601	0.0004	ND	mg/L
Trichlorofluoromethane	601	0.0004	ND	mg/L
Vinyl chloride	601	0.0004	ND	mg/L
SURROGATE RESULTS			--	
1,4-Difluorobenzene	601		NA	% Rec.
Bromochloromethane	601		94	% Rec.

Ref: SHELL, 1285 Bancroft Ave, San Leandro

SAMPLE DESCRIPTION: TB
Date Taken: 03/01/1992
Time Taken:
LAB Job No: (-115191)

Parameter	Method	Reporting Limit	Results	Units
TPH (Gas/BTXE,Liquid)				
METHOD 5030 (GC,FID)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
as Gasoline	5030	0.05	ND	mg/L
METHOD 8020 (GC,Liquid)			--	
DATE ANALYZED			03-04-92	
DILUTION FACTOR*			1	
Benzene	8020	0.0005	ND	mg/L
Ethylbenzene	8020	0.0005	ND	mg/L
Toluene	8020	0.0005	ND	mg/L
Xylenes (Total)	8020	0.0005	ND	mg/L
SURROGATE RESULTS			--	
Bromofluorobenzene	5030		93	% Rec.

NET Pacific, Inc

Client Acct: 1822
Client Name: EMCON Assoc.
NET Log No: 92.1077

Date: 03/12/1992
Page: 9

Ref: SHELL, 1285 Bancroft Ave, San Leandro

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Diesel	0.05	mg/L	95	ND	97	98	<1
Motor Oil	0.5	mg/L	120	ND	N/A	N/A	N/A
Gasoline	0.05	mg/L	99	ND	101	93	8.2
Benzene	0.0005	mg/L	97	ND	101	91	11
Toluene	0.0005	mg/L	94	ND	100	94	6.7
Gasoline	0.05	mg/L	101	ND	100	106	5.6
Benzene	0.0005	mg/L	91	ND	94	98	4.1
Toluene	0.0005	mg/L	86	ND	98	99	1.4

COMMENT: Blank Results were ND on other analytes tested.

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Chlorobenzene	0.0004	mg/L	90	ND	100	102	2.5
1,1-Dichloroethene	0.0004	mg/L	116	ND	117	118	1.3
Trichloroethene	0.0004	mg/L	118	ND	117	118	<1

COMMENT: Blank Results were ND on other analytes tested.

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No.: 4234

Date:
Page 1 of 1

Site Address: 1285 Bancroft Ave, San Leandro

WIC#: 204-6852-0703

Shell Engineer: Kurt Miller — **Phone No.** (510) **Fax #:** 685-3853

Consultant Name & Address: EMCON Assoc. 1938 Junction Ave. San Jose, CA 95131

Consultant Contact: David Larsen — **Phone No.** (408) **Fax #:** 453-2269

Comments: 3-VOAs for G, BTEX; 3-VOAs for 601; 2-Liters for Diesel; 2-VOAs for TB

Sampled By: J Butera
Printed Name: J Butera

LAB: NET - Pacific

CHECK ONE (1) BOX ONLY		CT/DT
Quarterly Monitoring	XXX	5461
Site Investigation	[ ]	5441
Soil for disposal	[ ]	5442
Water for disposal	[ ]	5443
Air Sample- Sys O&M	[ ]	5452
Water Sample - Sys O&M	[ ]	5453
Other	[ ]	

TURN AROUND TIME
24 hours [ ]
48 hours [ ]
15 days XXX (Normal)
Other [ ] ____

NOTE: Notify Lab as soon as possible of 24/48 hrs. TAT.

Analysis Required

Sample ID	Date	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	VOCs by EPA 601/8010	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
MW-1	3-1-92		X		8	X	X	X			X	40 ml	HCl	No		
MW-2	"		↓		8	X	X	X			X	↓	↓	↓		
MW-3	"		↓		8	X	X	X			X	↓	↓	↓		
TB	"		↓		2	X	X	X				↓	↓	↓		

CUSTODY SEALED 2°C @ SB 3/4/92 seal intact

Relinquished By (signature)	Printed name	Date / Time	Received (signature)	Printed name	Date / Time
J Butera	J Butera	Date: 3-2-92 Time: 1019	Steve Bennett	Steve Bennett	Date: 3/4/92 Time: [illegible]
Steve Bennett	Steve Bennett	Date: 3/2/92 Time: 1900			Date: Time:
		Date: Time:	K Temple	Kelly Temple	Date: 3/3/92 Time: 0800

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Last Revision Date: 10/15/91