EXTRA COPY

PACIFIC
ENVIRONMENTAL
GROUP, INC.

January 4, 1993
Project 305-94.01

Mr. Paul Hayes
Shell Oil Company
P.O. Box 5278
Concord, California 94520

Re: Former Shell Service Station
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California
WIC No 204-1381-0407

Dear Mr. Hayes:

This letter presents the results of the fourth quarter 1992 monitoring program for Shell Oil Company (Shell) prepared by Pacific Environmental Group, Inc. (PACIFIC) for the above referenced site (Figures 1 and 2).

FINDINGS

Groundwater monitoring wells were gauged and sampled by Emcon Associates (Emcon) at the direction of PACIFIC on November 6 and 12, 1992. Groundwater elevation contours for the sampling date are shown on Figure 2. Table 1 presents groundwater elevation data.

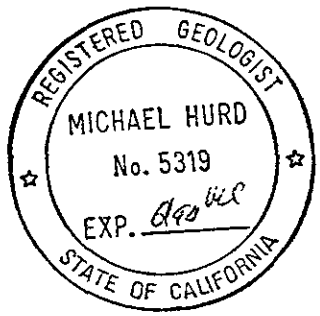
Groundwater analytical data are presented in Tables 2 and 3. Total petroleum hydrocarbons calculated as gasoline (TPH-g), benzene, and total petroleum hydrocarbons calculated as diesel (TPH-d) concentrations for the November 1992 sampling event are shown on Figure 3. Emcon's groundwater sampling report is presented in Attachment A.

2025 Gateway Place, Suite 440, San Jose, California 95110 (408) 441-7500 FAX (408) 441-7539
620 Contra Costa Blvd., Suite 209, Pleasant Hill, California 94523 (510) 825-0855 FAX (510) 825-0882

If you have any questions regarding the contents of this letter, please call.

Sincerely,

Pacific Environmental Group, Inc.



Michael Hurd
Project Geologist
RG 5319

Attachments:
Table 1 - Groundwater Elevation Data
Table 2 - Groundwater Analytical Data - Total Petroleum Hydrocarbons (TPH as Gasoline and BTEX Compounds)
Table 3 - Groundwater Analytical Data - Total Petroleum Hydrocarbons (TPH as Diesel and Oil and Grease)
Figure 1- Site Location Map
Figure 2- Groundwater Elevation Contour Map
Figure 3- TPH-g/Benzene/TPH-d Concentration Map
Attachment A - Groundwater Sampling Report

cc: Mr. Lawrence Seto, Alameda County Department of Environmental Health
Dr. Mohsen Mehran, Owner Consultant
Mr. Michael K. Johnson, Larson, Burnham and Turner
Mr. Richard Fenn, Righetti Law Firm
Mr. Richard A. Schoenberger, Esq., Walkup, Shelby, Bastian, Melodia, Kelly, Echeverria and Link
Mr. David Swope, Shell Oil Company

Table 1
Groundwater Elevation Data

Former Shell Service Station
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California

Well Number	Date Gauged	Well Elevation (feet)	Depth to Water (feet, TOC)	Groundwater Elevation (feet)
MW-1	02/08/90	99.78	8.39	91.39
	04/20/90		9.21	90.57
	07/30/90		9.21	90.57
	10/25/90		9.44	90.34
	01/15/91		9.11	90.67
	04/19/91		5.58	94.20
	07/16/91		7.58	92.20
	10/08/91		8.25	91.53
	02/04/92		8.52	91.26
	04/06/92		6.75	93.03
	08/26/92		9.89	89.89
	11/06/92		9.01	90.77
MW-2	02/08/90	100.83	7.33	93.50
	04/20/90		8.63	92.20
	07/30/90		8.78	92.05
	10/25/90		9.50	91.33
	01/15/91		8.52	92.31
	04/19/91		6.90	93.93
	07/16/91		9.01	91.82
	10/08/91		8.82	92.01
	02/04/92		7.46	93.37
	04/06/92		6.91	93.92
	08/26/92		9.28	91.55
	11/06/92		8.59	92.24
MW-3	02/08/90	101.48	8.91	92.57
	04/20/90		10.20	91.28
	07/30/90		10.61	90.87
	10/25/90		10.00	91.48
	01/15/91		9.74	91.74
	04/19/91		7.92	93.56
	07/16/91		9.40	92.08
	10/08/91		9.62	91.86
	02/04/92		8.74	92.74
	04/06/92		7.12	94.36
	08/26/92		9.58	91.90
	11/06/92		8.95	92.53

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California

Well Number	Date Gauged	Well Elevation (feet)	Depth to Water (feet, TOC)	Groundwater Elevation (feet)
MW-5	02/08/90	99.90	8.80	91.10
	04/20/90		9.35	90.55
	07/30/90		9.49	90.41
	10/25/90		10.12	89.78
	01/15/91		9.26	90.64
	04/19/91		6.52	93.38
	07/16/91		9.12	90.78
	10/08/91		9.22	90.68
	02/04/92		8.13	91.77
	04/06/92		5.53	94.37
	08/26/92		9.25	90.65
	11/06/92		9.02	90.88
OMW-6	07/16/91	101.48	8.60	92.88
	10/08/91		8.82	92.66
	02/04/92		7.47	94.01
	04/06/92		5.80	95.68
	08/26/92		9.18	92.30
	11/06/92		8.29	93.19
MW-7	07/16/91	99.54	8.70	90.84
	10/08/91		8.74	90.80
	02/04/92		7.78	91.76
	04/06/92		5.87	93.67
	08/26/92		8.93	90.61
	11/06/92		8.51	91.03
OMW-8	07/16/91	100.18	8.40	91.78
	10/08/91		8.74	91.44
	02/04/92		8.22	91.96
	04/06/92		6.82	93.36
	08/26/92		9.15	91.03
	11/06/92		8.69	91.49

TOC = Top of casing
All elevations are tied into a temporary benchmark elevation of 100 feet.

Table 2
Summary of Groundwater Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

Former Shell Service Station
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
MW-1	02/09/90	<1,000	0.58	0.63	<0.5	<0.5
	04/20/90	<50	<0.5	<0.5	<0.5	<0.5
	07/31/90	<50	<0.5	<0.5	<0.5	<0.5
	10/25/90	100	<0.5	<0.5	<0.5	<0.6
	01/15/91	60	<0.5	<0.5	<0.5	<0.5
	01/15/91	<50	<0.5	<0.5	<0.5	<0.5
	04/19/91	<50	7.7	<0.5	<0.5	<0.5
	04/19/91	<50	7.4	<0.5	<0.5	<0.5
	07/16/91	<50	<0.5	<0.5	<0.5	<0.5
	10/08/91	<50	<0.5	<0.5	<0.5	<0.5
	02/04/92	<50	<0.5	<0.5	<0.5	<0.5
	04/06/92	50	<0.5	<0.5	<0.5	<0.5
	08/26/92	<50	<0.5	<0.5	<0.5	<0.5
	11/12/92	<50	<0.5	<0.5	<0.5	<0.5
MW-2	02/09/90	8,600	360	410	6.5	670
	04/20/90	9,100	500	330	110	900
	07/31/90	5,300	550	38	<0.5	280
	10/25/90	4,800	490	22	21	156
	01/15/91	5,700	320	29	120	530
	04/19/91	3,900	100	77	100	93
	07/16/91	1,800	100	5.8	41	31
	07/16/91	2,700	130	7.6	62	45
	10/08/91	1,000	17	<0.5	25	25
	02/04/92	1,700	190	5.8	18	110
	04/06/92	3,800	930	50	110	190
	05/03/92	2,400	610	8.8	90	<0.5
	08/26/92	520	36	2.0	12	7.9
	08/26/92(D)	450	33	1.7	11	3.4
	11/12/92	310	30	6.2	5.1	4.3
	11/12/92(D)	360	31	6.5	5.1	4.4
MW-3	02/09/90	<1,000	<0.5	<0.5	<0.5	<0.5
	04/20/90	<50	<0.5	<0.5	<0.5	<0.5
	07/31/90	<50	<0.5	<0.5	<0.5	<0.5
	10/25/90	<50	<0.5	<0.5	<0.6	<0.6
	01/15/91	<50	<0.5	<0.5	<0.5	<0.5
	04/19/91	<50	<0.5	<0.5	<0.5	<0.5
	07/16/91	<50	<0.5	<0.5	<0.5	<0.5
	10/08/91	<50	<0.5	<0.5	<0.5	<0.5
	02/04/92	<50	4	2	7	3.2
	04/06/92	<50	<0.5	<0.5	<0.5	<0.5
	08/26/82	<50	<0.5	<0.5	<0.5	<0.5
	11/12/92	<50	<0.5	<0.5	<0.5	<0.5

Table 2 (continued)
Summary of Groundwater Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

Former Shell Service Station
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
MW-5	02/09/90	<1,000	<0.5	<0.5	<0.5	<0.5
	04/20/90	<50	<0.5	<0.5	<0.5	<0.5
	07/31/90	<50	<0.5	<0.5	<0.5	<0.5
	10/25/90	<50	<0.5	<0.7	<0.6	<0.6
	01/15/91	<50	<0.5	<0.5	<0.5	<0.5
	04/19/91	<50	<0.5	<0.5	<0.5	<0.5
	07/16/91	<50	<0.5	<0.5	<0.5	<0.5
	10/08/91	<50	<0.5	<0.5	<0.5	<0.5
	02/04/92	<50	<0.5	<0.5	<0.5	<0.5
	04/06/92	<50	<0.5	<0.5	<0.5	<0.5
	08/26/92	<50	<0.5	<0.5	<0.5	<0.5
	11/12/92	<50	<0.5	<0.5	<0.5	<0.5
OMW-6	07/16/91	<50	<0.5	<0.5	<0.5	<0.5
	10/08/91	<50	<0.5	<0.5	<0.5	<0.5
	02/04/92	<50	<0.5	<0.5	<0.5	<0.5
	04/06/92	<50	<0.5	<0.5	<0.5	<0.5
	08/26/92	<50	<0.5	<0.5	<0.5	<0.5
	11/12/92	<50	<0.5	<0.5	<0.5	<0.5
MW-7	07/16/91	1,300	440	140	6.9	160
	10/08/91	520	230	36	26	54
	02/04/92	640	130	51	26	79
	04/06/92	80	32	1.7	2.3	4.4
	05/13/92	<50	3.1	1.7	0.9	3.8
	08/26/92	63	1.0	<0.5	2.6	<0.5
	11/12/92	73	11	<0.5	3.7	<0.5
OMW-8	07/16/91	<50	<0.5	0.8	<0.5	<0.5
	10/08/91	<50	<0.5	<0.5	<0.5	<0.5
	02/04/92	<50	0.9	1.9	0.6	3.6
	04/06/92	<50	<0.5	<0.5	<0.5	<0.5
	08/26/92	<50	<0.5	<0.5	<0.5	<0.5
	11/12/92	<50	<0.5	<0.5	<0.5	<0.5

ppb = Parts per billion
(D) = Duplicate sample

Table 3
Groundwater Analytical Data
Total Petroleum Hydrocarbons
(TPH as Diesel and Motor Oil)

Former Shell Service Station
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California

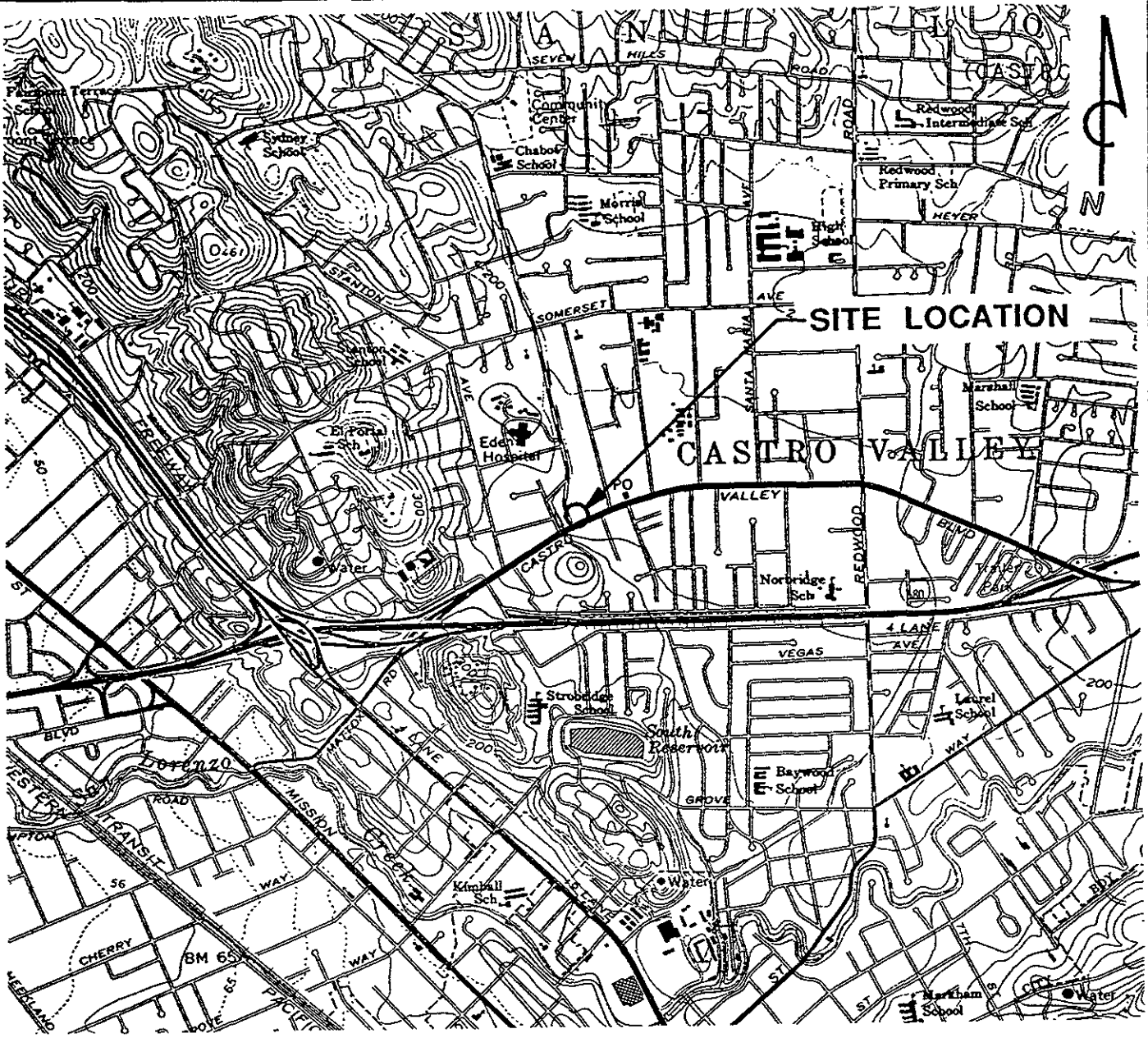
Well Number	Date Sampled	TPH as Diesel (ppb)	Motor Oil (ppb)
MW-1	02/09/90	NA	NA
	04/20/90	NA	NA
	07/31/90	NA	NA
	10/25/90	<50	NA
	01/15/91	<50	NA
	01/15/91	<50	NA
	04/19/91	<50	NA
	04/19/91	<50	NA
	07/16/91	<50	<50
	10/08/91	<50	<50
	02/04/92	<50	NA
	04/06/92	<50	NA
	08/26/92	51	NA
	11/12/92	<50	NA
MW-2	02/09/90	4,100	NA
	04/20/90	1,800	NA
	07/31/90	60	NA
	10/25/90	300	NA
	01/15/91	680	NA
	04/19/91	306	NA
	07/16/91	430	<50
	07/16/91	540	<50
	10/08/91	110	<50
	02/04/92	870	NA
	04/06/92	1,000	NA
	05/13/92	570	NA
	08/26/92	63	NA
	08/26/92(D)	63	NA
	11/12/92	160	NA
	11/12/92(D)	180	NA
MW-3	02/09/90	NA	NA
	04/20/90	NA	NA
	07/31/90	NA	NA
	10/25/90	<50	NA
	01/15/91	<50	NA
	04/19/91	<50	NA
	07/16/91	<50	1,400
	10/08/91	<50	<50
	02/04/92	<50	NA
	04/06/92	<50	NA
	08/24/92	<50	NA
	11/12/92	<50	NA

Table 3 (continued)
Groundwater Analytical Data

Former Shell Service Station
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California

Well Number	Sample Date	TPH-d (ppb)	Motor Oil (ppb)
MW-5	02/09/90	NA	NA
	04/20/90	NA	NA
	07/31/90	NA	NA
	10/25/90	<50	NA
	01/15/91	<50	NA
	04/19/91	<50	NA
	07/16/91	<50	<50
	10/08/91	<50	<50
	02/04/92	<50	NA
	04/06/92	<50	NA
	08/26/92	<50	NA
	11/12/92	<50	NA
OMW-6	07/16/91	<50	<50
	10/08/91	<50	<50
	02/04/92	<50	NA
	04/06/92	<50	NA
	08/26/92	<50	NA
	11/12/92	<50	NA
MW-7	07/16/92	270	1,100
	10/08/92	<50	<50
	02/04/92	140**	NA
	04/06/92	<50	NA
	05/13/92	<50	NA
	08/26/92	<50	NA
	11/12/92	<50	NA
OMW-8	07/16/91	<50	<50
	10/08/91	<50	<50
	02/04/92	<50	NA
	04/06/92	<50	NA
	08/26/92	<50	NA
	11/12/92	<50	NA

ppb = Parts per billion
NA = Not Analyzed
NS = Not Sampled
(D) = Duplicate sample
* Did not match motor oil chromatographic pattern. Wax-like pattern present.
** The positive result for TPH-d analysis on this sample appears to be lighter hydrocarbon than diesel.
See individual analytical reports for detection limits.



QUADRANGLE LOCATION

REFERENCES:
USGS 7.5 MIN. TOPOGRAPHIC MAP
TITLED: HAYWARD, CALIFORNIA
DATED: 1959 REVISED: 1980

SCALE

2000 0 2000 FEET

PACIFIC ENVIRONMENTAL GROUP INC.

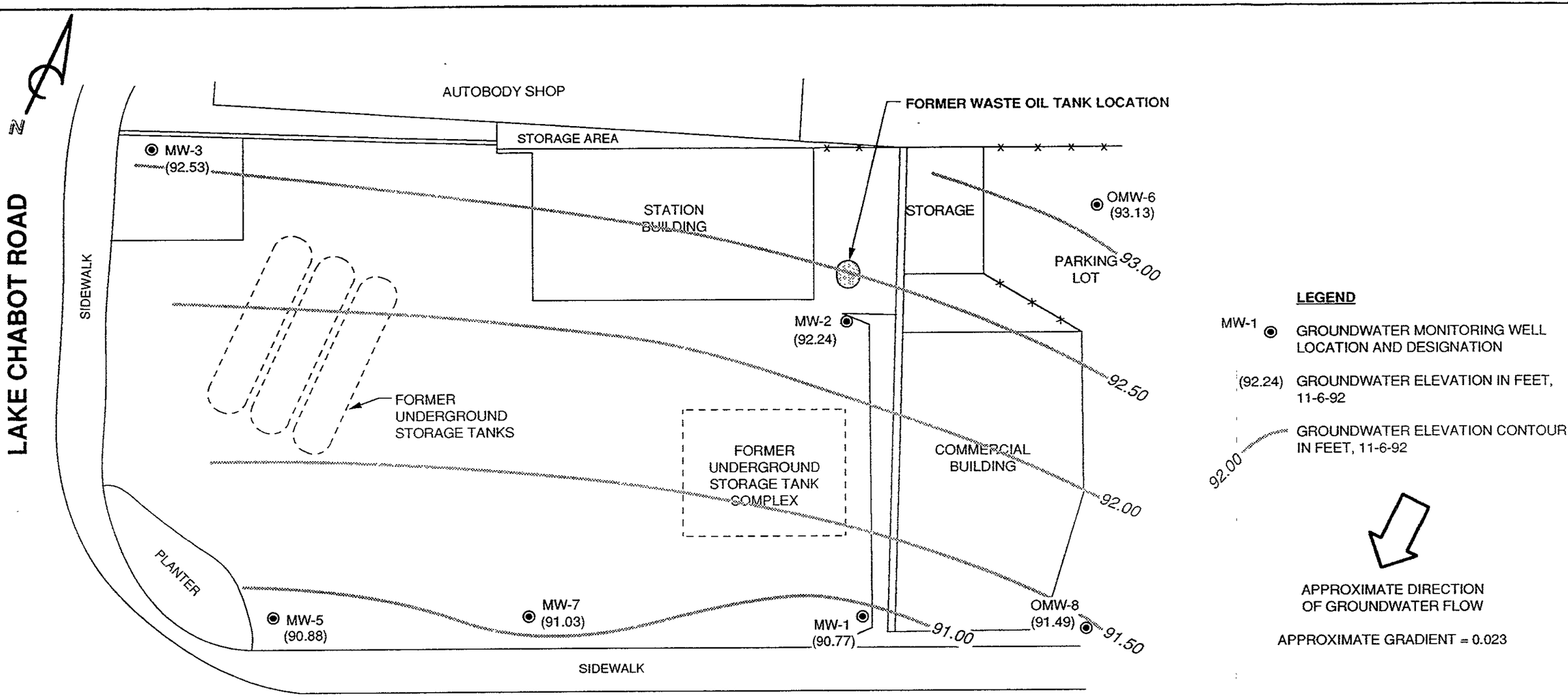
FORMER SHELL SERVICE STATION
2724 Castro Valley Boulevard at Lake Chabot Road
Castro Valley, California

SITE LOCATION MAP

FIGURE: 1

PROJECT: 305-94.01

REORDER NO A54081



PACIFIC ENVIRONMENTAL GROUP, INC.

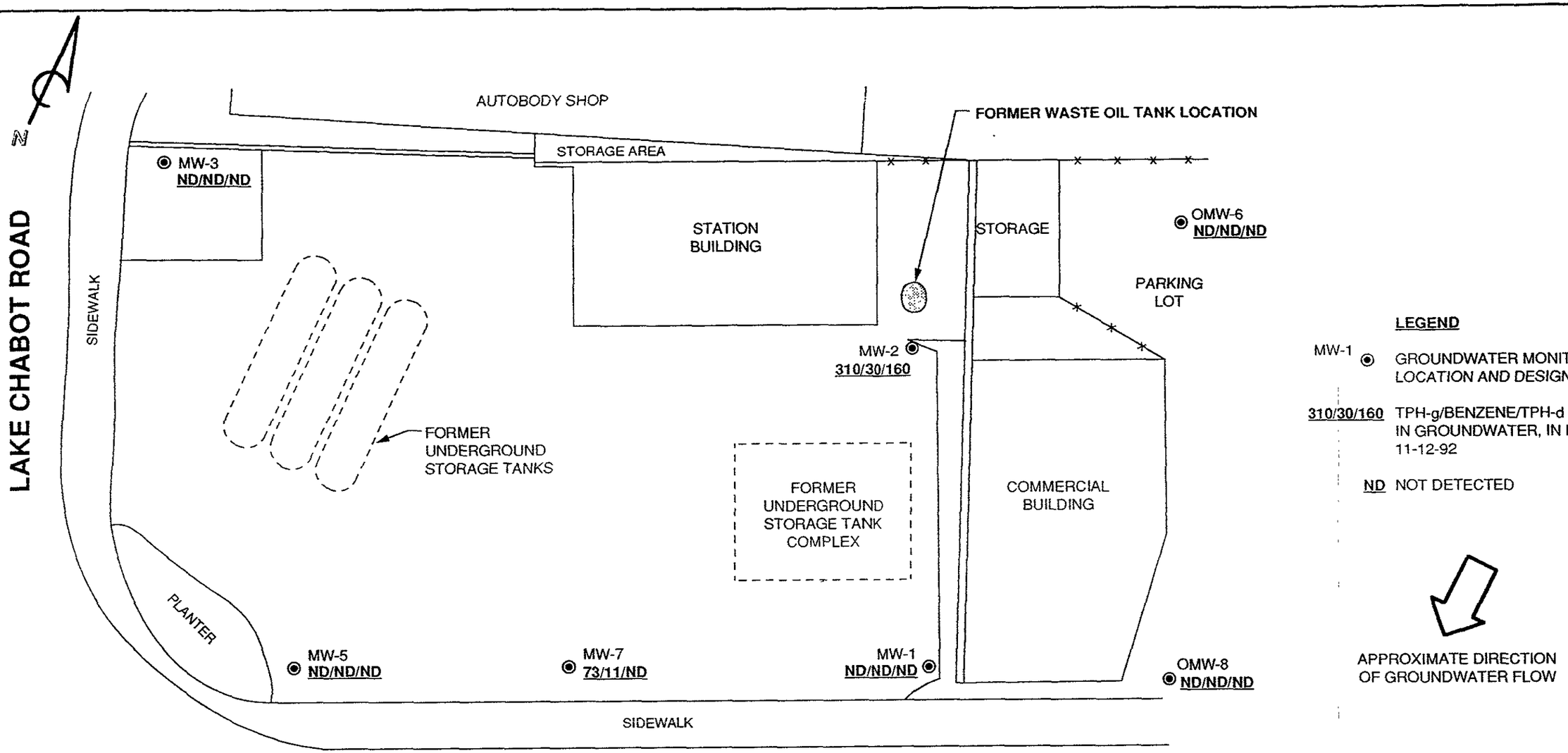
SCALE
0 20 40 FEET

FORMER SHELL SERVICE STATION
2724 Castro Valley Boulevard at Lake Chabot Road,
Castro Valley, California

GROUNDWATER ELEVATION CONTOUR MAP

FIGURE: **2**
PROJECT: 305-94.01

12/31/92



PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
0 20 40 FEET

FORMER SHELL SERVICE STATION
2724 Castro Valley Boulevard at Lake Chabot Road,
Castro Valley, California

TPH-g /BENZENE/TPH-d CONCENTRATION MAP

FIGURE: 3
PROJECT: 305-94.01

12/31/92

ATTACHMENT A

GROUNDWATER SAMPLING REPORT

EMCON
ASSOCIATES
Consultants in Wastes
Management and
Environmental Control

RECEIVED
DEC 03 1992
PACIFIC ENVIRONMENTAL GROUP, INC

November 30, 1992
Project: 0G67-068.01
WIC#: 204-1381-0407

Ms. Rhonda Barrick
Pacific Environmental Group, Inc.
2025 Gateway Place, Suite 440
San Jose, California 95110

Re: Fourth quarter 1992 ground-water monitoring report, Shell Oil Company, 2724 Castro Valley Boulevard, Castro Valley, California

Dear Ms. Barrick:

This letter presents the results of the fourth quarter 1992 ground-water monitoring event for the Shell Oil Company (Shell) site located at 2724 Castro Valley Boulevard, Castro Valley, California (figure 1). Fourth quarter monitoring was conducted on November 6 and 12, 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 2 (supplied by Converse Environmental West). During the survey, wells MW-1, MW-2, MW-3, MW-5, OMW-6, MW-7, and OMW-8 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 fourth 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, MW-2, MW-3, MW-5, OMW-6, MW-7, and OMW-8 on November 12, 1992. Prior to sample collection, the wells were purged with polyvinyl chloride bailers. 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. Wells MW-5 and OMW-8 were evacuated to dryness before the removal of three casing volumes. The wells were allowed to recharge for up to 24 hours. Samples were collected after the wells had recharged to a sufficient level. Field measurements from fourth quarter monitoring, and

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

available measurements 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.

Ground-water samples were collected with a Teflon® bailer, labeled, placed on ice, and transported to Anametrix Inc. 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 with deionized water prior to use at each well.

Quality control samples for fourth quarter monitoring included a trip blank (TB), a field blank (FB), and a duplicate well sample (MW-2D) collected from well MW-2. All water samples collected during fourth quarter monitoring were analyzed for total petroleum hydrocarbons as gasoline (TPH-g); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and total petroleum hydrocarbons as diesel (TPH-d).

ANALYTICAL RESULTS

Analytical results for the fourth quarter 1992 monitoring event, and available results from four previous monitoring events, are summarized in table 2. The original certified analytical report and 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
Figure 1 - Site location
Figure 2 - Site Map
Certified analytical report
Chain-of-custody document

Table 1
Monitoring Well Field Measurement Data
Fourth Quarter 1992

Shell Station: 2724 Castro Valley Boulevard
Castro Valley, California
WIC #: 204-1381-0407

Date: 12/02/92
Project Number: 067-68.01

Well Designation	Water Level Field Date	TOC Elevation (ft-PSD)	Depth to Water (feet)	Groundwater Elevation (ft-PSD)	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	04/19/91	99.78	5.58	94.20	NR	ND	04/19/91	NR	NR	NR	NR
MW-1	07/16/91	99.78	7.58	92.20	NR	ND	07/16/91	NR	NR	NR	NR
MW-1	10/08/91	99.78	8.25	91.53	15.3	ND	10/08/91	7.18	1350	21.3^	NR
MW-1	08/26/92	99.78	9.23	90.55	14.3	ND	08/26/92	7.31	1410	75.2	365
MW-1	11/06/92	99.78	9.01	90.77	14.3	ND	11/12/92	7.35	1560	72.3	169
MW-2	04/19/91	100.83	6.90	93.93	NR	ND	04/19/91	NR	NR	NR	NR
MW-2	07/16/91	100.83	9.01	91.82	NR	ND	07/16/91	NR	NR	NR	NR
MW-2	10/08/91	100.83	8.82	92.01	14.9	ND	10/08/91	7.10	1310	21.0^	NR
MW-2	08/26/92	100.83	8.74	92.09	14.8	ND	08/26/92	7.70	1828	74.3	129
MW-2	11/06/92	100.83	8.59	92.24	14.8	ND	11/12/92	7.38	1278	62.6	904
MW-3	04/19/91	101.48	7.92	93.56	NR	ND	04/19/91	NR	NR	NR	NR
MW-3	07/16/91	101.48	9.40	92.08	NR	ND	07/16/91	NR	NR	NR	NR
MW-3	10/08/91	101.48	9.62	91.86	24.4	ND	10/08/91	7.26	1900	23.6^	NR
MW-3	08/26/92	101.48	9.31	92.17	25.2	ND	08/26/92	7.72	3270	80.5	>1000
MW-3	11/06/92	101.48	8.95	92.53	25.3	ND	11/12/92	7.24	3570	62.4	>1000
MW-5	04/19/91	99.90	6.52	93.38	NR	ND	04/19/91	NR	NR	NR	NR
MW-5	07/16/91	99.90	9.12	90.78	NR	ND	07/16/91	NR	NR	NR	NR
MW-5	10/08/91	99.90	9.22	90.68	22.8	ND	10/08/91	7.42	1890	21.3^	NR
MW-5	08/26/92	99.90	8.96	90.94	22.4	ND	08/26/92	7.40	1829	76.3	109
MW-5	11/06/92	99.90	9.02	90.88	22.7	ND	11/12/92	7.46	2020	69.0	>1000

TOC = top of casing
ft-PSD = elevation in feet, relative to project site datum
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
^ = Temperature measured in degrees centigrade

Table 1
Monitoring Well Field Measurement Data
Fourth Quarter 1992

Shell Station: 2724 Castro Valley Boulevard
Castro Valley, California
WIC #: 204-1381-0407

Date: 12/02/92
Project Number: 067-68.01

Well Designation	Water Level Field Date	TOC Elevation (ft-PSD)	Depth to Water (feet)	Groundwater Elevation (ft-PSD)	Total Well Depth (feet)	Floating Product Thickness (feet)	Water Sample Field Date	pH (std. units)	Electrical Conductivity (micromhos/cm)	Temperature (degrees F)	Turbidity (NTU)
OMW-6	07/16/91	101.48	8.60	92.88	NR	ND	07/16/91	NR	NR	NR	NR
OMW-6	10/08/91	101.48	8.82	92.66	21.8	ND	10/08/91	7.39	2750	19.7^	NR
OMW-6	08/26/92	101.48	8.63	92.85	22.1	ND	08/26/92	7.20	2700	78.0	563
OMW-6	11/06/92	101.48	8.29	93.19	22.1	ND	11/12/92	7.27	2560	69.9	632
MW-7	07/16/91	99.54	8.70	90.84	NR	ND	07/16/91	NR	NR	NR	NR
MW-7	10/08/91	99.54	8.74	90.80	20.0	ND	10/08/91	7.00	1690	19.6^	NR
MW-7	08/26/92	99.54	8.61	90.93	20.3	ND	08/26/92	7.28	1418	69.1	151
MW-7	11/06/92	99.54	8.51	91.03	20.2	ND	11/12/92	7.25	1440	68.3	>1000
OMW-8	07/16/91	100.18	8.40	91.78	NR	ND	07/16/91	NR	NR	NR	NR
OMW-8	10/08/91	100.18	8.74	91.44	19.7	ND	10/08/91	7.47	1150	20.1^	NR
OMW-8	08/26/92	100.18	8.78	91.40	19.8	ND	08/26/92	6.26	1160	75.0	157
OMW-8	11/06/92	100.18	8.69	91.49	20.0	ND	11/12/92	7.51	1129	62.8	>1000

TOC = top of casing
ft-PSD = elevation in feet, relative to project site datum
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
^ = Temperature measured in degrees centigrade

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

Shell Station: 2724 Castro Valley Boulevard
Castro Valley, California
WIC #: 204-1381-0407

Date: 11/27/92
Project Number: 067-68.01

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)	TPH-mo (mg/l)
MW-1	04/19/91	<0.05	0.0077	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-1	07/16/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.5
MW-1	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.5
MW-1	08/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	0.051	NA
MW-1	11/12/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-2	04/19/91	3.9	0.10	0.077	0.100	0.093	0.36	NA
MW-2	07/16/91	1.8	0.100	0.0058	0.041	0.031	0.43	<0.5
MW-2	10/08/91	1.0	0.017	<0.0005	0.025	0.025	0.11	<0.5
MW-2	08/26/92	0.52	0.036	0.0020	0.012	0.0079	0.063*	NA
MW-2	11/12/92	0.31	0.030	0.0062	0.0051	0.0043	0.16	NA
MW-2D	08/26/92	0.45	0.033	0.0017	0.011	0.0034	0.063*	NA
MW-2D	11/12/92	0.36	0.031	0.0065	0.0051	0.0044	0.18	NA
MW-3	04/19/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-3	07/16/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	1.4
MW-3	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.5
MW-3	08/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-3	11/12/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA

TPH-g = total petroleum hydrocarbons as gasoline
TPH-d = total petroleum hydrocarbons as diesel
TPH-mo = total petroleum hydrocarbons as motor oil
NA = Not analyzed
* = Concentration reported as diesel is primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene

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

Shell Station: 2724 Castro Valley Boulevard
Castro Valley, California
WIC #: 204-1381-0407

Date: 11/27/92
Project Number: G67-68.01

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)	TPH-mo (mg/l)
MW-5	04/19/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-5	07/16/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.5
MW-5	10/08/91	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.5
MW-5	08/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-5	11/12/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
OMW-6	07/16/91	NR	NR	NR	NR	NR	NR	NR
OMW-6	10/08/91	NR	NR	NR	NR	NR	NR	NR
OMW-6	08/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
OMW-6	11/12/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
MW-7	07/16/91	NR	NR	NR	NR	NR	NR	NR
MW-7	10/08/91	NR	NR	NR	NR	NR	NR	NR
MW-7	08/26/92	0.063	0.0010	<0.0005	0.0026	<0.0005	<0.05	NA
MW-7	11/12/92	0.073	0.011	<0.0005	0.0037	<0.0005	<0.05	NA
OMW-8	07/16/91	NR	NR	NR	NR	NR	NR	NR
OMW-8	10/08/91	NR	NR	NR	NR	NR	NR	NR
OMW-8	08/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
OMW-8	11/12/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
FB	08/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
FB	11/12/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA

TPH-g = total petroleum hydrocarbons as gasoline
TPH-d = total petroleum hydrocarbons as diesel
TPH-mo = total petroleum hydrocarbons as motor oil
NA = Not analyzed
NR = Not reported; data not available

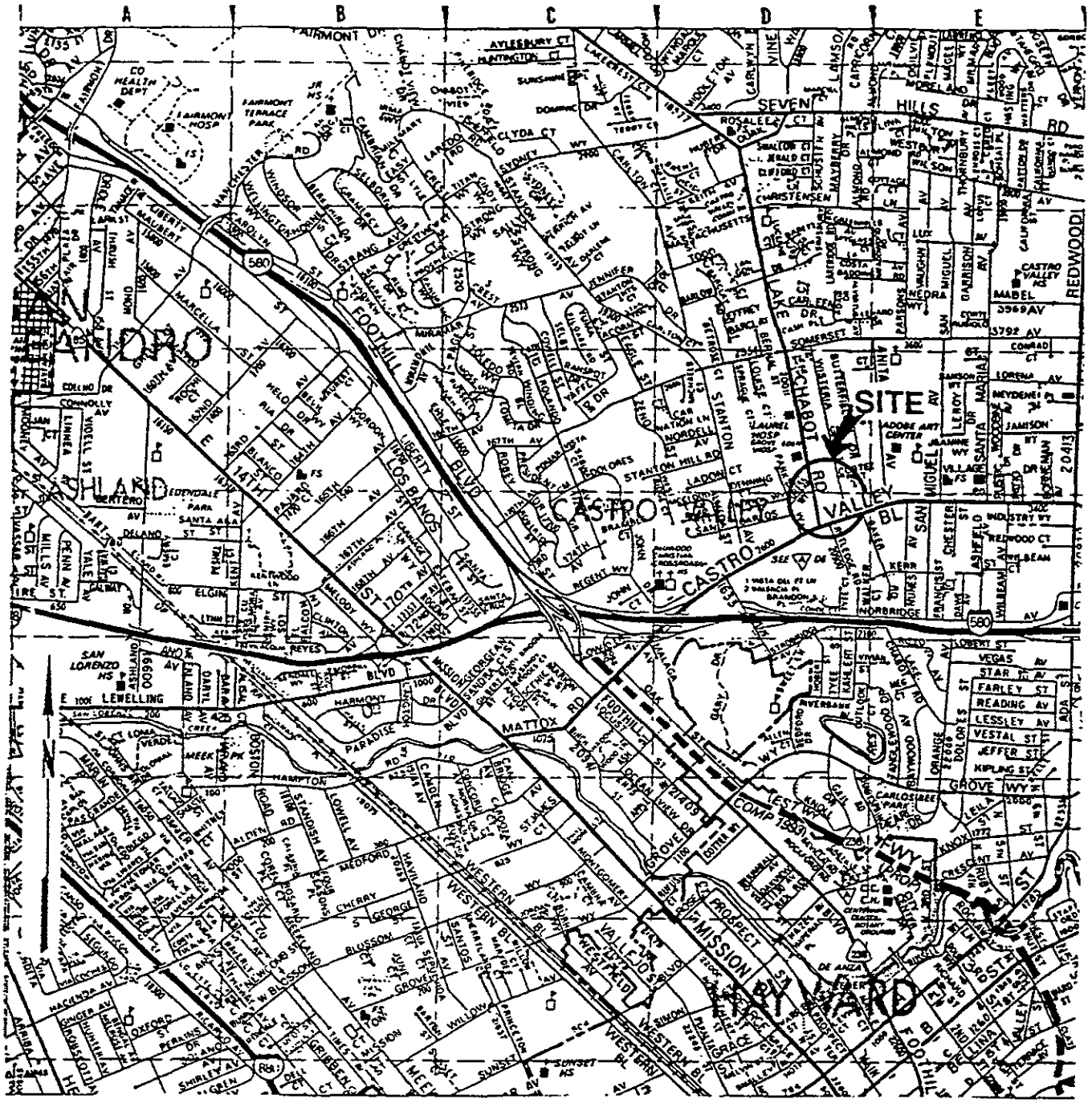
Table 2
Summary of Analytical Results
Fourth Quarter 1992
milligrams per liter (mg/l) or parts per million (ppm)

Shell Station: 2724 Castro Valley Boulevard
Castro Valley, California
WIC #: 204-1381-0407

Date: 11/27/92
Project Number: G67-68.01

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)	TPH-mo (mg/l)
TB	08/26/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA
TB	11/12/92	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	NA

TPH-g = total petroleum hydrocarbons as gasoline
TPH-d = total petroleum hydrocarbons as diesel
TPH-mo = total petroleum hydrocarbons as motor oil
NA = Not analyzed

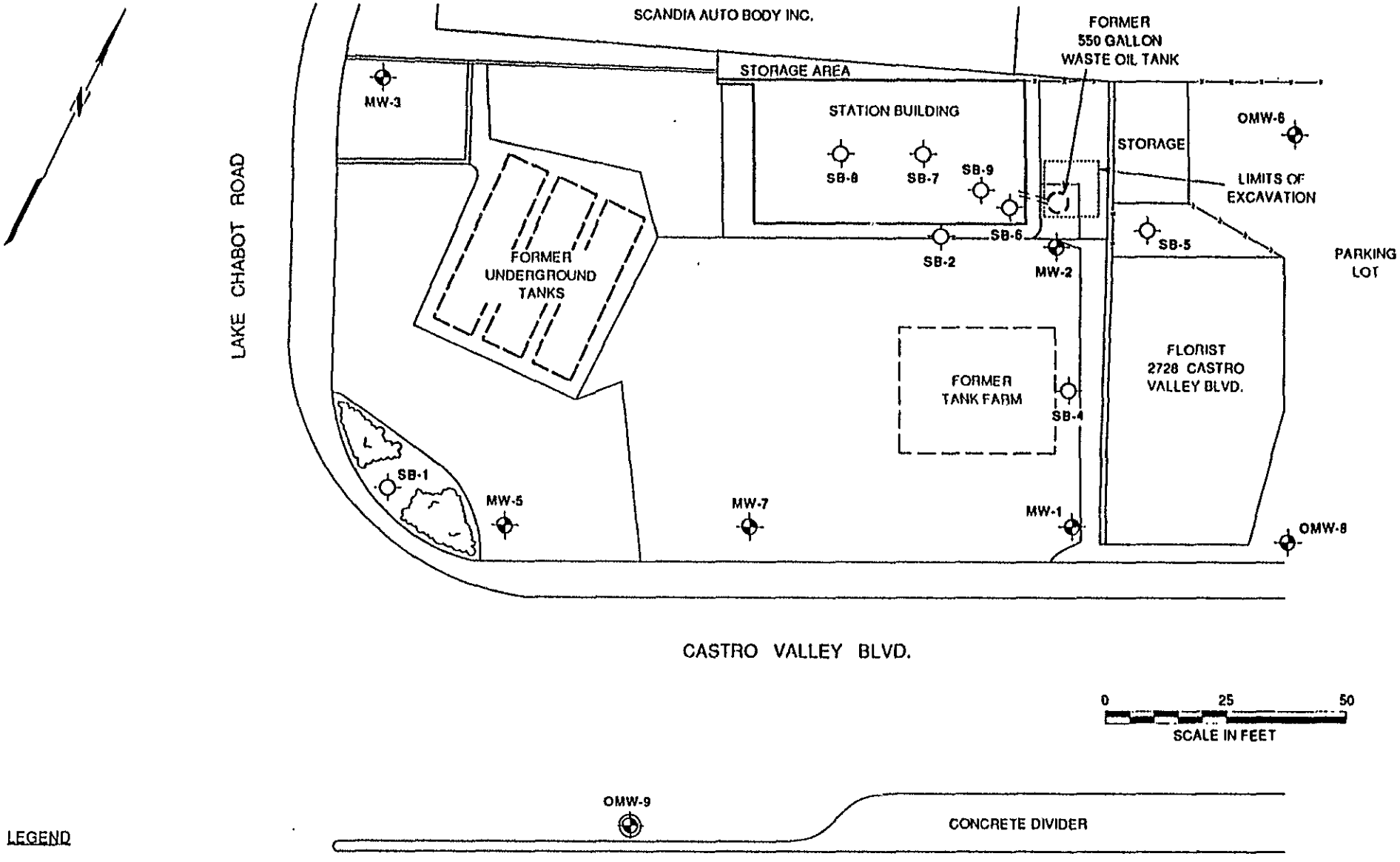


SITE LOCATION MAP

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Scale: AS SHOWN	Project No.: 89-44-380-20
Prepared by: LQL	Date: 6/8/90
Checked by: MCC	Drawing No.: 1
Approved by: CRC	

Converse Environmental West



LEGEND

SB-1 SOIL BORING (locations approximate)

MW-1 GROUNDWATER MONITORING WELL

OMW-9 PROPOSED OFFSITE GROUNDWATER MONITORING WELL

Base Map: Surveyed with electronic distance meter by CEW, 1990.

PLOT PLAN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental West

Scale: AS SHOWN	Project No.: 88-44-380-20
Prepared by: LQL	Date: 10/24/91
Checked by: DS	Drawing No.: 2
WIC Number: 204 1381-0407	

ANAMETRIX INC
Environmental & Analytical Chemistry

Part of INCHCAPE ENVIRONMENTAL

REPORT

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9211187
Date Received : 11/12/92
Project ID : 204-1381-0407
Purchase Order: MOH-B813

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9211187- 1	OMW-6
9211187- 2	OMW-8
9211187- 3	MW-1
9211187- 4	MW-3
9211187- 5	MW-5
9211187- 6	MW-2
9211187- 7	MW-7
9211187- 8	MW-2D
9211187- 9	TB
9211187-10	FB

This report consists of 9 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Director

11-23-92
Date

EMCON ASSOCIATES

NOV 2 4 1992

RECEIVED

1961 Concourse Drive Suite E • San Jose, CA 95131 • Phone (408) 432-8192 • Fax (408) 432-8198

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9211187
Date Received : 11/12/92
Project ID : 204-1381-0407
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9211187- 1	OMW-6	WATER	11/12/92	TPHd
9211187- 2	OMW-8	WATER	11/12/92	TPHd
9211187- 3	MW-1	WATER	11/12/92	TPHd
9211187- 4	MW-3	WATER	11/12/92	TPHd
9211187- 5	MW-5	WATER	11/12/92	TPHd
9211187- 6	MW-2	WATER	11/12/92	TPHd
9211187- 7	MW-7	WATER	11/12/92	TPHd
9211187- 8	MW-2D	WATER	11/12/92	TPHd
9211187- 9	TB	WATER	11/12/92	TPHd
9211187-10	FB	WATER	11/12/92	TPHd
9211187- 1	OMW-6	WATER	11/12/92	TPHg/BTEX
9211187- 2	OMW-8	WATER	11/12/92	TPHg/BTEX
9211187- 3	MW-1	WATER	11/12/92	TPHg/BTEX
9211187- 4	MW-3	WATER	11/12/92	TPHg/BTEX
9211187- 5	MW-5	WATER	11/12/92	TPHg/BTEX
9211187- 6	MW-2	WATER	11/12/92	TPHg/BTEX
9211187- 7	MW-7	WATER	11/12/92	TPHg/BTEX
9211187- 8	MW-2D	WATER	11/12/92	TPHg/BTEX
9211187- 9	TB	WATER	11/12/92	TPHg/BTEX
9211187-10	FB	WATER	11/12/92	TPHg/BTEX

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9211187
Date Received : 11/12/92
Project ID : 204-1381-0407
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Cheryl Balmer 11/20/92
Department Supervisor Date

Steve Sun 11/23/92
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9211187
Matrix : WATER
Date Sampled : 11/12/92

Project Number : 204-1381-0407
Date Released : 11/20/92

	Reporting Limit	Sample I.D.# OMW-6	Sample I.D.# OMW-8	Sample I.D.# MW-1	Sample I.D.# MW-3	Sample I.D.# MW-5
COMPOUNDS	(mg/L)	-01	-02	-03	-04	-05
Benzene	0.0005	ND	ND	ND	ND	ND
Toluene	0.0005	ND	ND	ND	ND	ND
Ethylbenzene	0.0005	ND	ND	ND	ND	ND
Total Xylenes	0.0005	ND	ND	ND	ND	ND
TPH as Gasoline	0.050	ND	ND	ND	ND	ND
% Surrogate Recovery		57%	56%	119%	54%	119%
Instrument I.D.		HP21	HP21	HP21	HP21	HP21
Date Analyzed		11/17/92	11/17/92	11/18/92	11/17/92	11/18/92
RLMF		1	1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 11/23/92 Date

Supervisor Cheryl Balmer 11/20/92 Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9211187
Matrix : WATER
Date Sampled : 11/12/92

Project Number : 204-1381-0407
Date Released : 11/20/92

	Reporting Limit	Sample I.D.# MW-2	Sample I.D.# MW-7	Sample I.D.# MW-2D	Sample I.D.# TB	Sample I.D.# FB
COMPOUNDS	(mg/L)	-06	-07	-08	-09	-10
Benzene	0.0005	0.030	0.011	0.031	ND	ND
Toluene	0.0005	0.0062	ND	0.0065	ND	ND
Ethylbenzene	0.0005	0.0051	0.0037	0.0051	ND	ND
Total Xylenes	0.0005	0.0043	ND	0.0044	ND	ND
TPH as Gasoline	0.050	0.31	0.073	0.36	ND	ND
% Surrogate Recovery		93%	99%	93%	70%	67%
Instrument I.D.		HP21	HP21	HP21	HP21	HP21
Date Analyzed		11/18/92	11/18/92	11/18/92	11/16/92	11/16/92
RLMF		2	1	2	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Steve Ames 11/23/92
Analyst Date

Cheryl Balmer 11/20/92
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9211187
Matrix : WATER
Date Sampled : N/A

Project Number : 204-1381-0407
Date Released : 11/20/92

COMPOUNDS	Reporting Limit (mg/L)	Sample I.D.# BN1601E3 BLANK	Sample I.D.# BN1701E3 BLANK	Sample I.D.# BN1801E3 BLANK
Benzene	0.0005	ND	ND	ND
Toluene	0.0005	ND	ND	ND
Ethylbenzene	0.0005	ND	ND	ND
Total Xylenes	0.0005	ND	ND	ND
TPH as Gasoline	0.050	ND	ND	ND
% Surrogate Recovery		120%	82%	94%
Instrument I.D.		HP21	HP21	HP21
Date Analyzed		11/16/92	11/17/92	11/18/92
RLMF		1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Steve Ana 11/23/92
Analyst Date

Cheryl Balmer 11/20/92
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9211187
Matrix : WATER
Date Sampled : 11/12/92
Date Extracted: 11/16-17/92

Project Number : 204-1381-0407
Date Released : 11/20/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/L)	Amount Found (mg/L)
9211187-01	OMW-6	11/17/92	0.050	ND
9211187-02	OMW-8	11/17/92	0.050	ND
9211187-03	MW-1	11/17/92	0.050	ND
9211187-04	MW-3	11/17/92	0.050	ND
9211187-05	MW-5	11/17/92	0.050	ND
9211187-06	MW-2	11/17/92	0.050	0.16
9211187-07	MW-7	11/17/92	0.050	ND
9211187-08	MW-2D	11/17/92	0.050	0.18
9211187-09	TB	11/17/92	0.050	ND
9211187-10	FB	11/17/92	0.050	ND
DWBL111692	METHOD BLANK	11/16/92	0.050	ND
DWBL111792	METHOD BLANK	11/17/92	0.050	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 0.050 mg/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Steve Sims 11/23/92
Analyst Date

Cheryl Bauman 11/23/92
Supervisor Date

BTEX LABORATORY CONTROL SAMPLE REPORT
EPA METHOD 5030 WITH GC/PID
ANAMETRIX, INC. (408) 432-8192

Sample I.D.	: LAB CONTROL SAMPLE	Anametrix I.D.	: LCSW1116
Matrix	: WATER	Analyst	:
Date Sampled	: N/A	Supervisor	:
Date Analyzed	: 11/16/92	Date Released	: 11/19/92
		Instrument ID	: HP21

COMPOUND	SPIKE AMT. (mg/L)	LCS (mg/L)	REC LCS	%REC LIMITS
Benzene	0.010	0.010	100%	49-159
Toluene	0.010	0.011	110%	53-156
Ethylbenzene	0.010	0.011	110%	54-151
TOTAL Xylenes	0.010	0.012	120%	56-157
P-BFB			96%	53-147

* Limits established by Anametrix, Inc.

TOTAL EXTRACTABLE HYDROCARBON LABORATORY CONTROL SAMPLE REPORT
EPA METHOD 3510 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D.	: LAB CONTROL SAMPLE	Anametrix I.D.	: LCSW1116
Matrix	: WATER	Analyst	:
Date Sampled	: N/A	Supervisor	:
Date Extracted	: 11/16/92	Date Released	: 11/20/92
Date Analyzed	: 11/17/92	Instrument I.D.	: HP23

COMPOUND	SPIKE AMT (mg/L)	LCS REC (mg/L)	% REC LCS	LCSD REC (mg/L)	% REC LCSD	RPD	% REC LIMITS
DIESEL	1.25	0.91	73%	1.00	80%	9%	63-130

*Quality control established by Anametrix, Inc.

TOTAL EXTRACTABLE HYDROCARBON LABORATORY CONTROL SAMPLE REPORT
EPA METHOD 3510 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D.	: LAB CONTROL SAMPLE	Anametrix I.D.	: LCSW1117
Matrix	: WATER	Analyst	:
Date Sampled	: N/A	Supervisor	:
Date Extracted	: 11/17/92	Date Released	: 11/20/92
Date Analyzed	: 11/17/92	Instrument I.D.	: HP23

COMPOUND	SPIKE AMT (mg/L)	LCS REC (mg/L)	% REC LCS	LCSD REC (mg/L)	% REC LCSD	RPD	% REC LIMITS
DIESEL	1.25	1.20	96%	1.20	96%	0%	63-130

*Quality control established by Anametrix, Inc.

4211187 (18) (10/24) 15:35 MB

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No:

Date: 11-12-92
Page 1 of 2

Site Address: 2724 Castro Valley Blvd
Castro Valley, CA

WIC#: 204-1381-0407

Shell Engineer: Paul Hayes
Phone No.: (510)
Fax #: 675-6169

Consultant Name & Address: 1938 Junction Avenue
EMCON Associates San Jose, CA 95131

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

Comments: 3-VOAs (HCl) for gas, BTEX
2-Liter Glass (SR) for diesel

Sampled by: Kevin Reichelderfer

Printed Name: KEVIN REICHELDERFER

LAB: Anametrix

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
Quarterly Monitoring	X 6441	24 hours ☐
Site Investigation	☐ 6441	48 hours ☐
Soil Classify/Disposal	☐ 6442	15 days X (Normal)
Water Classify/Disposal	☐ 6443	Other ☐
Soil/Air Rem. or Sys. O & M	☐ 6452	NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.
Water Rem. or Sys. O & M	☐ 6453	
Other	☐	

Analysis Required

	Sample ID	Date	Sludge	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	Combination TPH 8015 & BTEX 8020 gasoline			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
(1)	OMW-6	11-12-92			X		5		X				X				40 ml	HCl	No		
(2)	OMW-8				X		5		X				X								
(3)	MW-1				X		5		X				X								
(4)	MW-3				X		5		X				X								
(5)	MW-5				X		5		X				X								
(6)	MW-2				X		5		X				X								
(7)	MW-7				X		5		X				X								
(8)	MW-2D				X		5		X				X								

Relinquished By (signature): Kevin Reichelderfer	Printed Name: KEVIN REICHELDERFER	Date: 11-12-92 Time: 1500	Received (signature):	Printed Name: Maria Barajas	Date: 11/12/92 Time: 15:00
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

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

Rev. 02/91

Shell Oil Co. COC

9211187 (18) (10/24) 15:35 MB

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 11-12-92

Site Address: 2724 Castro Valley Blvd Castro Valley, CA

WIC#: 204-1381-0407

Shell Engineer: Paul Mayes — **Phone No.:** (510) **Fax #:** 675-6169

Consultant Name & Address: 1938 Junction Avenue EMCON Associates San Jose, CA 95131

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

Comments: See page 1.

Sampled by: Kevin Reichelderfer

Printed Name: KEVIN REICHELDERFER

LAB: Anametrix

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
Quarterly Monitoring	X 6461	24 hours ☐
Site Investigation	☐ 6441	48 hours ☐
Soil Classify/Disposal	☐ 6442	15 days X (Normal)
Water Classify/Disposal	☐ 6443	Other ☐ ____
Soil/Air Rem. or Sys. O & M	☐ 6452	NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.
Water Rem. or Sys. O & M	☐ 6453	
Other	☐	

Analysis Required

Sample ID	Date	Sludge	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	Combination TPH 8015 & BTEX 8020 gasoline			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
(9) TB	11-12-92			X		4		X				X				40 ml	HCl	No		Bubbles (1)
(10) FB	↓			X		4		X				X				↓	↓	↓		

Relinquished By (signature): Kevin Reichelderfer	Printed Name: KEVIN REICHELDERFER	Date: 11-12-92 Time: 1500	Received (signature): Maria Barajas	Printed Name: Maria Barajas	Date: 11/12/92 Time: 15:00
Relinquished/By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

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

Rev 01/91

Sheet Of Chain of Custody