

Shell Oil Company



P. O. Box 5278
Concord, CA 94520-9998
(415) 685-3850

March 14, 1994

Re: Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California
WIC No 204-5508-5504

#530

Mr. Barney M. Chan
Alameda County Health Care Service
80 Swan Way, Room 200
Oakland, California 94621

Dear Mr. Chan:

Attached For your review is a report for the Shell Service Station referenced above. I declare under penalty of perjury that the information contained in the report is true and correct, to the best of my knowledge.

Sincerely,

Shell Oil Company

D. T. Kirk

Daniel T. Kirk
Area Environmental Engineer

ALCO
HAZMAT
94 MAR 17 PM 2:45



PACIFIC
ENVIRONMENTAL
GROUP, INC.

March 14, 1994
Project 305-079.2B

Mr. Dan Kirk
Shell Oil Company
P.O. Box 5278
Concord, California 94520

Re: Quarterly Report - First Quarter 1994
Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California
WIC No 204-5508-5504

Dear Mr. Kirk:

The following presents the results of the first quarter 1994 groundwater monitoring program and status of interim remediation for the site referenced above. This letter has been prepared for Shell Oil Company by Pacific Environmental Group, Inc. (PACIFIC).

REMEDIAL PROGRESS SUMMARY

Progress toward site remediation is presented in the table below.

| Analyte | Total Mass Removed (pounds) | |
|---------|---------------------------------|------------|
| | Dec. 9, 1993 to Mar. 2, 1994 | Cumulative |
| TPH-g | 138.36 | 519.42 |
| Benzene | 0.11 | 6.03 |

TPH-g = Total petroleum hydrocarbons calculated as gasoline

QUARTERLY MONITORING FINDINGS

Groundwater monitoring wells were gauged and sampled by Blaine Tech Services, Inc. (Blaine) at the direction of PACIFIC on January 6, 1994. Groundwater elevation contours for the sampling date are shown on Figure 1 and groundwater elevation data are presented in Table 1.

Total petroleum hydrocarbons calculated as gasoline (TPH-g), benzene, and TPH calculated as diesel (TPH-d) concentrations for the January 1994 sampling event are shown on Figure 2. All wells were analyzed for the presence of TPH-g, benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), TPH calculated as motor oil, and TPH-d. Corresponding groundwater analytical data are presented in Tables 2 and 3. Blaine's groundwater sampling report is presented as Attachment A.

The laboratory noted the following: TPH-d concentrations for Wells MW-1, MW-5, MW-6, MW-7, MW-9, MW-10, and the duplicate sample are primarily due to the presence of a lighter petroleum product, possibly gasoline; the TPH-g concentration for Well MW-2 is primarily due to the presence of a discrete peak not indicative of gasoline. The TPH-g concentration in Well MW-6 is due to gasoline and a discrete peak not indicative of gasoline.

REMEDIAL SYSTEM PERFORMANCE EVALUATION

Interim remedial action consisting of soil vapor extraction (SVE) is currently in progress at the site. The SVE system began operation on August 30, 1993.

Remedial System Description

The SVE system consists of a 5.0-horsepower vacuum blower connected to five SVE wells (VEW-1 through VEW-5). Extracted soil vapor is treated by catalytic oxidation before discharge to the atmosphere. A process flow diagram of the system is included as Figure 3.

Remedial System Operation

From August 30 to September 14, 1993, an internal combustion engine vapor abatement unit was operated at the site. On October 27, 1993, operation of the catalytic oxidation vapor abatement unit was initiated. SVE system operation has been continuous since October 27, 1993.

Remedial Objectives

The interim remedial objective for the site is to reduce petroleum hydrocarbon concentrations in the impacted soil and groundwater beneath the site. To evaluate progress toward meeting the interim remedial objective, the following system parameters are monitored:

- o SVE system petroleum hydrocarbon mass removal rates.
- o SVE well vapor composition.
- o SVE system influence.

Progress toward meeting the remedial objectives for the site is discussed below.

Petroleum Hydrocarbon Mass Removal

Progress toward meeting the mass reduction objective is determined by evaluating remedial system mass removal data and the TPH-g and benzene concentration trends in site groundwater monitoring wells. Interim remedial system operational data are collected twice per month. The system flow rate data, hours of operation, and influent soil vapor sample analysis results are used to estimate TPH-g and benzene mass removal values. Mass removal data for the interim remedial system are presented in Table 4, and are also presented in the table at the beginning of this letter. Certified analytical reports and chain-of-custody documentation are presented as Attachment B.

During this reporting period (December 9, 1993 to March 2, 1994), the SVE system removed approximately 138.36 pounds of TPH-g and 0.11 pound of benzene beneath the site. To date, the SVE system has removed approximately 519.42 pounds of TPH-g and 6.03 pounds of benzene.

Separate-phase hydrocarbons were not reported in any wells this quarter, and the concentrations of TPH-g and benzene in all associated site wells appear to have declined or stabilized, both laterally and downgradient.

Soil Vapor Extraction Well Vapor Composition

Soil vapor samples were obtained from each SVE well for laboratory analysis for TPH-g and BTEX compounds during the current reporting period of SVE system operation. These data are used to optimize SVE system operation. SVE well soil vapor analytical data are presented in Table 5.

Soil Vapor Extraction Influence

SVE system influence was not measured during the first quarter 1994.

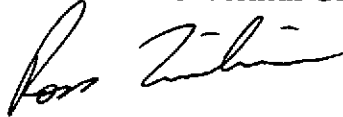
Discussion

Based on SVE system performance during the first quarter 1994, SVE system operation will be continued through the second quarter 1994.

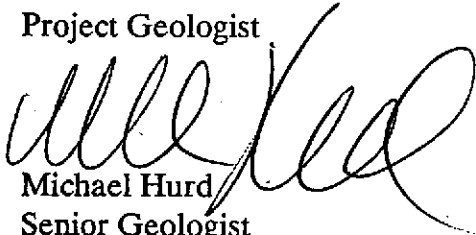
If you have any questions or comments regarding the contents of this letter, please call.

Sincerely,

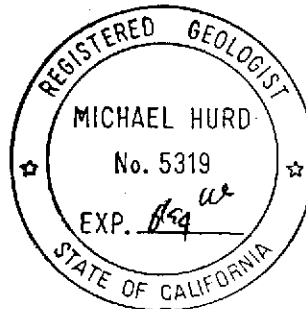
Pacific Environmental Group, Inc.



Ross W.N. Tinline
Project Geologist



Michael Hurd
Senior Geologist
RG 5319



Attachments:

- Table 1 - Groundwater Elevation Data
- Table 2 - Groundwater Analytical Data -
Total Petroleum Hydrocarbons
(TPH as Gasoline, BTEX Compounds, and
TPH as Diesel)
- Table 3 - Groundwater Analytical Data -
Total Petroleum Hydrocarbons
(Oil and Grease and TPH as Motor Oil)
- Table 4 - Soil Vapor Extraction System Mass
Removal Data
Total Petroleum Hydrocarbons (TPH as
Gasoline and Benzene)
- Table 5 - Vapor-Phase Analytical Data
Total Petroleum Hydrocarbons (TPH as
Gasoline and BTEX Compounds)
- Figure 1 - Groundwater Elevation Contour Map
- Figure 2 - TPH-g/Benzene/TPH-d Concentration
Map
- Figure 3 - Soil Vapor Extraction System Process
Flow Diagram
- Attachment A - Groundwater Sampling Report
- Attachment B - Certified Analytical Reports and
Chain-of-Custody Documentation

cc: Mr. Barney Chan, Alameda County Health Care Services
Mr. Richard Hiatt, Regional Water Quality Control Board - S.F. Bay Region

Table 1
Groundwater Elevation Data

Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California

| Well Number | Date Gauged | Well Elevation (feet, MSL) | Depth to Water (feet, TOC) | Groundwater Elevation (feet, MSL) |
|-------------|-------------|----------------------------|----------------------------|-----------------------------------|
| MW-1 | 02/16/89 | 6.64 | 3.83 | 2.81 |
| | 05/23/89 | | 3.59 | 3.05 |
| | 08/03/89 | | 4.04 | 2.60 |
| | 12/15/89 | | 4.22 | 2.42 |
| | 02/07/90 | | 4.60 | 2.04 |
| | 04/18/90 | | 4.02 | 2.62 |
| | 07/23/90 | | 4.17 | 2.47 |
| | 09/27/90 | | 4.60 | 2.04 |
| | 01/03/91 | | 4.88 | 1.76 |
| | 04/10/91 | | 3.55 | 3.09 |
| | 07/12/91 | | 3.97 | 2.67 |
| | 10/08/91 | | 4.26 | 2.38 |
| | 02/06/92 | | 4.94 | 1.70 |
| | 05/04/92 | | 3.58 | 3.06 |
| | 07/28/92 | | 3.91 | 2.73 |
| | 10/27/92 | | 4.79 | 1.85 |
| | 01/14/93 | | 3.39 | 3.25 |
| | 04/23/93 | 2.67 | 3.97 | |
| | 07/20/93 | 9.50 | 3.48 | 6.02 |
| | 10/18/93 | | 4.20 | 5.30 |
| 01/06/94 | 4.13 | | 5.37 | |
| MW-2 | 02/16/89 | 7.68 | 5.33 | 2.35 |
| | 05/23/89 | | 5.23 | 2.45 |
| | 08/03/89 | | 6.03 | 1.65 |
| | 12/15/89 | | 6.43 | 1.25 |
| | 02/07/90 | | 5.82 | 1.86 |
| | 04/18/90 | | 5.88 | 1.80 |
| | 07/23/90 | | 6.05 | 1.63 |
| | 01/03/91 | | 6.82 | 0.86 |
| | 04/10/91 | | 4.80 | 2.88 |
| | 07/12/91 | | 5.70 | 1.98 |
| | 10/08/91 | | 6.40 | 1.28 |
| | 02/06/92 | | 6.40 | 1.28 |
| | 05/04/92 | | 4.68 | 3.00 |
| | 07/28/92 | | 5.86 | 1.82 |
| | 10/27/92 | | 6.96 | 0.72 |
| | 01/14/93 | | 4.12 | 3.56 |
| | 04/23/93 | | 3.84 | 3.84 |
| | 07/20/93 | 10.55 | 5.17 | 5.38 |
| | 10/18/93 | | 6.20 | 4.35 |
| | 01/06/94 | | 5.39 | 5.16 |

Table 1 (continued)
Groundwater Elevation Data

Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California

| Well Number | Date Gauged | Well Elevation (feet, MSL) | Depth to Water (feet, TOC) | Groundwater Elevation (feet, MSL) | |
|-------------|-------------|----------------------------|-------------------------------|-----------------------------------|--|
| MW-3 | 02/16/89 | 7.81 | 5.17 | 2.64 | |
| | 05/23/89 | | 5.09 | 2.72 | |
| | 08/03/89 | | 5.34 | 2.47 | |
| | 12/15/89 | | 6.02 | 1.79 | |
| | 02/07/90 | | 4.95 | 2.86 | |
| | 04/18/90 | | 5.55 | 2.26 | |
| | 07/23/90 | | 5.81 | 2.00 | |
| | 09/27/90 | | 6.86 | 0.95 | |
| | 01/03/91 | | 6.84 | 0.97 | |
| | 04/10/91 | | 4.93 | 2.88 | |
| | 07/12/91 | | 5.56 | 2.25 | |
| | 10/08/91 | | 6.62 | 1.19 | |
| | 02/06/92 | | 6.28 | 1.53 | |
| | 05/04/92 | | 4.65 | 3.16 | |
| | 07/28/92 | | 5.56 | 2.25 | |
| | 10/27/92 | | 6.65 | 1.16 | |
| | 01/14/93 | | 3.88 | 3.93 | |
| | 04/23/93 | | ----- Well Inaccessible ----- | | |
| | 07/20/93 | | ----- Well Inaccessible ----- | | |
| | 10/18/93 | | ----- Well Inaccessible ----- | | |
| 01/06/94 | | 5.54 | 2.27 | | |
| MW-4 | 05/23/89 | 7.38 | 5.60 | 1.78 | |
| | 08/03/89 | | 6.37 | 1.01 | |
| | 12/15/89 | | 6.91 | 0.47 | |
| | 03/08/90 | | 6.06 | 1.32 | |
| | 04/18/90 | | 5.84 | 1.54 | |
| | 07/23/90 | | 6.92 | 0.46 | |
| | 07/23/90 | | 6.92 | 0.46 | |
| | 09/27/91 | | 8.03 | 0.65 | |
| | 01/03/91 | | 7.54 | -0.16 | |
| | 04/10/91 | | 5.06 | 2.32 | |
| | 07/12/91 | | 6.86 | 0.52 | |
| | 10/08/91 | | 7.44 | -0.06 | |
| | 02/06/92 | | 7.29 | 0.09 | |
| | 05/04/92 | | 5.33 | 2.05 | |
| | 07/28/92 | | 6.95 | 0.43 | |
| | 10/27/92 | | 7.65 | -0.27 | |
| | 01/14/93 | | 4.84 | 2.54 | |
| | 04/23/93 | 4.84 | 2.54 | | |
| 07/20/93 | 10.28 | 6.47 | 3.81 | | |
| 10/18/93 | | 7.35 | 2.93 | | |
| 01/06/94 | | 7.64 | 2.64 | | |

Table 1 (continued)
Groundwater Elevation Data

Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California

| Well Number | Date Gauged | Well Elevation (feet, MSL) | Depth to Water (feet, TOC) | Groundwater Elevation (feet, MSL) |
|-------------|-------------|----------------------------|----------------------------|-----------------------------------|
| MW-5 | 05/23/89 | 8.18 | 5.47 | 2.71 |
| | 08/03/89 | | 5.94 | 2.24 |
| | 12/15/89 | | 6.75 | 1.43 |
| | 02/07/90 | | 6.03 | 2.15 |
| | 04/18/90 | | 5.80 | 2.38 |
| | 07/23/90 | | 6.00 | 2.18 |
| | 09/23/90 | | 7.18 | 1.00 |
| | 01/03/91 | | 7.17 | 1.01 |
| | 04/10/91 | | 5.25 | 2.93 |
| | 07/12/91 | | 5.70 | 2.48 |
| | 10/08/91 | | 6.50 | 1.68 |
| | 02/06/92 | | 6.35 | 1.83 |
| | 05/04/92 | | 4.87 | 3.31 |
| | 07/28/92 | | 5.73 | 2.45 |
| | 10/27/92 | | 6.98 | 1.20 |
| | 01/14/93 | | 4.70 | 3.48 |
| | 04/23/93 | | 4.19 | 3.99 |
| | 07/20/93 | 10.87 | 5.10 | 5.77 |
| 10/18/93 | 5.79 | | 5.08 | |
| 01/06/94 | 5.56 | | 5.31 | |
| MW-6 | 05/23/89 | 8.21 | 5.47 | 2.74 |
| | 08/03/89 | | 5.91 | 2.30 |
| | 12/15/89 | | 5.98 | 2.23 |
| | 02/07/90 | | 5.47 | 2.74 |
| | 04/18/90 | | 5.80 | 2.41 |
| | 07/23/90 | | 5.85 | 2.36 |
| | 09/27/90 | | 6.42 | 1.79 |
| | 01/03/91 | | 6.73 | 1.48 |
| | 04/10/91 | | 5.24 | 2.97 |
| | 07/12/91 | | 5.78 | 2.43 |
| | 10/08/91 | | 6.36 | 1.85 |
| | 02/06/92 | | 6.15 | 2.06 |
| | 05/04/92 | | 5.07 | 3.14 |
| | 07/28/92 | | 5.85 | 2.36 |
| | 10/27/92 | | 6.69 | 1.52 |
| | 01/14/93 | | 4.52 | 3.69 |
| | 04/23/93 | | 4.32 | 3.89 |
| | 07/20/93 | 11.04 | 5.39 | 5.65 |
| 10/18/93 | 6.67 | | 4.37 | |
| 01/06/94 | 5.66 | | 5.38 | |

Table 1 (continued)
Groundwater Elevation Data

Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California

| Well Number | Date Gauged | Well Elevation (feet, MSL) | Depth to Water (feet, TOC) | Groundwater Elevation (feet, MSL) |
|-------------|-------------|----------------------------|----------------------------|-----------------------------------|
| MW-7 | 05/23/89 | 7.44 | 5.48 | 1.96 |
| | 08/03/89 | | 4.22 | 3.22 |
| | 12/15/89 | | 4.58 | 2.86 |
| | 02/07/90 | | 5.34 | 2.10 |
| | 04/18/90 | | 4.92 | 2.52 |
| | 07/23/90 | | 4.99 | 2.45 |
| | 09/27/90 | | 6.16 | 1.28 |
| | 01/03/91 | | 4.96 | 2.48 |
| | 04/10/91 | | 4.13 | 3.31 |
| | 07/12/91 | | 4.98 | 2.46 |
| | 10/08/91 | | 5.48 | 1.96 |
| | 02/06/92 | | 5.05 | 2.39 |
| | 05/04/92 | | 4.43 | 3.01 |
| | 07/28/92 | | 4.88 | 2.56 |
| | 10/27/92 | | 5.39 | 2.05 |
| | 01/14/93 | | 4.26 | 3.18 |
| | 04/23/93 | | 4.04 | 3.40 |
| | 07/20/93 | 10.28 | 4.36 | 5.92 |
| 10/18/93 | 5.14 | | 5.14 | |
| 01/06/94 | 4.83 | | 5.45 | |
| MW-8 | 05/23/89 | 7.79 | 6.62 | 1.17 |
| | 08/03/89 | | 6.62 | 1.17 |
| | 12/15/89 | | 6.71 | 1.08 |
| | 03/08/90 | | 4.95 | 2.84 |
| | 04/18/90 | | 6.40 | 1.89 |
| | 07/23/90 | | 6.62 | 1.17 |
| | 09/27/90 | | 6.98 | 0.81 |
| | 01/03/91 | | 7.03 | 0.76 |
| | 04/10/91 | | 4.40 | 3.39 |
| | 07/12/91 | | 6.80 | 0.99 |
| | 10/08/91 | | 7.56 | 0.23 |
| | 02/06/92 | | 6.94 | 0.85 |
| | 05/04/92 | | 5.86 | 1.93 |
| | 07/28/92 | | 6.94 | 0.85 |
| | 10/27/92 | | 7.83 | -0.04 |
| | 01/14/93 | | 3.60 | 4.19 |
| | 04/23/93 | | 4.12 | 3.67 |
| | 07/20/93 | 10.61 | 6.38 | 4.23 |
| 10/18/93 | 7.47 | | 3.14 | |
| 01/06/94 | 7.20 | | 3.41 | |

Table 1 (continued)
Groundwater Elevation Data

Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California

| Well Number | Date Gauged | Well Elevation (feet, MSL) | Depth to Water (feet, TOC) | Groundwater Elevation (feet, MSL) | |
|-------------|-------------|----------------------------|----------------------------|-----------------------------------|------|
| MW-9 | 08/03/89 | 7.63 | 5.78 | 1.85 | |
| | 12/15/89 | | 5.24 | 2.39 | |
| | 02/07/90 | | 5.23 | 2.40 | |
| | 04/18/90 | | 5.34 | 2.29 | |
| | 07/23/90 | | 5.65 | 1.98 | |
| | 09/27/90 | | 5.96 | 1.67 | |
| | 01/03/91 | | 6.23 | 1.40 | |
| | 04/10/91 | | 4.65 | 2.98 | |
| | 07/12/91 | | 5.65 | 1.98 | |
| | 10/08/91 | | 6.08 | 1.55 | |
| | 02/06/92 | | 5.92 | 1.71 | |
| | 05/04/92 | | 4.80 | 2.83 | |
| | 07/28/92 | | 5.61 | 2.02 | |
| | 10/27/92 | | 6.24 | 1.39 | |
| | 01/14/93 | | 4.95 | 2.68 | |
| | 04/23/93 | | 4.54 | 3.09 | |
| | 07/20/93 | 10.48 | 5.25 | 5.23 | |
| 10/18/93 | 6.00 | 4.48 | | | |
| 01/06/94 | 5.62 | 4.86 | | | |
| MW-10 | 12/15/89 | 7.45 | 6.33 | 0.82 | |
| | 03/08/90 | | 5.41 | 2.00 | |
| | 04/18/90 | | 5.60 | 1.85 | |
| | 07/23/90 | | 5.81 | 1.64 | |
| | 09/27/90 | | 6.64 | 0.81 | |
| | 01/03/91 | | 6.96 | 0.49 | |
| | 04/10/91 | | 4.70 | 2.75 | |
| | 07/12/91 | | 5.90 | 1.55 | |
| | 10/08/91 | | 6.68 | 0.77 | |
| | 02/06/92 | | 7.04 | 0.41 | |
| | 05/04/92 | | 4.69 | 2.76 | |
| | 07/28/92 | | 6.00 | 1.45 | |
| | 10/27/92 | | | ----- Well Inaccessible ----- | |
| | 01/14/93 | | 6.07 | 1.38 | |
| | 04/23/93 | | 4.14 | 3.31 | |
| | 07/20/93 | | 10.61 | 5.62 | 4.99 |
| | 10/18/93 | 6.43 | 4.18 | | |
| 01/06/94 | 6.74 | 3.87 | | | |
| MW-11 | 07/20/93 | 10.56 | 8.08 | 2.48 | |
| | 10/18/93 | | 8.24 | 2.32 | |
| | 01/06/94 | | 8.47 | 2.09 | |

Table 1 (continued)
Groundwater Elevation Data

Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California

| Well Number | Date Gauged | Well Elevation (feet, MSL) | Depth to Water (feet, TOC) | Groundwater Elevation (feet, MSL) |
|---|-------------|----------------------------|----------------------------|-----------------------------------|
| MW-12 | 07/20/93 | 9.56 | 6.76 | 2.80 |
| | 10/18/93 | | 7.12 | 2.44 |
| | 01/06/94 | | 7.15 | 2.41 |
| MW-13 | 07/20/93 | 10.10 | 8.32 | 1.78 |
| | 10/18/93 | | 8.66 | 1.44 |
| | 01/06/94 | | 8.70 | 1.40 |
| MSL = Mean sea level TOC = Top of casing | | | | |

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

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | TPH as Gasoline (ppm) | Benzene (ppm) | Toluene (ppm) | Ethylbenzene (ppm) | Xylenes (ppm) | TPH as Diesel (ppm) |
|-------------|-----------------|-----------------------|---------------|---------------|--------------------|-------------------|---------------------|
| MW-1 | 02/16/92 | 99 | 20 | 23 | 5.7 | 23 | NA |
| | 05/23/92 | 48 | 4.2 | 5.2 | 1.2 | 7.7 | 11 |
| | 08/04/89 | 63 | 5.5 | 5.5 | 3.2 | 9.5 | 11 |
| | 12/15/89 | 30 | ND | ND | ND | ND | 11 |
| | 02/07/90 | 93 | 13 | 9.6 | 2.4 | 14 | 10 |
| | 04/18/90 | 55 | 14 | 8.4 | 3.2 | 13 | 8.7 |
| | 07/24/90 | 73 | 16 | 7.4 | 2.8 | 15 | 3.6 |
| | 10/01/90 | 45 | 8 | 4.3 | 2 | 11 | 1.7 |
| | 01/02/91 | 43 | 10 | 3.4 | 1.9 | 11 | 3.1 |
| | 04/09/91 | 67 | 20 | 9.6 | 3.5 | 16 | 1.8 |
| | 07/11/91 | NR | NR | NR | NR | NR | NR |
| | 10/08/91 | 55 | 18 | 3.5 | 2.3 | 8.6 | 7.4 |
| | 02/06/92 | 48 | 12 | 2.8 | 1.9 | 7.4 | 15 ^a |
| | 05/05/92 | 71 | 16 | 6 | 3.1 | 14 | 10 ^a |
| | 07/28/92 | 68 | 21 | 5.5 | 3.4 | 15 | 18 ^a |
| | 07/28/92(D) | 70 | 17 | 5 | 2.7 | 13 | 19 ^a |
| | 10/27/92 | 53 | 18 | 3.7 | 3.4 | 11 | 1.3 |
| | 10/27/92(D) | 48 | 17 | 3.6 | 3.1 | 9.9 | 2.5 ^a |
| | 01/15/93 | 84 | 17 | 5.4 | 3 | 13 | 22 ^a |
| | 04/23/93 | 100 | 18 | 7.8 | 4.7 | 20 | 23 ^a |
| 07/20/93 | 41 ^d | 12 | 0.87 | 1.5 | 4.4 | 3.1 ^a | |
| 10/18/93 | 33 | 14 | 1.2 | 2 | 4.9 | 8.1 ^a | |
| 10/18/93(D) | 44 | 14 | 1.2 | 2 | 4.9 | 3.7 ^a | |
| 01/06/94 | 71 | 9 | 0.87 | 1.6 | 5.1 | 9 ^a | |
| MW-2 | 02/16/89 | 20 | 0.2 | 0.9 | 2.7 | 9.6 | NA |
| | 05/23/89 | 1.5 | 0.0043 | 0.0029 | 0.011 | 0.15 | 1.6 |
| | 08/04/89 | 15 | 0.075 | 0.12 | 0.85 | 2.2 | 7.4 |
| | 12/15/89 | 5 | 0.052 | 0.013 | 0.0041 | 0.29 | 2.6 |
| | 02/07/90 | 13 | 0.032 | 0.034 | 0.23 | 0.64 | 4.8 |
| | 04/18/90 | 9.8 | 0.033 | 0.019 | 0.46 | 1.7 | 3.2 |
| | 07/24/90 | 9.6 | 0.041 | 0.027 | 0.54 | 0.94 | 2.7 |
| | 10/01/90 | 0.39 | 0.0034 | 0.015 | 0.0085 | 0.025 | 1.6 |
| | 01/02/91 | 1.8 | 0.056 | 0.0044 | 0.0048 | 0.092 | 0.83 |
| | 04/09/91 | 1.9 | ND | 0.028 | 0.14 | 0.49 | 0.28 |
| | 07/11/91 | 8.1 | 0.089 | 0.066 | 0.35 | 0.93 | 1.1 |
| | 10/08/91 | 1.4 | 0.0051 | 0.0015 | 0.036 | 0.27 | 2.6 |
| | 02/06/92 | 2 | 0.0078 | 0.0025 | 0.13 | 0.21 | 5.4 ^a |
| | 05/05/92 | 21 ^b | ND | ND | 0.3 | 0.96 | 1 |
| | 07/28/92 | 2.1 | 0.0077 | 0.0033 | 0.13 | 0.31 | 0.83 ^a |
| | 10/27/92 | 1.1 | 0.016 | 0.0031 | 0.0045 | 0.025 | 0.53 |
| 01/15/93+ | 0.29 | 0.0052 | 0.0031 | 0.0084 | 0.021 | 0.17 ^b | |

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

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | TPH as Gasoline (ppm) | Benzene (ppm) | Toluene (ppm) | Ethylbenzene (ppm) | Xylenes (ppm) | TPH as Diesel (ppm) | |
|-----------------|--------------|-------------------------------|---------------|---------------|--------------------|---------------|---------------------|--|
| MW-2 (cont.) | 04/23/93 | 2.4 | ND | ND | 0.21 | 0.61 | 1.2 ^a | |
| | 07/21/93 | 0.44 | 0.0017 | 0.0017 | 0.015 | 0.038 | 0.13 | |
| | 10/18/93 | 2.1 | ND | ND | 0.09 | 0.11 | 1.6 ^a | |
| | 01/06/94 | 1.9 ^e | ND | 0.0067 | 0.0071 | 0.012 | 0.13 | |
| MW-3 | 02/16/89 | 60 | 5.5 | 0.2 | 3.2 | 5.2 | NA | |
| | 05/23/89 | ND | ND | ND | ND | ND | 1.5 | |
| | 08/04/89 | 2 | 0.12 | 0.012 | ND | 0.086 | 1.2 | |
| | 12/15/89 | 5.2 | 0.38 | 0.047 | 0.017 | 0.41 | 1.7 | |
| | 03/08/90 | 0.26 | 0.017 | ND | 0.0054 | 0.0025 | 0.23 | |
| | 04/19/90 | 0.26 | ND | ND | ND | 0.0094 | ND | |
| | 07/24/90 | 0.51 | 0.046 | 0.0012 | ND | 0.0093 | 0.21 | |
| | 09/28/90 | 0.46 | 0.0063 | 0.0017 | ND | 0.015 | 0.35 | |
| | 01/02/91 | 4.8 | 0.92 | 0.0088 | ND | 0.19 | 0.63 | |
| | 04/09/91 | 0.12 | 0.0012 | 0.0008 | 0.0035 | 0.021 | 0.06 | |
| | 07/11/91 | 0.43 | 0.012 | ND | ND | 0.0077 | ND | |
| | 10/08/91 | 0.77 | 0.14 | 0.0007 | ND | 0.053 | 0.56 | |
| | 02/06/91 | 0.5 | 0.074 | 0.0009 | 0.0052 | 0.0053 | 0.34 ^a | |
| | 05/04/92 | 0.31 | 0.047 | ND | 0.017 | 0.016 | 0.29 ^a | |
| | 07/28/92 | 0.78 | 0.13 | ND | 0.013 | 0.0042 | 0.1 ^a | |
| | 10/27/92 | 0.74 | 0.092 | 0.0028 | 0.0078 | 0.0096 | 0.069 ^a | |
| | 01/15/93 | ND | 0.0024 | ND | ND | ND | ND | |
| | 04/23/93 | ----- Well Inaccessible ----- | | | | | | |
| | 07/20/93 | ----- Well Inaccessible ----- | | | | | | |
| | 10/18/93 | ----- Well Inaccessible ----- | | | | | | |
| 01/06/94 | 0.13 | 0.0017 | ND | ND | 0.00093 | 0.064 | | |
| MW-4 | 05/23/89 | ND | ND | ND | ND | ND | ND | |
| | 08/04/89 | ND | ND | ND | ND | ND | ND | |
| | 12/15/89 | ND | ND | ND | ND | ND | ND | |
| | 03/08/90 | ND | ND | ND | ND | ND | ND | |
| | 07/25/90 | ND | ND | ND | ND | ND | ND | |
| | 09/28/90 | ND | ND | ND | ND | ND | ND | |
| | 01/02/91 | ND | ND | ND | ND | ND | ND | |
| | 04/09/91 | ND | ND | ND | ND | ND | ND | |
| | 07/11/91 | ND | ND | ND | ND | ND | ND | |
| | 10/08/91 | ND | ND | ND | ND | ND | ND | |
| | 02/06/92 | 0.12 | ND | ND | ND | ND | 2.5 ^a | |
| | 05/04/92 | ND | ND | ND | ND | ND | 0.053 | |
| | 07/28/92 | ND | ND | ND | ND | ND | 0.06 | |
| | 10/27/92 | ND | ND | ND | ND | ND | ND | |
| 01/14/93 | ND | ND | ND | ND | ND | ND | | |
| 04/23/93 | ND | ND | ND | ND | ND | ND | | |

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

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | TPH as Gasoline (ppm) | Benzene (ppm) | Toluene (ppm) | Ethylbenzene (ppm) | Xylenes (ppm) | TPH as Diesel (ppm) |
|-----------------|-----------------|-----------------------|---------------|---------------|--------------------|-------------------|---------------------|
| MW-4 (cont.) | 07/21/93 | ND | 0.0022 | 0.0012 | 0.0011 | 0.0077 | ND |
| | 10/18/93 | ND | ND | ND | ND | ND | ND |
| | 01/06/94 | ND | ND | ND | ND | ND | ND |
| MW-5 | 05/23/89 | 26 | 1.5 | 0.28 | ND | 8.1 | 7 |
| | 08/05/89 | 12 | 0.86 | 0.094 | ND | 2.6 | 8.7 |
| | 12/15/89 | 1 | 0.022 | 0.035 | 0.018 | 0.044 | 0.71 |
| | 02/08/90 | ND | 0.0008 | ND | ND | ND | 0.62 |
| | 04/19/90 | 19 | 4.5 | 0.85 | 0.097 | 8 | 5 |
| | 07/24/90 | 23 | 3.6 | 0.4 | 0.16 | 6.5 | 2.7 |
| | 09/28/90 | 5.4 | 1.4 | 0.026 | 0.013 | 1.3 | 0.55 |
| | 01/02/91 | 0.86 | 0.28 | 0.0028 | 0.0008 | 0.045 | 0.56 |
| | 04/09/91 | 12 | 0.71 | 0.13 | 0.5 | 2.4 | 1.8 |
| | 07/11/91 | 24 | 2.2 | 0.28 | 0.43 | 5.7 | 1.7 |
| | 10/08/91 | 2.8 | 0.86 | 0.013 | ND | 0.58 | 1.4 |
| | 02/06/92 | 1 | 0.3 | ND | 0.014 | 0.062 | 1.2 |
| | 05/05/92 | 10 | 1.5 | 0.35 | 0.71 | 2.3 | 4.1 ^a |
| | 07/28/92 | 12 | 2.2 | 0.063 | 1.4 | 3.5 | 3.8 ^a |
| | 10/27/92 | 7.5 | 1.1 | 0.059 | 0.23 | 0.9 | 0.48 ^a |
| | 01/15/93 | 7.7 | 0.42 | 0.049 | 0.57 | 0.84 | 1.1 ^c |
| | 04/23/93 | 110 | 2.9 | 2.5 | 3.4 | 12 | 16 ^a |
| | 07/21/93 | 18 ^d | 1.4 | 0.084 | 1.5 | 3.2 | 1.2 ^a |
| | 10/18/93 | 14 | 2 | 0.1 | 2.3 | 5.1 | 5.8 ^a |
| 01/06/94 | 81 | 11 | 9.3 | 3.6 | 12 | 11 ^a | |
| MW-6 | 05/23/89 | 22 | 0.016 | 0.0065 | 0.0066 | 3.4 | 7 |
| | 08/04/89 | 28 | 1.2 | 0.13 | 2.1 | 2.8 | 8.8 |
| | 12/15/89 | 16 | 0.37 | 0.092 | 0.2 | 0.18 | 5.5 |
| | 02/07/90 | 22 | 0.52 | 0.085 | 0.63 | 0.77 | 2.6 |
| | 04/18/90 | 21 | 0.9 | 0.077 | 2.7 | 2.7 | 5.7 |
| | 07/24/90 | 24 | 1 | 0.094 | 3.4 | 2.7 | 3 |
| | 10/01/90 | 22 | 0.7 | 0.093 | 2.5 | 2.4 | ND |
| | 01/02/91 | 25 | 1 | 0.088 | 2.6 | 3.7 | 0.96 |
| | 04/09/91 | 18 | 0.56 | 0.19 | 0.48 | 0.83 | 0.92 |
| | 07/11/91 | 9.5 | 0.67 | 0.051 | 1.1 | 0.92 | 1.9 |
| | 10/08/91 | 11 | 1 | 0.043 | ND | ND | 5.1 |
| | 02/06/92 | 7.2 | 0.56 | 0.008 | 0.72 | 0.16 | 15 ^a |
| | 05/05/92 | 7.9 | 0.61 | ND | 1.5 | 0.24 | 2.9 ^a |
| | 07/28/92 | 17 | 1.2 | ND | 3 | 0.61 | 3.2 ^a |
| | 10/27/92 | 15 | 1.3 | 0.13 | 1.7 | 0.49 | 1.3 ^a |
| | 01/14/93 | 4.9 | 0.08 | 0.031 | 0.33 | 0.037 | 1.6 ^a |
| | 04/23/93 | 4.8 | 0.12 | ND | 0.78 | 0.073 | 1.8 ^a |
| 07/20/93 | 19 ^d | 0.57 | 0.018 | 1.1 | 0.13 | 0.91 ^a | |

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

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | TPH as Gasoline (ppm) | Benzene (ppm) | Toluene (ppm) | Ethylbenzene (ppm) | Xylenes (ppm) | TPH as Diesel (ppm) |
|-----------------|--------------|-----------------------|---------------|---------------|--------------------|------------------|---------------------|
| MW-6 (cont.) | 10/18/93 | 24 | 0.77 | 0.44 | 1.6 | 0.83 | 2.5 ^a |
| | 01/06/94 | 20 ^d | 0.45 | 0.03 | 0.53 | 0.052 | 2.3 ^a |
| MW-7 | 05/23/89 | 47 | 3.5 | 5 | 1.5 | 7.8 | 11 |
| | 08/04/89 | 68 | 6.2 | 6.6 | 3.6 | 8.8 | 22 |
| | 12/15/89 | 100 | 4.5 | 5.3 | 1.3 | 5.3 | 12 |
| | 02/08/90 | 96 | 15 | 15 | 2.5 | 14 | 8.1 |
| | 04/19/90 | 94 | 25 | 13 | 3.3 | 13 | 10 |
| | 07/24/90 | 84 | 3.8 | 26 | 13 | 3 | 12 |
| | 09/28/90 | 43 | 25 | 6.1 | 2.4 | 9 | ND |
| | 01/02/91 | 78 | 26 | 16 | 3 | 14 | 3.1 |
| | 04/09/91 | 140 | 26 | 16 | 2.2 | 14 | 1.8 |
| | 07/11/91 | 79 | 7.7 | 7.2 | 2.3 | 10 | 1.1 |
| | 10/08/91 | 55 | 29 | 7.5 | 1.8 | 9.3 | 0.39 ^a |
| | 02/06/92 | 63 | 16 | 8.7 | 1.6 | 7.4 | 9.6 ^a |
| | 05/05/92 | 67 | 22 | 13 | 1.8 | 9.4 | 9.8 ^a |
| | 07/28/92 | 85 | 26 | 17 | 2.9 | 15 | 13 ^a |
| | 10/27/92 | 63 | 21 | 11 | 3 | 11 | 1.9 ^a |
| | 01/14/93 | 120 | 28 | 21 | 1.6 | 15 | 2.3 ^a |
| | 04/23/93 | 60 | 17 | 3.7 | 2.2 | 11 | 12 ^a |
| | 04/23/93(D) | 50 | 17 | 4.2 | 2.2 | 11 | 14 ^a |
| | 07/21/93 | 47 | 23 | 9.9 | 2.2 | 12 | 13 |
| | 10/18/93 | 44 | 22 | 3.8 | 2.6 | 10 | 10 ^a |
| 01/06/94 | 65 | 16 | 4.9 | 1.9 | 8.5 | 5.2 ^a | |
| MW-8 | 05/23/89 | ND | ND | ND | ND | ND | 0.1 |
| | 08/04/89 | ND | ND | ND | ND | ND | 0.075 |
| | 12/15/89 | ND | ND | ND | ND | ND | ND |
| | 03/08/90 | ND | ND | ND | ND | ND | ND |
| | 07/25/90 | ND | ND | ND | ND | ND | ND |
| | 09/28/90 | ND | ND | ND | ND | ND | 1.1 |
| | 01/02/91 | ND | 0.0013 | ND | ND | ND | ND |
| | 04/09/91 | 0.05 | 0.0007 | 0.0011 | 0.0008 | 0.001 | ND |
| | 07/11/91 | ND | ND | ND | ND | ND | ND |
| | 10/08/91 | ND | 0.0014 | ND | ND | ND | ND |
| | 02/06/92 | ND | ND | 0.0007 | ND | ND | 0.06 ^a |
| | 05/04/92 | ND | ND | ND | ND | ND | 0.21 ^b |
| | 07/28/92 | 0.051 | ND | ND | 0.001 | 0.0006 | ND |
| | 10/27/92 | ND | ND | 0.0066 | ND | ND | ND |
| | 01/14/93 | ND | ND | ND | ND | ND | 0.064 ^b |
| | 01/14/93(D) | ND | ND | ND | ND | ND | NA |
| | 04/23/93 | ND | ND | ND | ND | ND | ND |
| 07/21/93 | ND | 0.0007 | 0.0007 | 0.0008 | 0.0041 | ND | |

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

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | TPH as Gasoline (ppm) | Benzene (ppm) | Toluene (ppm) | Ethylbenzene (ppm) | Xylenes (ppm) | TPH as Diesel (ppm) | |
|-----------------|--------------|-------------------------------|---------------|---------------|--------------------|-------------------|---------------------|--|
| MW-8 (cont.) | 10/18/93 | ND | ND | 0.8 | ND | ND | ND | |
| | 01/06/94 | ND | ND | ND | ND | ND | ND | |
| MW-9 | 08/04/89 | 47 | 5.6 | 6.6 | 1.5 | 8.5 | 12 | |
| | 12/15/89 | 88 | 4.3 | 5.4 | 0.14 | 5.6 | 9.2 | |
| | 02/08/90 | 50 | 1.8 | 1.4 | 3.2 | 1.8 | 7.4 | |
| | 04/19/90 | 50 | 14 | 11 | 0.73 | 10 | 7.5 | |
| | 07/24/90 | 62 | 19 | 16 | 0.95 | 15 | 3.2 | |
| | 09/28/90 | 30 | 16 | 6.5 | 0.98 | 11 | 2.7 | |
| | 01/02/91 | 34 | 9.2 | 3.2 | 0.77 | 7 | 2.5 | |
| | 04/09/91 | 66 | 17 | 13 | 1.4 | 14 | 2.2 | |
| | 07/11/91 | 40 | 7.7 | 3.2 | 1.1 | 9.4 | 2 | |
| | 10/08/91 | 20 | 11 | 0.64 | 0.24 | 6 | 4.7 ^a | |
| | 02/06/92 | 36 | 11 | 0.49 | 1.1 | 6.7 | 6.6 ^a | |
| | 05/05/92 | 31 | 11 | 1.7 | 1.2 | 8.7 | 5.8 ^a | |
| | 07/28/92 | 50 | 17 | 1.2 | 1.5 | 12 | 14 | |
| | 10/27/92 | 43 | 15 | 0.68 | 1.7 | 8.1 | 0.88 ^a | |
| | 01/15/93 | 52 | 9.6 | 1.1 | 1.1 | 7 | 0.73 ^a | |
| | 04/23/93 | 45 | 11 | 1.4 | 1.5 | 10 | 8 ^a | |
| | 07/21/93 | 25 | 10 | 0.32 | 1.1 | 7.1 | 5.1 | |
| 10/18/93 | 32 | 14 | 0.53 | 2 | 10 | 4.9 ^a | | |
| 01/06/94 | 41 | 15 | 0.81 | 1.4 | 9 | 7.7 ^a | | |
| 01/06/94(D) | 43 | 15 | 0.92 | 1.3 | 8 | 8.3 ^a | | |
| MW-10 | 12/15/89 | ND | 1.5 | ND | ND | ND | 3.1 | |
| | 03/08/90 | 25 | 17 | 0.33 | 2.1 | 1.4 | 1.8 | |
| | 04/19/90 | 23 | 15 | 1.2 | 0.19 | 3.3 | 3.6 | |
| | 07/25/90 | 18 | 12 | 0.38 | ND | 1.4 | 1.9 | |
| | 09/28/90 | 9.5 | 13 | 0.1 | 1.8 | 0.23 | 0.43 | |
| | 01/02/91 | 4.3 | 3.7 | 0.0097 | ND | 0.11 | 0.63 | |
| | 04/09/91 | 45 | 16 | 4.6 | 3 | 6.9 | 1.4 | |
| | 07/11/91 | ND | ND | ND | ND | ND | | |
| | 10/08/91 | 3.8 | 13 | 0.082 | 0.0091 | 0.5 | 1.5 ^a | |
| | 02/06/92 | 22 | 12 | ND | 0.6 | 0.17 | 1.6 ^a | |
| | 05/05/92 | 39 | 14 | 5 | 1.8 | 5 | 8 ^a | |
| | 07/28/92 | 38 | 17 | 2.8 | 1.5 | 4 | 8.7 ^a | |
| | 10/27/92 | ----- Well Inaccessible ----- | | | | | | |
| | 01/14/93 | 26 | 10 | ND | ND | 0.16 | 0.95 ^c | |
| | 04/23/93 | 80 | 21 | 13 | 3.4 | 12 | 19 ^a | |
| 07/21/93 | 31 | 14 | 4.2 | 1.7 | 5.5 | 4.8 | | |
| 10/18/93 | 13 | 8.6 | 0.22 | ND | 0.45 | 1.2 ^a | | |
| 01/06/94 | 16 | 9.7 | <0.125 | <0.125 | 0.21 | 0.67 ^a | | |

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

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | TPH as Gasoline (ppm) | Benzene (ppm) | Toluene (ppm) | Ethylbenzene (ppm) | Xylenes (ppm) | TPH as Diesel (ppm) |
|-------------|--------------|-----------------------|---------------|---------------|--------------------|---------------|---------------------|
| MW-11 | 07/20/93 | 0.05 | 0.0025 | 0.0019 | 0.0039 | 0.018 | ND |
| | 10/18/93 | ND | ND | ND | ND | ND | 0.065 |
| | 01/06/94 | ND | ND | ND | ND | ND | ND |
| MW-12 | 07/20/93 | ND | 0.0028 | 0.0019 | 0.0032 | ND | 0.015 |
| | 10/18/93 | ND | ND | ND | ND | ND | ND |
| | 01/06/94 | ND | ND | ND | ND | ND | ND |
| MW-13 | 07/21/93 | ND | ND | ND | ND | ND | 0.0015 |
| | 07/21/93(D) | ND | ND | ND | ND | ND | 0.001 |
| | 10/18/93 | ND | ND | ND | ND | ND | ND |
| | 01/06/94 | ND | ND | ND | ND | ND | ND |

ppm = Parts per million

NA = Not analyzed

ND = Not detected

NR = Not reported

(D) = Duplicate sample

+ = TPH as diesel analysis from April 8, 1993.

- a. The laboratory noted that compound detected and calculated as TPH as diesel primarily appears to be due to a lighter petroleum product.
- b. Laboratory noted that compound detected and calculated as diesel appears to be a heavier hydrocarbon compound.
- c. Laboratory noted that compound detected as TPH as diesel is due to the presence of a combination of a heavier petroleum product and a lighter petroleum product.
- d. Laboratory noted that compound detected as gasoline is due to the presence of a combination of gasoline and a discrete peak not indicative of gasoline.
- e. Laboratory noted that compound detected as gasoline is due to the presence of a discrete peak not indicative of gasoline.

See individual certified analytical reports for detection limits.

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

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | Oil and Grease (ppm) | TPH as Motor Oil (ppm) |
|-------------|--------------|-------------------------------|------------------------|
| MW-1 | 07/28/92 | NA | ND |
| | 07/28/92(D) | NA | ND |
| | 01/15/93 | NA | ND |
| | 04/23/93 | NA | ND |
| | 10/18/93 | NA | 0.96 |
| | 10/18/93(D) | NA | 0.67 |
| | 01/06/94 | NA | ND |
| MW-2 | 07/28/92 | NA | 0.32 |
| | 01/14/93 | NA | NA |
| | 04/23/93 | NA | ND |
| | 10/18/93 | NA | 0.51 |
| | 01/06/94 | NA | ND |
| MW-3 | 07/28/92 | ND | 0.12 |
| | 10/27/92 | ND | 0.1 |
| | 01/15/93 | ND | 0.12 |
| | 04/23/93 | NA | ND |
| | 10/18/93 | ----- Well Inaccessible ----- | |
| | 01/06/94 | NA | ND |
| MW-4 | 07/28/92 | NA | ND |
| | 01/14/93 | NA | 0.12 |
| | 04/23/93 | NA | 0.17 |
| | 10/18/93 | NA | 0.2 |
| | 01/06/94 | NA | ND |
| MW-5 | 07/28/92 | NA | 1.2 |
| | 01/15/93 | NA | 0.43 |
| | 04/23/93 | NA | ND |
| | 10/18/93 | NA | 0.86 |
| | 01/06/94 | NA | ND |
| MW-6 | 07/28/92 | NA | ND |
| | 01/14/93 | NA | ND |
| | 04/23/93 | NA | ND |
| | 10/18/93 | NA | 0.83 |
| | 01/06/94 | NA | ND |

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

Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California

| Well Number | Date Sampled | Oil and Grease (ppm) | TPH as Motor Oil (ppm) |
|---|--------------|----------------------|------------------------|
| MW-7 | 07/28/92 | NA | ND |
| | 01/14/93 | NA | NA |
| | 04/23/93 | NA | ND |
| | 04/23/93(D) | NA | ND |
| | 10/18/93 | NA | 1 |
| | 01/06/94 | NA | ND |
| MW-8 | 07/28/92 | NA | 0.15 |
| | 01/14/93 | NA | NA |
| | 04/23/93 | NA | 0.15 |
| | 10/18/93 | NA | 0.17 |
| | 01/06/94 | NA | ND |
| MW-9 | 07/28/92 | NA | ND |
| | 01/13/93 | NA | NA |
| | 04/23/93 | NA | ND |
| | 10/18/93 | NA | 0.39 |
| | 01/06/94 | NA | ND |
| | 01/06/94(D) | NA | ND |
| MW-10 | 07/28/92 | NA | ND |
| | 01/14/93 | NA | 0.2 |
| | 04/23/93 | NA | ND |
| | 10/18/93 | NA | 0.61 |
| | 01/06/94 | NA | 0.62 |
| MW-11 | 10/18/93 | NA | 0.26 |
| | 01/06/94 | NA | ND |
| MW-12 | 10/18/93 | NA | 0.12 |
| | 01/06/94 | NA | ND |
| MW-13 | 10/18/93 | NA | 0.1 |
| | 01/06/94 | NA | ND |
| ppm = Parts per million NA = Not analyzed ND = Not detected (D) = Duplicate sample See certified analytical report for detection limit. | | | |

Table 4
Soil Vapor Extraction System Mass Removal Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and Benzene)

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

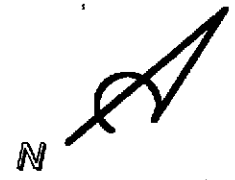
| Sample ID | Date Sampled | Hourmeter Reading (hrs) | Flow Rate (scfm) | TPH as Gasoline | | | Benzene | | |
|---|--------------|-------------------------|------------------|-------------------------------|------------------------|-----------------------|-------------------------------|------------------------|-----------------------|
| | | | | Influent Concentration (ppmv) | Removal Rate (lbs/day) | Removed to Date (lbs) | Influent Concentration (ppmv) | Removal Rate (lbs/day) | Removed to Date (lbs) |
| INFL | 08/30/93 | 6,248 | 34 | 7,801 | 99.35 | 0.00 | 123.63 | 1.29 | 0.00 |
| INFL | 08/31/93 | 6,250 | 37 | 2,364 | 33.52 | 5.54 | 28.46 | 0.33 | 0.07 |
| INFL | 09/01/93 | 6,260 | 30 | 3,073 | 35.17 | 19.85 | 48.88 | 0.46 | 0.23 |
| INFL | 09/02/93 | 6,269 | 46 | 2,080 | 36.62 | 33.31 | 54.63 | 0.79 | 0.47 |
| INFL | 09/08/93 | 6,361 | 25 | 591 | 5.64 | 114.30 | 27.91 | 0.21 | 2.39 |
| INFL | 09/14/93 | 6,502 a | 29 | 780 | 8.48 | 155.78 | 13.80 | 0.12 | 3.38 |
| INFL | 10/27/93 | 1,190.00 b | 85 | 121 | 3.90 | 155.78 | 1.52 | 0.04 | 3.38 |
| INFL | 10/28/93 | 1,213.57 | 85 | 187 | 6.03 | 160.66 | 5.18 | 0.14 | 3.47 |
| INFL | 10/29/93 | 1,328.37 | 87 | 187 | 6.18 | 189.86 | 4.03 | 0.11 | 4.06 |
| INFL | 11/11/93 | 1,511.20 | 90 | 260 | 8.90 | 247.28 | 5.46 | 0.15 | 5.06 |
| INFL | 11/22/93 | 1,779.22 | 74 | 194 | 5.45 | 327.41 | ND | 0.00 | 5.92 |
| INFL | 12/09/93 | 2,183.44 | 68 | 35 | 0.92 | 381.06 | ND | 0.00 | 5.92 |
| INFL | 01/11/94 | 2,591.27 | 60 | 165 | 3.77 | 420.92 | ND | 0.00 | 5.92 |
| INFL | 01/27/94 | 2,976.94 | 74 | 151 | 4.26 | 485.44 | ND | 0.00 | 5.92 |
| INFL | 02/10/94 | 3,199.56 | 67 | 31 | 0.78 | 508.81 | ND | 0.00 | 5.92 |
| INFL | 03/02/94 | 3,678.57 | 60 | 12 | 0.28 | 519.42 | 0.58 | 0.01 | 6.03 |
| TOTAL POUNDS REMOVED: | | | | TPH as Gasoline = | | 519.42 | Benzene= | | 6.03 |
| hrs = Hours scfm = Standard cubic feet per minute ppmv = Parts per million by volume lbs = Pounds ND = Not detected a. Internal combustion engine was operated at the site from 08/30/93 to 09/14/93. b. King-Buck Cat-Ox start-up on 10/27/93. See certified analytical reports for detection limits. | | | | | | | | | |

Table 5
Vapor-Phase Analytical Data
Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

Shell Service Station
 285 Hegenberger Road at Leet Drive
 Oakland, California

| Well Number | Date Sampled | TPH as | | | Ethyl-benzene ($\mu\text{g/L}$) | Xylenes ($\mu\text{g/L}$) |
|-------------|--------------|------------------------------|-----------------------------|-----------------------------|-----------------------------------|-----------------------------|
| | | Gasoline ($\mu\text{g/L}$) | Benzene ($\mu\text{g/L}$) | Toluene ($\mu\text{g/L}$) | | |
| VEW-1 | 08/30/93 | 140,000 | 3,300 | 860 | 1,400 | 3,400 |
| | 09/14/93 | 53,000 | 1,000 | 850 | 57 | 1,900 |
| | 10/27/93 | 26,000 | 660 | 450 | 300 | 1,300 |
| | 12/22/93 | 5.3 | ND | 0.097 | 0.11 | 0.75 |
| VEW-2 | 08/30/93 | 21,000 | ND | ND | 180 | 190 |
| | 09/14/93 | 4,200 | 23 | 26 | 8.0 | 250 |
| | 10/27/93 | 1,400 | ND | ND | 8.0 | 13 |
| | 12/22/93 | ND | ND | ND | ND | 0.25 |
| VEW-3 | 08/30/93 | 41,000 | ND | 62 | 510 | 390 |
| | 09/14/93 | 3,100 | ND | 6.4 | 14 | 79 |
| | 10/27/93 | 3,000 | ND | ND | 49 | 45 |
| | 12/22/93 | ND | ND | ND | ND | 0.27 |
| VEW-4 | 08/30/93 | 12,000 | ND | ND | 74 | 98 |
| | 09/14/93 | 5,200 | ND | 27 | ND | 160 |
| | 10/27/93 | 1,100 | ND | 4.0 | 10 | 22 |
| | 12/22/93 | NS | NS | NS | NS | NS |
| VEW-5 | 08/30/93 | 120,000 | ND | 200 | 1,900 | 1,500 |
| | 09/14/93 | 3,500 | ND | ND | 21 | 64 |
| | 10/27/93 | 9,400 | ND | ND | 100 | 71 |
| | 12/22/93 | 150 | ND | ND | ND | 0.25 |

$\mu\text{g/L}$ = Micrograms per liter
 ND = Not detected
 NS = Not sampled



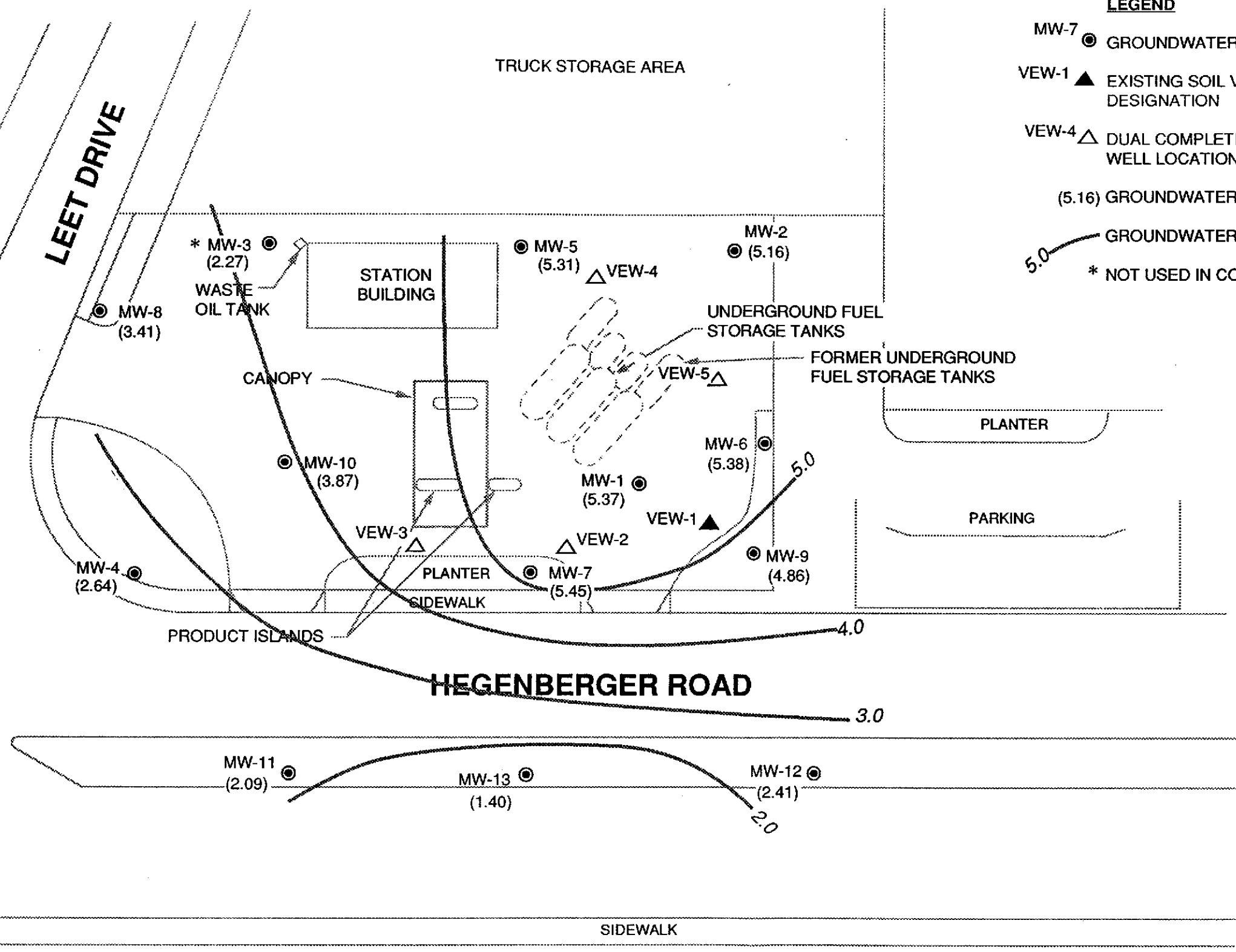
LEGEND

- MW-7 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- VEW-1 ▲ EXISTING SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- VEW-4 △ DUAL COMPLETION AIR SPARGING/SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- (5.16) GROUNDWATER ELEVATION IN FEET - MSL, 1-6-94
- 5.0 — GROUNDWATER ELEVATION CONTOUR IN FEET - MSL, 1-6-94
- * NOT USED IN CONTOURING

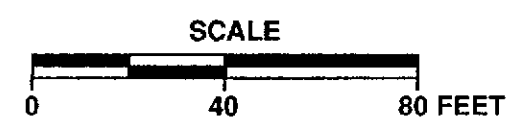


APPROXIMATE DIRECTION
OF GROUNDWATER FLOW

APPROXIMATE GRADIENT = 0.05



PACIFIC
ENVIRONMENTAL
GROUP, INC.



SHELL SERVICE STATION
285 Hegenberger Road at Leet Drive
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP

FIGURE:
1
PROJECT:
305-079.2B



LEGEND

MW-7 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

VEW-1 ▲ EXISTING SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION

VEW-4 △ DUAL COMPLETION AIR SPARGING/SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION

1.9**/ND/0.13* TPH-g/BENZENE/TPH-d CONCENTRATION IN GROUNDWATER, IN PARTS PER MILLION (ppm), 1-6-94

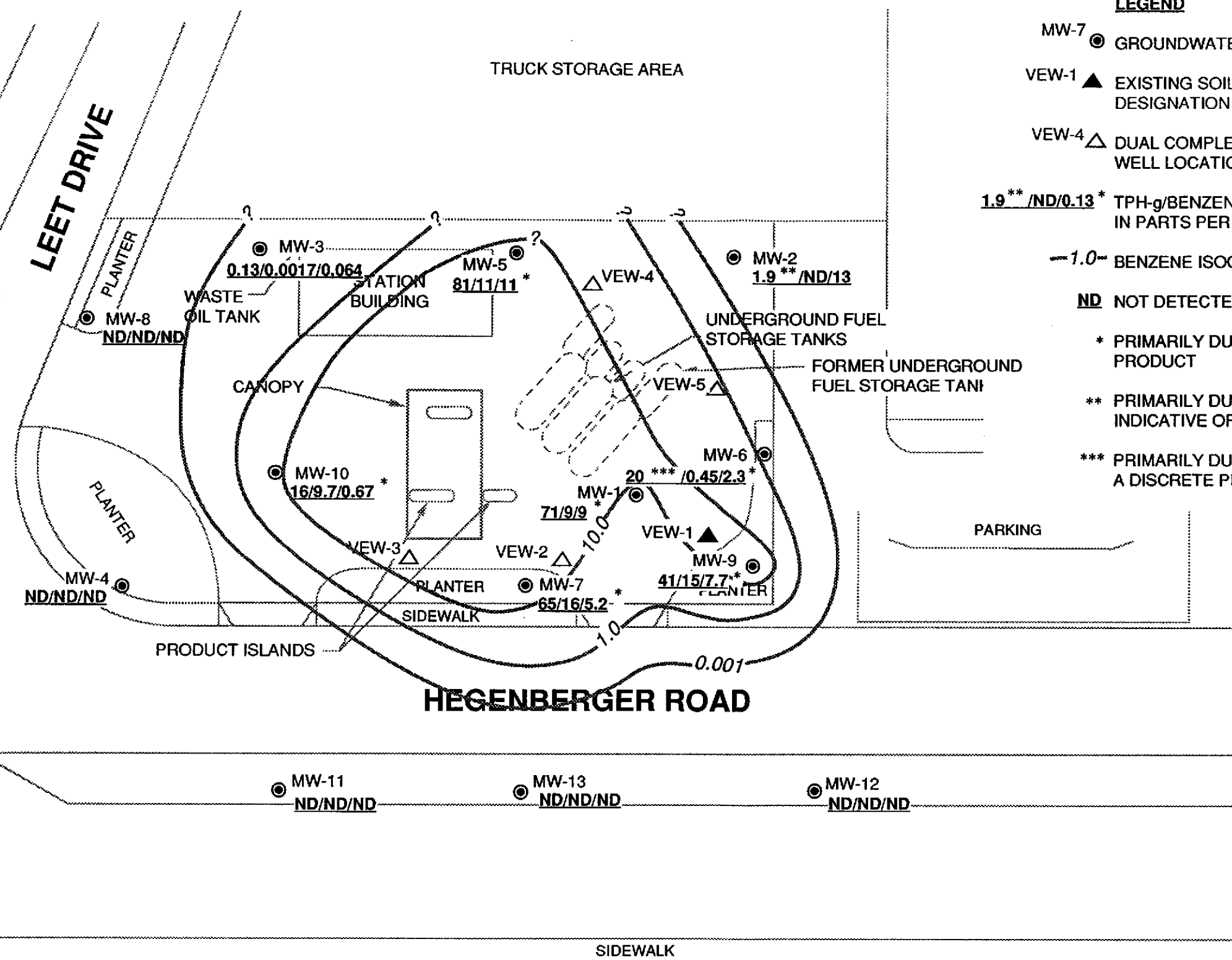
—1.0— BENZENE ISOCONCENTRATION CONTOUR IN ppm, 1-6-94

ND NOT DETECTED

* PRIMARILY DUE TO THE PRESENCE OF A LIGHTER PETROLEUM PRODUCT

** PRIMARILY DUE TO THE PRESENCE OF A DISCRETE PEAK NOT INDICATIVE OF GASOLINE

*** PRIMARILY DUE TO THE PRESENCE OF GASOLINE AND A DISCRETE PEAK NOT INDICATIVE OF GASOLINE

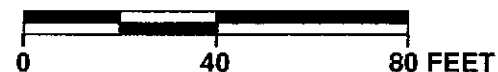


APPROXIMATE DIRECTION OF GROUNDWATER FLOW



PACIFIC ENVIRONMENTAL GROUP, INC.

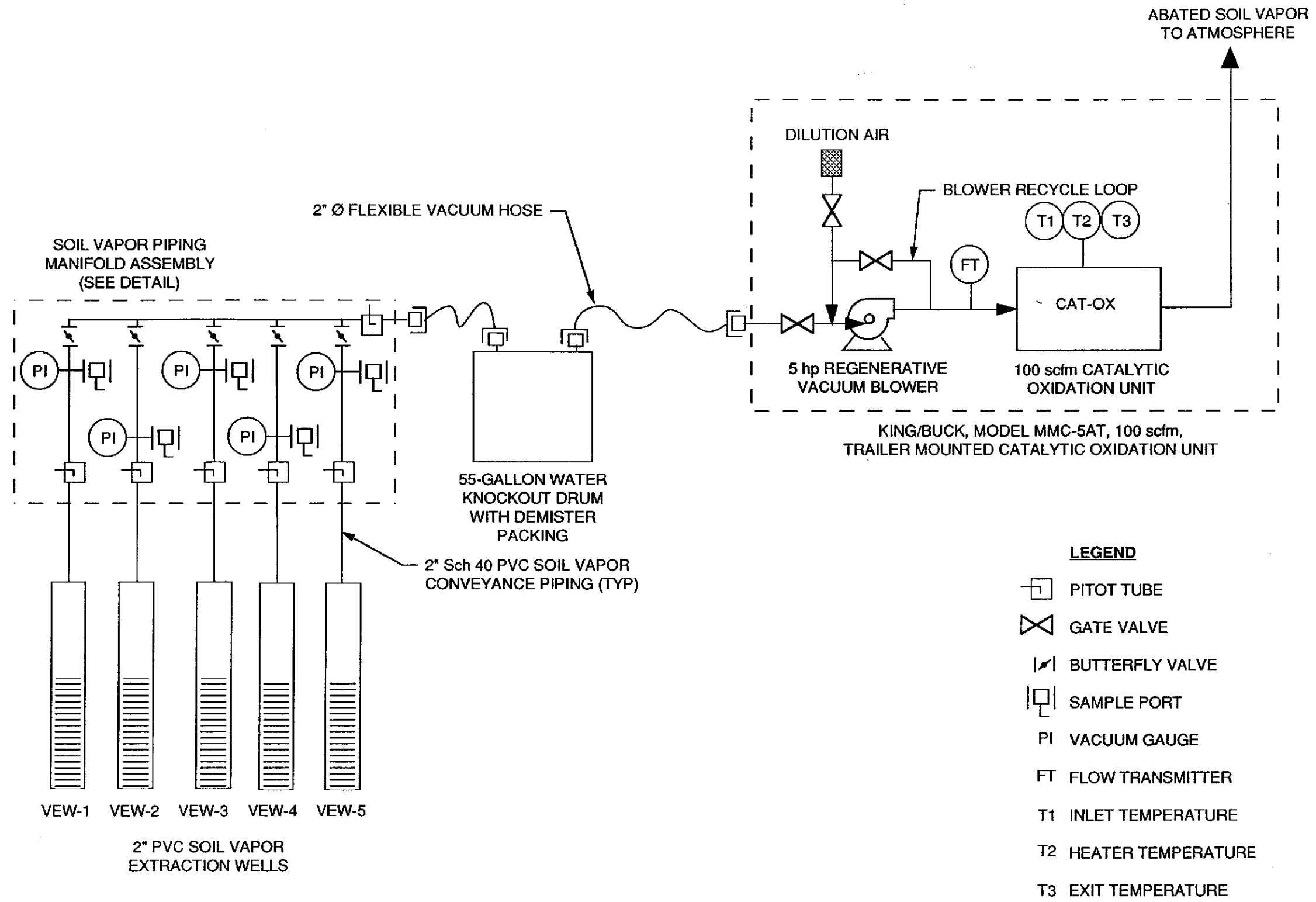
SCALE



SHELL SERVICE STATION
285 Hegenberger Road at Leet Drive
Oakland, California

TPH-g/BENZENE/TPH-d CONCENTRATION MAP

FIGURE:
2
PROJECT:
305-079.2B



PACIFIC ENVIRONMENTAL GROUP, INC.

NO SCALE

SHELL SERVICE STATION
285 Hegenberger Road at Leet Drive
Oakland, California

SOIL VAPOR EXTRACTION PROCESS FLOW DIAGRAM

FIGURE: 3
PROJECT: 305-079.2B

ATTACHMENT A
GROUNDWATER SAMPLING REPORT



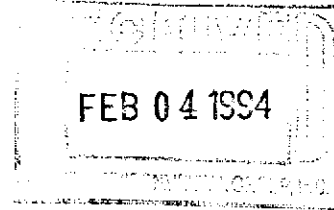
BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

January 24, 1994

Shell Oil Company
P.O. Box 5278
Concord, CA 94520-9998

Attn: Daniel Kirk



SITE:
Shell WIC #204-5508-5504
285 Hegenburger Road
Oakland, California

QUARTER:
1st quarter of 1994

QUARTERLY GROUNDWATER SAMPLING REPORT 940106-L-1

This report contains data collected during routine inspection, gauging and sampling of groundwater monitoring wells performed by Blaine Tech Services, Inc. in response to the request of the consultant who is overseeing work at this site on behalf of our mutual client, Shell Oil Company. Data collected in the course of our field work is presented in a **TABLE OF WELL GAUGING DATA**. The field information was collected during our preliminary gauging and inspection of the wells, the subsequent evacuation of each well prior to sampling, and at the time of sampling.

Measurements taken include the total depth of the well and the depth to water. The surface of water was further inspected for the presence of immiscibles which may be present as a thin film (a sheen on the surface of the water) or as a measurable free product zone (FPZ). At intervals during the evacuation phase, the purge water was monitored with instruments that measure electrical conductivity (EC), potential hydrogen (pH), temperature (degrees Fahrenheit), and turbidity (NTU). In the interest of simplicity, fundamental information is tabulated here, while the bulk of the information is turned over directly to the consultant who is making professional interpretations and evaluations of the conditions at the site.

STANDARD PROCEDURES

Evacuation

Groundwater wells are thoroughly purged before sampling to insure that the sample is collected from water that has been newly drawn into the well from the surrounding geologic formation. The selection of equipment to evacuate each well is based on the physical characteristics of the well and what is known about the performance of the formation in which the well has been installed. There are several suitable devices which can be used for evacuation. The most commonly employed devices are air or gas actuated pumps, electric submersible pumps, and hand or mechanically actuated bailers. Our personnel frequently employ USGS/Middleburg positive displacement pumps or similar air actuated pumps which do not agitate the water standing in the well.

Normal evacuation removes three case volumes of water from the well. More than three case volumes of water are removed in cases where more evacuation is needed to achieve stabilization of water parameters and when requested by the local implementing agency. Less water may be removed in cases where the well dewateres and does not recharge to 80% of its original volume within two hours and any additional time our personnel have reason to remain at the site. In such cases, our personnel return to the site within twenty four hours and collect sample material from the water which has recharged into the well case.

Decontamination

All apparatus is brought to the site in clean and serviceable condition. The equipment is decontaminated after each use and before leaving the site. Effluent water from purging and on-site equipment cleaning is collected and transported to Shell's Martinez Manufacturing Complex in Martinez, California.

Free Product Skimmer

The column headed, VOLUME OF IMMISCIBLES REMOVED (ml) is included in the TABLE OF WELL GAUGING DATA to cover situations where a free product skimming device must be removed from the well prior to gauging. Skimmers are installed in wells with a free product zone on the surface of the water. The skimmer is a free product recovery device which often prevents normal well gauging and free product zone measurements. The 2.0" and 3.0" PetroTraps fall into the category of devices that obstruct normal gauging. In cases where the consultant elects to have our personnel pull the skimmers out of the well and gauge the well, our personnel perform the additional task of draining the accumulated free product out of the PetroTrap before putting it back in the well. This

recovered free product is measured and logged in the VOLUME OF IMMISCIBLES REMOVED column. Gauging at such sites is performed in accordance with specific directions from the professional consulting firm overseeing work at the site on Shell's behalf.

Sample Containers

Sample material is collected in specially prepared containers which are provided by the laboratory that performs the analyses.

Sampling

Sample material is collected in stainless steel bailer type devices normally fitted with both a top and a bottom check valve. Water is promptly decanted into new sample containers in a manner which reduces the loss of volatile constituents and follows the applicable EPA standard for handling volatile organic and semi-volatile compounds.

Following collection, samples are promptly placed in an ice chest containing prefrozen blocks of an inert ice substitute such as Blue Ice or Super Ice. The samples are maintained in either an ice chest or a refrigerator until delivered into the custody of the laboratory.

Sample Designations

All sample containers are identified with a site designation and a discrete sample identification number specific to that particular groundwater well. Additional standard notations (e.g. time, date, sampler) are also made on the label.

Chain of Custody

Samples are continuously maintained in an appropriate cooled container while in our custody and until delivered to the laboratory under a standard Shell Oil Company chain of custody. If the samples are taken charge of by a different party (such as another person from our office, a courier, etc.) prior to being delivered to the laboratory, appropriate release and acceptance records are made on the chain of custody (time, date, and signature of the person releasing the samples followed by the time, date and signature of the person accepting custody of the samples).

Hazardous Materials Testing Laboratory

The samples obtained at this site were delivered to Anametrix, Inc. in San Jose, California. Anametrix, Inc. is a California Department of Health Services certified Hazardous Materials Testing Laboratory and is listed as DOHS HMTL #1234.

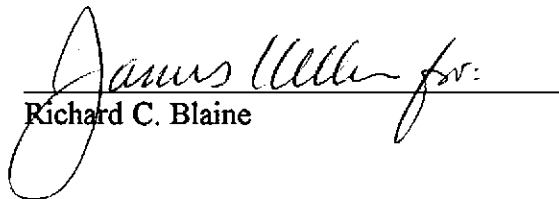
Objective Information Collection

Blaine Tech Services, Inc. performs specialized environmental sampling and documentation as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. performs no consulting and does not become involved in the marketing or installation of remedial systems of any kind. Blaine Tech Services, Inc. is concerned only with the generation of objective information, not with the use of that information to support evaluations and recommendations concerning the environmental condition of the site. Even the straightforward interpretation of objective analytical data is better performed by interested regulatory agencies, and those engineers and geologists who are engaged in the work of providing professional opinions about the site and proposals to perform additional investigation or design remedial systems.

Reportage

Submission of this report and the attached laboratory report to interested regulatory agencies is handled by the consultant in charge of the project. Any professional evaluations or recommendations will be made by the consultant under separate cover.

Please call if we can be of any further assistance.


Richard C. Blaine

RCB/lp

attachments: table of well gauging data
chain of custody
certified analytical report

cc: Pacific Environmental Group
2025 Gateway Place, Suite #440
San Jose, CA 95110
ATTN: Rhonda Barrick

TABLE OF WELL GAUGING DATA


| WELL I.D. | DATA COLLECTION DATE | MEASUREMENT REFERENCED TO | QUALITATIVE OBSERVATIONS (sheen) | DEPTH TO FIRST IMMISCIBLES LIQUID (FPZ) (feet) | THICKNESS OF IMMISCIBLES LIQUID ZONE (feet) | VOLUME OF IMMISCIBLES REMOVED (ml) | DEPTH TO WATER (feet) | DEPTH TO WELL BOTTOM (feet) |
|-----------|----------------------|---------------------------|----------------------------------|--|---|------------------------------------|-----------------------|-----------------------------|
| MW-1 | 1/6/94 | TOC | ODOR | NONE | -- | -- | 4.13 | 9.36 |
| MW-2 | 1/6/94 | TOC | ODOR | NONE | -- | -- | 5.39 | 9.59 |
| MW-3 | 1/6/94 | TOC | ODOR | NONE | -- | -- | 5.54 | 9.45 |
| MW-4 | 1/6/94 | TOC | -- | NONE | -- | -- | 7.64 | 10.11 |
| MW-5 | 1/6/94 | TOC | ODOR | NONE | -- | -- | 5.56 | 9.71 |
| MW-6 | 1/6/94 | TOC | ODOR | NONE | -- | -- | 5.66 | 11.01 |
| MW-7 | 1/6/94 | TOC | ODOR | NONE | -- | -- | 4.83 | 9.96 |
| MW-8 | 1/6/94 | TOC | -- | NONE | -- | -- | 7.20 | 9.95 |
| MW-9 * | 1/6/94 | TOC | ODOR | NONE | -- | -- | 5.62 | 10.76 |
| MW-10 | 1/6/94 | TOC | ODOR | NONE | -- | -- | 6.74 | 9.99 |
| MW-11 | 1/6/94 | TOC | -- | NONE | -- | -- | 8.47 | 13.86 |
| MW-12 | 1/6/94 | TOC | -- | NONE | -- | -- | 7.15 | 14.60 |
| MW-13 | 1/6/94 | TOC | -- | NONE | -- | -- | 8.70 | 14.36 |

* Sample DUP was a duplicate sample taken from well MW-9.

162

9401067

18 10/27


|  SHELL OIL COMPANY RETAIL ENVIRONMENTAL ENGINEERING - WEST | | | | CHAIN OF CUSTODY RECORD Serial No: <u>940106-1</u> | | | | Date: <u>1/6/94</u> Page 1 of 2 | | | | | | | | | | | | | | | |
|---|------|---|------|--|--|--|--|---|---------------------|---|-------------------|----------------------------------|---------------|-------------------|----------------|--|---------------|---|----------------------------|---------------------|--|-------------------|--|
| Site Address: 285 Hegenberger Road, Oakland | | | | Analysis Required | | | | LAB: <u>Anamatrix</u> | | | | | | | | | | | | | | | |
| WIC#: 204-5508-5504 | | | | 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 6020 <u>TPH MOTOR OIL</u> Asbestos Container Size Preparation Used Composite Y/N | CHECK ONE (1) TOX ONLY C1/01 | | TURN AROUND TIME | | | | | | | | | | | | | | | | |
| Shell Engineer: Dan Kirk | | Phone No.: (510) 675-6168 Fax #: 675-6160 | | | Quantity Monitoring <input checked="" type="checkbox"/> 6441 | | 24 hours <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| Consultant Name & Address: Blaine Tech Services, Inc. 985 Timothy Drive San Jose, CA 95133 | | | | | Soil Classy/Disposal <input type="checkbox"/> 6442 | | 48 hours <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| Consultant Contact: Jim Keller | | Phone No.: (408) 995-5535 Fax #: 293-8773 | | | Water Classy/Disposal <input type="checkbox"/> 6443 | | 16 days <input checked="" type="checkbox"/> (Informal) | | | | | | | | | | | | | | | | |
| Commons: | | | | | Soil/Air Rem. or Sys. <input type="checkbox"/> 6442 | | Other <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| Sampled by: <u>LAD B OLVER</u> | | | | Water Rem. or Sys. <input type="checkbox"/> 6443 | | Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| Printed Name: <u>LAD B OLVER</u> | | | | Other <input type="checkbox"/> | | NOTE: Hally Lab as soon as possible of 24/48 hrs. TAT. | | | | | | | | | | | | | | | | | |
| Sample ID | Date | Sludge | Soil | Water | Air | No. of conis. | 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 6020 | TPH MOTOR OIL | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS | | | | |
| ① MW-1 | 1/6 | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| ② MW-2 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| ③ MW-3 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| ④ MW-4 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| ⑤ MW-5 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| ⑥ MW-6 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| ⑦ MW-7 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| ⑧ MW-8 | 1/6 | | | X | | 5 | X | | | | | X | X | | | | | | | | | | |
| Relinquished By (signature): <u>LAD B OLVER</u> | | Printed Name: <u>LAD B OLVER</u> | | Date: <u>1-7-94</u> | | Time: <u>1635</u> | | Received (signature): <u>Benny S. Carrizosa</u> | | Printed Name: <u>Benny S. Carrizosa</u> | | Date: <u>1-7-94</u> | | Time: <u>1635</u> | | Relinquished By (signature): <u>Benny S. Carrizosa</u> | | Printed Name: <u>Benny S. Carrizosa</u> | | Date: <u>1-7-94</u> | | Time: <u>1635</u> | |
| Relinquished By (signature): <u>Benny S. Carrizosa</u> | | Printed Name: <u>Benny S. Carrizosa</u> | | Date: <u>1-7-94</u> | | Time: <u>1635</u> | | Received (signature): <u>Frank C. Falcon</u> | | Printed Name: <u>Frank C. Falcon</u> | | Date: <u>1-7-94</u> | | Time: <u>1635</u> | | Relinquished By (signature): <u>Frank C. Falcon</u> | | Printed Name: <u>Frank C. Falcon</u> | | Date: <u>1-7-94</u> | | Time: <u>1635</u> | |
| Relinquished By (signature): | | Printed Name: | | Date: | | Time: | | Received (signature): | | Printed Name: | | Date: | | Time: | | Relinquished By (signature): | | Printed Name: | | Date: | | Time: | |

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

762

9401067

18 10/27

|  SHELL OIL COMPANY RETAIL ENVIRONMENTAL ENGINEERING - WEST | | CHAIN OF CUSTODY RECORD Serial No: <u>940106-41</u> | | | | Date: <u>1/6/94</u> Page <u>2</u> of <u>2</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|--|------|--|-----|--|------------------------------|---|----------------------------------|------------------------------|----------------------------------|---|-------------------------|---------------------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------------------------|----------|----------------|------------------|---------------|----------------------|----------------------------|--------|-----|---|--|------------------------|-------|------------------|--|--|-----------------------------------|--|--|-----------------------------------|---|--|--|--|--|--------------------------------|---|---------|---|--|--|--------------------------------|--|---|---|--|--|--|--|---|---|--|--|--|--|--|--|---------|--|--|--|---|--|---|---|--|--|--|--|---|---|--|--|--|--|--|--|---------|--|--|--|---|--|---|---|--|--|--|--|---|---|--|--|--|--|--|--|---------|--|--|--|---|--|---|---|--|--|--|--|---|---|--|--|--|--|--|--|-------|--|--|--|---|--|---|---|--|--|--|--|---|---|--|--|--|--|--|--|--------|--|--|--|---|--|---|---|--|--|--|--|---|---|--|--|--|--|-------------------|--|--------|---|--|--|---|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|
| Site Address: <u>285 Hegenberger Road, Oakland</u> | | Analysis Required | | | | LAB: <u>Anametrix</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WIC#: <u>204-5508-5504</u> | | <table border="1"> <tr> <td>TPH (EPA 8015 Mod. Gas)</td> <td>TPH (EPA 8015 Mod. Diesel)</td> <td>BTEX (EPA 8020/602)</td> <td>Volatile Organics (EPA 8240)</td> <td>Test for Disposal</td> <td>Combination TPH 8015 & BTEX 8020</td> <td>TPH MOTOR OIL</td> <td>Asbestos</td> <td>Container Size</td> <td>Preparation Used</td> <td>Composite Y/N</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | 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 | TPH MOTOR OIL | Asbestos | Container Size | Preparation Used | Composite Y/N | | | | | | | | | | | | <table border="1"> <tr> <th>CHECK ONE (1) BOX ONLY</th> <th>CI/DI</th> <th>TURN AROUND TIME</th> </tr> <tr> <td>Quantity Monitoring <input checked="" type="checkbox"/> 6441</td> <td></td> <td>24 hours <input type="checkbox"/></td> </tr> <tr> <td>Site Investigation <input type="checkbox"/> 6442</td> <td></td> <td>48 hours <input type="checkbox"/></td> </tr> <tr> <td>Soil Classfy/Disposal <input type="checkbox"/> 6443</td> <td></td> <td>14 days <input checked="" type="checkbox"/> (Normal)</td> </tr> <tr> <td>Water Classfy/Disposal <input type="checkbox"/> 6443</td> <td></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Soil/Air Sam. of Sys. O & M <input type="checkbox"/> 6442</td> <td></td> <td rowspan="2">NOTE: Hold by Lab as soon as Possible of 24/48 hr. Lab.</td> </tr> <tr> <td>Water Sam. of Sys. O & M <input type="checkbox"/> 6443</td> <td></td> </tr> <tr> <td>Other <input type="checkbox"/></td> <td></td> <td></td> </tr> </table> | | CHECK ONE (1) BOX ONLY | CI/DI | TURN AROUND TIME | Quantity Monitoring <input checked="" type="checkbox"/> 6441 | | 24 hours <input type="checkbox"/> | Site Investigation <input type="checkbox"/> 6442 | | 48 hours <input type="checkbox"/> | Soil Classfy/Disposal <input type="checkbox"/> 6443 | | 14 days <input checked="" type="checkbox"/> (Normal) | Water Classfy/Disposal <input type="checkbox"/> 6443 | | Other <input type="checkbox"/> | Soil/Air Sam. of Sys. O & M <input type="checkbox"/> 6442 | | NOTE: Hold by Lab as soon as Possible of 24/48 hr. Lab. | Water Sam. of Sys. O & M <input type="checkbox"/> 6443 | | Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | TPH MOTOR OIL | Asbestos | Container Size | Preparation Used | Composite Y/N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECK ONE (1) BOX ONLY | CI/DI | | | | | TURN AROUND TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quantity Monitoring <input checked="" type="checkbox"/> 6441 | | | | | | 24 hours <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Investigation <input type="checkbox"/> 6442 | | 48 hours <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Soil Classfy/Disposal <input type="checkbox"/> 6443 | | 14 days <input checked="" type="checkbox"/> (Normal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Classfy/Disposal <input type="checkbox"/> 6443 | | Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Soil/Air Sam. of Sys. O & M <input type="checkbox"/> 6442 | | NOTE: Hold by Lab as soon as Possible of 24/48 hr. Lab. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Sam. of Sys. O & M <input type="checkbox"/> 6443 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shell Engineer: <u>Dan Kirk</u> Phone No.: (510) <u>575-6168</u> Fax #: <u>675-6160</u> | | Consultant Name & Address: <u>Blaine Tech Services, Inc.</u> <u>985 Timothy Drive San Jose, CA 95133</u> | | Consultant Contact: <u>Jim Keller</u> Phone No.: (408) <u>995-5535</u> Fax #: <u>293-8773</u> | | Commons: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampled by: <u>LAD B OLVER</u> | | Printed Name: <u>LAD B OLVER</u> | | <table border="1"> <thead> <tr> <th>Sample ID</th> <th>Date</th> <th>Sludge</th> <th>Soil</th> <th>Water</th> <th>Air</th> <th>No. of conis.</th> <th>TPH (EPA 8015 Mod. Gas)</th> <th>TPH (EPA 8015 Mod. Diesel)</th> <th>BTEX (EPA 8020/602)</th> <th>Volatile Organics (EPA 8240)</th> <th>Test for Disposal</th> <th>Combination TPH 8015 & BTEX 8020</th> <th>TPH MOTOR OIL</th> <th>Asbestos</th> <th>Container Size</th> <th>Preparation Used</th> <th>Composite Y/N</th> <th>MATERIAL DESCRIPTION</th> <th>SAMPLE CONDITION/ COMMENTS</th> </tr> </thead> <tbody> <tr> <td>⑨ MW-9</td> <td>1/6</td> <td></td> <td></td> <td>X</td> <td></td> <td>5</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>⑩ MW-10</td> <td>1</td> <td></td> <td></td> <td>X</td> <td></td> <td>5</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>⑪ MW-11</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>5</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>⑫ MW-12</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>5</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>⑬ MW-13</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>5</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>⑭ DUP</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>5</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>⑮ E.B.</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>5</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>PLACE EB ON HOLD.</td> <td></td> </tr> <tr> <td>⑯ T.B.</td> <td>1</td> <td></td> <td></td> <td>X</td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | Sample ID | Date | Sludge | Soil | Water | Air | No. of conis. | 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 | TPH MOTOR OIL | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS | ⑨ MW-9 | 1/6 | | | X | | 5 | X | | | | | X | X | | | | | | | ⑩ MW-10 | 1 | | | X | | 5 | X | | | | | X | X | | | | | | | ⑪ MW-11 | | | | X | | 5 | X | | | | | X | X | | | | | | | ⑫ MW-12 | | | | X | | 5 | X | | | | | X | X | | | | | | | ⑬ MW-13 | | | | X | | 5 | X | | | | | X | X | | | | | | | ⑭ DUP | | | | X | | 5 | X | | | | | X | X | | | | | | | ⑮ E.B. | | | | X | | 5 | X | | | | | X | X | | | | | PLACE EB ON HOLD. | | ⑯ T.B. | 1 | | | X | | 2 | | | | | | X | | | | | | | |
| Sample ID | Date | Sludge | Soil | Water | Air | No. of conis. | 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 | TPH MOTOR OIL | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑨ MW-9 | 1/6 | | | X | | 5 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑩ MW-10 | 1 | | | X | | 5 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑪ MW-11 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑫ MW-12 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑬ MW-13 | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑭ DUP | | | | X | | 5 | X | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑮ E.B. | | | | X | | 5 | X | | | | | X | X | | | | | PLACE EB ON HOLD. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑯ T.B. | 1 | | | X | | 2 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By (Signature): <u>LAD B OLVER</u> | | Printed Name: <u>LAD B OLVER</u> | | Date: <u>1-7-94</u> | | Received (Signature): <u>Benny S. Carrizosa</u> | | Printed Name: <u>Benny S. Carrizosa</u> | | Date: <u>1-7-94</u> | | Received (Signature): <u>Brandi C. Falcon</u> | | Printed Name: <u>Brandi C. Falcon</u> | | Date: <u>1-7-94</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By (Signature): <u>Benny S. Carrizosa</u> | | Printed Name: <u>Benny S. Carrizosa</u> | | Date: <u>1-7-94</u> | | Received (Signature): <u>Brandi C. Falcon</u> | | Printed Name: <u>Brandi C. Falcon</u> | | Date: <u>1-7-94</u> | | Received (Signature): <u>Brandi C. Falcon</u> | | Printed Name: <u>Brandi C. Falcon</u> | | Date: <u>1-7-94</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By (Signature): <u>Brandi C. Falcon</u> | | Printed Name: <u>Brandi C. Falcon</u> | | Date: <u>1-7-94</u> | | Received (Signature): <u>Brandi C. Falcon</u> | | Printed Name: <u>Brandi C. Falcon</u> | | Date: <u>1-7-94</u> | | Received (Signature): <u>Brandi C. Falcon</u> | | Printed Name: <u>Brandi C. Falcon</u> | | Date: <u>1-7-94</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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



Inchcape Testing Services

Anametrix Laboratories

1961 Concourse Drive
 Suite E
 San Jose, CA 95131
 Tel: 408-432-8192
 Fax: 408-432-8198

MR. JIM KELLER
 BLAINE TECH
 985 TIMOTHY DRIVE
 SAN JOSE, CA 95133

Workorder # : 9401067
 Date Received : 01/07/94
 Project ID : 204-5508-5504
 Purchase Order: MOH-B813

The following samples were received at Anametrix for analysis :

| ANAMETRIX ID | CLIENT SAMPLE ID |
|--------------|------------------|
| 9401067- 1 | MW-1 |
| 9401067- 2 | MW-2 |
| 9401067- 3 | MW-3 |
| 9401067- 4 | MW-4 |
| 9401067- 5 | MW-5 |
| 9401067- 6 | MW-6 |
| 9401067- 7 | MW-7 |
| 9401067- 8 | MW-8 |
| 9401067- 9 | MW-9 |
| 9401067-10 | MW-10 |
| 9401067-11 | MW-11 |
| 9401067-12 | MW-12 |
| 9401067-13 | MW-13 |
| 9401067-14 | DUP |
| 9401067-15 | E.B. |
| 9401067-16 | T.B. |

This report consists of 17 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Anametrix cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

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



 Doug Robbins
 Laboratory Director

1/27/94

 Date

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

MR. JIM KELLER
BLAINE TECH
985 TIMOTHY DRIVE
SAN JOSE, CA 95133

Workorder # : 9401067
Date Received : 01/07/94
Project ID : 204-5508-5504
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

| ANAMETRIX SAMPLE ID | CLIENT SAMPLE ID | MATRIX | DATE SAMPLED | METHOD |
|------------------------|---------------------|--------|-----------------|----------|
| 9401067- 1 | MW-1 | WATER | 01/06/94 | TPHd |
| 9401067- 2 | MW-2 | WATER | 01/06/94 | TPHd |
| 9401067- 3 | MW-3 | WATER | 01/06/94 | TPHd |
| 9401067- 4 | MW-4 | WATER | 01/06/94 | TPHd |
| 9401067- 5 | MW-5 | WATER | 01/06/94 | TPHd |
| 9401067- 6 | MW-6 | WATER | 01/06/94 | TPHd |
| 9401067- 7 | MW-7 | WATER | 01/06/94 | TPHd |
| 9401067- 8 | MW-8 | WATER | 01/06/94 | TPHd |
| 9401067- 9 | MW-9 | WATER | 01/06/94 | TPHd |
| 9401067-10 | MW-10 | WATER | 01/06/94 | TPHd |
| 9401067-11 | MW-11 | WATER | 01/06/94 | TPHd |
| 9401067-12 | MW-12 | WATER | 01/06/94 | TPHd |
| 9401067-13 | MW-13 | WATER | 01/06/94 | TPHd |
| 9401067-14 | DUP | WATER | 01/06/94 | TPHd |
| 9401067- 1 | MW-1 | WATER | 01/06/94 | TPHgBTEX |
| 9401067- 2 | MW-2 | WATER | 01/06/94 | TPHgBTEX |
| 9401067- 3 | MW-3 | WATER | 01/06/94 | TPHgBTEX |
| 9401067- 4 | MW-4 | WATER | 01/06/94 | TPHgBTEX |
| 9401067- 5 | MW-5 | WATER | 01/06/94 | TPHgBTEX |
| 9401067- 6 | MW-6 | WATER | 01/06/94 | TPHgBTEX |

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

MR. JIM KELLER
BLAINE TECH
985 TIMOTHY DRIVE
SAN JOSE, CA 95133

Workorder # : 9401067
Date Received : 01/07/94
Project ID : 204-5508-5504
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

| ANAMETRIX SAMPLE ID | CLIENT SAMPLE ID | MATRIX | DATE SAMPLED | METHOD |
|------------------------|---------------------|--------|-----------------|----------|
| 9401067- 7 | MW-7 | WATER | 01/06/94 | TPHgBTEX |
| 9401067- 8 | MW-8 | WATER | 01/06/94 | TPHgBTEX |
| 9401067- 9 | MW-9 | WATER | 01/06/94 | TPHgBTEX |
| 9401067-10 | MW-10 | WATER | 01/06/94 | TPHgBTEX |
| 9401067-11 | MW-11 | WATER | 01/06/94 | TPHgBTEX |
| 9401067-12 | MW-12 | WATER | 01/06/94 | TPHgBTEX |
| 9401067-13 | MW-13 | WATER | 01/06/94 | TPHgBTEX |
| 9401067-14 | DUP | WATER | 01/06/94 | TPHgBTEX |
| 9401067-16 | T.B. | WATER | 01/06/94 | TPHgBTEX |

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

MR. JIM KELLER
BLAINE TECH
985 TIMOTHY DRIVE
SAN JOSE, CA 95133

Workorder # : 9401067
Date Received : 01/07/94
Project ID : 204-5508-5504
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentration reported as gasoline for sample MW-2 is primarily due to the presence of a discrete peak not indicative of gasoline.
- The concentration reported as gasoline for sample MW-6 is due to a combination of gasoline and a discrete peak not indicative of gasoline.
- The concentrations reported as diesel for samples MW-1, MW-5, MW-6, MW-7, MW-9, DUP and MW-10 are primarily due to the presence of a lighter petroleum product of hydrocarbon range C6-C12, possibly gasoline.

Cheryl Balam
Department Supervisor

1/24/94
Date

Lucia Shor 1/24/94
Chemist Date

Organic Analysis Data Sheet
 Total Petroleum Hydrocarbons as Gasoline with BTEX
 ITS - Anametrix Laboratories - (408)432-8192

Lab Workorder : 9401067

Client Project ID : 204-5508-5504

Matrix : WATER

Units : ug/L

| Compound Name | Method Reporting Limit* | Client ID | Client ID | Client ID | Client ID | Client ID |
|--------------------|-------------------------|------------|------------|------------|------------|------------|
| | | MW-11 | MW-12 | MW-13 | DUP | T.B. |
| | | Lab ID | Lab ID | Lab ID | Lab ID | Lab ID |
| | | 9401067-11 | 9401067-12 | 9401067-13 | 9401067-14 | 9401067-16 |
| Benzene | 0.50 | ND | ND | ND | 15000 | ND |
| Toluene | 0.50 | ND | ND | ND | 920 | ND |
| Ethylbenzene | 0.50 | ND | ND | ND | 1300 | ND |
| Total Xylenes | 0.50 | ND | ND | ND | 8000 | ND |
| TPH as Gasoline | 50 | ND | ND | ND | 43000 | ND |
| Surrogate Recovery | | 106% | 103% | 111% | 109% | 104% |
| Instrument ID | | HP4 | HP4 | HP4 | HP4 | HP4 |
| Date Sampled | | 01/06/94 | 01/06/94 | 01/06/94 | 01/06/94 | 01/06/94 |
| Date Analyzed | | 01/13/94 | 01/13/94 | 01/13/94 | 01/13/94 | 01/13/94 |
| RLMF | | 1 | 1 | 1 | 500 | 1 |
| Filename Reference | | FPJ06711.D | FPJ06712.D | FPJ06713.D | FPJ06714.D | FPJ06716.D |

* The Method Reporting Limit must be multiplied by the Reporting Limit Multiplication Factor (RLMF) to achieve the compound's reporting limit in the analysis.

ND : Not detected at or above the reporting limit for the analysis as performed.

TPHg : Determined by GC/FID following sample purge & trap by EPA Method 5030.

BTEX : Determined by modified EPA Method 8020 following sample purge & trap by EPA Method 5030.

Lab Control Limits for surrogate compound p-Bromofluorobenzene are 61-139%.

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

Luana Shes 1/24/94
 Analyst Date

Cheryl Palmer 1/24/94
 Supervisor Date

Laboratory Control Spike Report
Total Petroleum Hydrocarbons as Gasoline
ITS - Anamatrix Laboratories - (408)432-8192

Instrument ID : HP4

Analyst : IS

Matrix : LIQUID

Supervisor : CS

Units : ug/L

| COMPOUND NAME | SPIKE AMOUNT | LCS RECOVERY | RECOVERY LIMITS |
|--------------------|--------------|--------------|-----------------|
| Gasoline | 500 | 122% | 56-141 |
| Surrogate Recovery | | 111% | 61-139 |
| Date Analyzed | | 01/13/94 | |
| Multiplier | | 1 | |
| Filename Reference | | MJ1202E1.D | |

* Limits established by Incheape Testing Services, Anamatrix Laboratories.

Laboratory Control Spike Report
Total Petroleum Hydrocarbons as Gasoline
ITS - Anamatrix Laboratories - (408)432-8192

Instrument ID : HP4

Analyst : IS

Matrix : LIQUID

Supervisor : CS

Units : ug/L

| COMPOUND NAME | SPIKE AMOUNT | LCS RECOVERY | RECOVERY LIMITS |
|--------------------|--------------|--------------|-----------------|
| Gasoline | 500 | 102% | 56-141 |
| Surrogate Recovery | | 109% | 61-139 |
| Date Analyzed | | 01/14/94 | |
| Multiplier | | 1 | |
| Filename Reference | | MJ1302E1.D | |

* Limits established by Incheape Testing Services, Anamatrix Laboratories.

Laboratory Control Spike Report
Total Petroleum Hydrocarbons as BTEX
ITS - Anametrix Laboratories - (408)432-8192

Instrument ID : HP4
 Matrix : LIQUID

Analyst : JS
 Supervisor : CS
 Units : ug/L

| COMPOUND NAME | SPIKE AMOUNT | LCS RECOVERY | RECOVERY LIMITS |
|--------------------|--------------|--------------|-----------------|
| Benzene | 20 | 125% | 52-133 |
| Toluene | 20 | 130% | 57-136 |
| Ethylbenzene | 20 | 135% | 56-139 |
| Total Xylenes | 20 | 125% | 56-141 |
| Surrogate Recovery | | 100% | 61-139 |
| Date Analyzed | | 01/14/94 | |
| Multiplier | | 1 | |
| Filename Reference | | MJ1401E1.D | |

* Limits established by Inchcape Testing Services, Anametrix Laboratories.

Matrix Spike Report
Total Petroleum Hydrocarbons as Gasoline
ITS - Anametrix Laboratories - (408)432-8192

Project ID : 204-5508-5504
 Sample ID : MW-3
 Matrix : WATER
 Date Sampled : 01/06/94

Laboratory ID : 9401067-03
 Analyst : IS
 Supervisor : *LS*
 Instrument ID : HP4
 Units : ug/L

| COMPOUND NAME | SPIKE AMOUNT | SAMPLE RESULTS | MS RECOVERY | MSD RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS |
|--------------------|--------------|----------------|-------------|--------------|-----------------|-----|------------|
| Gasoline | 500 | 130 | 108% | 104% | 50-139 | 4% | 30 |
| Surrogate Recovery | | 119% | 120% | 116% | | | |
| Date Analyzed | | 01/13/94 | 01/13/94 | 01/13/94 | | | |
| Multiplier | | 1 | 1 | 1 | | | |
| Filename Reference | | FPJ06703.D | FMJ06703.D | FDJ06703.D | | | |

* Limits established by Inchcape Testing Services, Anametrix Laboratories.

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

Anametrix W.O.: 9401067
Matrix : WATER
Date Sampled : 01/06/94
Date Extracted: 01/11/94

Project Number : 204-5508-5504
Date Released : 01/21/94
Instrument I.D.: HP19

| Anametrix I.D. | Client I.D. | Date Analyzed | Reporting Limit (ug/L) | Amount Found (ug/L) | Surrogate %Rec |
|----------------|--------------|---------------|------------------------|---------------------|----------------|
| 9401067-01 | MW-1 | 01/13/94 | 250 | 9000 | 55% |
| 9401067-02 | MW-2 | 01/12/94 | 50 | 130 | 81% |
| 9401067-03 | MW-3 | 01/12/94 | 50 | 64 | 86% |
| 9401067-04 | MW-4 | 01/12/94 | 50 | ND | 79% |
| 9401067-05 | MW-5 | 01/14/94 | 500 | 11000 | 37% |
| 9401067-06 | MW-6 | 01/13/94 | 50 | 2300 | 57% |
| 9401067-07 | MW-7 | 01/14/94 | 250 | 5200 | 56% |
| 9401067-08 | MW-8 | 01/13/94 | 50 | ND | 82% |
| 9401067-09 | MW-9 | 01/14/94 | 250 | 7700 | 75% |
| 9401067-11 | MW-11 | 01/13/94 | 50 | ND | 87% |
| 9401067-12 | MW-12 | 01/13/94 | 50 | ND | 75% |
| 9401067-13 | MW-13 | 01/13/94 | 50 | ND | 83% |
| 9401067-14 | DUP | 01/14/94 | 250 | 8300 | 92% |
| BJ1111F9 | METHOD BLANK | 01/12/94 | 50 | ND | 60% |

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.

The surrogate recovery limits for C25 are 30-130%.

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.

Lucia Shea 1/24/94
Analyst Date

Cheryl Baldwin 1/24/94
Supervisor Date

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

Anamatrix W.O.: 9401067
Matrix : WATER
Date Sampled : 01/06/94
Date Extracted: 01/11/94

Project Number : 204-5508-5504
Date Released : 01/21/94
Instrument I.D.: HP19

| Anamatrix I.D. | Client I.D. | Date Analyzed | Reporting Limit (ug/L) | Amount Found (ug/L) | Surrogate %Rec |
|----------------|--------------|---------------|------------------------|---------------------|----------------|
| 9401067-01 | MW-1 | 01/13/94 | 500 | ND | 55% |
| 9401067-02 | MW-2 | 01/12/94 | 100 | ND | 81% |
| 9401067-03 | MW-3 | 01/12/94 | 100 | ND | 86% |
| 9401067-04 | MW-4 | 01/12/94 | 100 | ND | 79% |
| 9401067-05 | MW-5 | 01/14/94 | 1000 | ND | 37% |
| 9401067-06 | MW-6 | 01/13/94 | 100 | ND | 57% |
| 9401067-07 | MW-7 | 01/14/94 | 500 | ND | 56% |
| 9401067-08 | MW-8 | 01/13/94 | 100 | ND | 82% |
| 9401067-09 | MW-9 | 01/14/94 | 500 | ND | 75% |
| 9401067-11 | MW-11 | 01/13/94 | 100 | ND | 87% |
| 9401067-12 | MW-12 | 01/13/94 | 100 | ND | 75% |
| 9401067-13 | MW-13 | 01/13/94 | 100 | ND | 83% |
| 9401067-14 | DUP | 01/14/94 | 500 | ND | 92% |
| BJ1111F9 | METHOD BLANK | 01/12/94 | 100 | ND | 60% |

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.

The surrogate recovery limits for C25 are 30-130%.

ND - Not detected at or above the practical quantitation limit for the method.

TPHd - Total Petroleum Hydrocarbons as motor oil is determined by GCFID following sample extraction by EPA Method 3510.

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

Lucia Sher 1/24/94
Analyst Date

Cheryl Baermer 1/21/94
Supervisor Date

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

Anametrix W.O.: 9401067
Matrix : WATER
Date Sampled : 01/06/94
Date Extracted: 01/18/94

Project Number : 204-5508-5504
Date Released : 01/21/94
Instrument I.D.: HP9

| Anametrix I.D. | Client I.D. | Date Analyzed | Reporting Limit (ug/L) | Amount Found (ug/L) | Surrogate %Rec |
|----------------|--------------|---------------|------------------------|---------------------|----------------|
| 9401067-10 | MW-10 | 01/21/94 | 50 | 670 | 43% |
| BJ1812F1 | METHOD BLANK | 01/21/94 | 50 | ND | 53% |

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
The surrogate recovery limits for C25 are 30-130%.

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.

Doski 1/26/94
Analyst Date

Cheryl Beelmer 1/26/94
Supervisor Date

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

Anamatrix W.O.: 9401067
Matrix : WATER
Date Sampled : 01/06/94
Date Extracted: 01/18/94

Project Number : 204-5508-5504
Date Released : 01/21/94
Instrument I.D.: HP9

| Anamatrix I.D. | Client I.D. | Date Analyzed | Reporting Limit (ug/L) | Amount Found (ug/L) | Surrogate %Rec |
|----------------|--------------|---------------|------------------------|---------------------|----------------|
| 9401067-10 | MW-10 | 01/21/94 | 100 | 620 | 43% |
| BJ1812F1 | METHOD BLANK | 01/21/94 | 100 | ND | 53% |

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
The surrogate recovery limits for C25 are 30-130%.

ND - Not detected at or above the practical quantitation limit for the method.

TPHd - Total Petroleum Hydrocarbons as motor oil is determined by GCFID following sample extraction by EPA Method 3510.

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

Josh
Analyst

1/26/94
Date

Cheryl Palmer
Supervisor

1/26/94
Date

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

Sample I.D. : LAB CONTROL SAMPLE
 Matrix : WATER
 Date Sampled : N/A
 Date Extracted: 01/11/94
 Date Analyzed : 01/12/94

Anamatrix I.D. : MJ1111F9
 Analyst : JS
 Supervisor : *CS*
 Date Released : 01/21/94
 Instrument I.D.: HP19

| COMPOUND | SPIKE AMT (ug/L) | LCS REC (ug/L) | % REC LCS | LCSD REC (ug/L) | % REC LCSD | RPD | % REC LIMITS |
|-----------|------------------------|----------------------|--------------|-----------------------|---------------|-----|-----------------|
| DIESEL | 1250 | 940 | 75% | 990 | 79% | 5% | 47-130 |
| SURROGATE | | | 88% | | 97% | | 30-130 |

* Quality control limits established by Anamatrix, 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
 Matrix : WATER
 Date Sampled : N/A
 Date Extracted: 01/18/94
 Date Analyzed : 01/19/94

Anamatrix I.D. : MJ1812F1
 Analyst : IS
 Supervisor : Ø
 Date Released : 01/21/94
 Instrument I.D.: HP23

| COMPOUND | SPIKE AMT (ug/L) | LCS REC (ug/L) | % REC LCS | LCSD REC (ug/L) | % REC LCSD | RPD | % REC LIMITS |
|-----------|------------------------|----------------------|--------------|-----------------------|---------------|------|-----------------|
| DIESEL | 1250 | 800 | 64% | 700 | 56% | -13% | 47-130 |
| SURROGATE | | | 67% | | 73% | | 30-130 |

* Quality control limits established by Anamatrix, Inc.

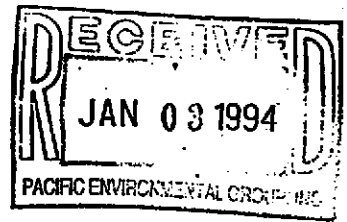
ATTACHMENT B

**CERTIFIED ANALYTICAL REPORTS
AND CHAIN-OF-CUSTODY DOCUMENTATION**



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233



Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Justin Hawkins

Project: 305-79.01/Shell, Oakland

Enclosed are the results from 5 air samples received at Sequoia Analytical on December 23, 1993. The requested analyses are listed below:

| SAMPLE # | SAMPLE DESCRIPTION | DATE OF COLLECTION | TEST METHOD |
|----------|--------------------|--------------------|--------------------|
| 3LC3301 | Air, VEW-1 | 12/22/93 | EPA 5030/8015/8020 |
| 3LC3302 | Air, VEW-2 | 12/22/93 | EPA 5030/8015/8020 |
| 3LC3303 | Air, VEW-3 | 12/22/93 | EPA 5030/8015/8020 |
| 3LC3304 | Air, VEW-5 | 12/22/93 | EPA 5030/8015/8020 |
| 3LC3305 | Air, Effi | 12/22/93 | EPA 5030/8015/8020 |

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

| | | |
|-------------------------------|---|------------------------|
| Pacific Environmental Group | Client Project ID: 305-79.01/Shell, Oakland | Sampled: Dec 22, 1993 |
| 2025 Gateway Place, Suite 440 | Sample Matrix: Air | Received: Dec 23, 1993 |
| San Jose, CA 95110 | Analysis Method: EPA 5030/8015/8020 | Reported: Dec 29, 1993 |
| Attention: Justin Hawkins | First Sample #: 3LC3301 | |

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Analyte | Reporting Limit µg/L | Sample I.D. 3LC3301 VEW-1 | Sample I.D. 3LC3302 VEW-2 | Sample I.D. 3LC3303 VEW-3 | Sample I.D. 3LC3304 VEW-5 | Sample I.D. 3LC3305 Eff |
|------------------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------------------|
| Purgeable Hydrocarbons | 5.0 | 5.3 | N.D. | N.D. | 150 | N.D. |
| Benzene | 0.050 | N.D. | N.D. | N.D. | N.D. | N.D. |
| Toluene | 0.050 | 0.097 | N.D. | N.D. | N.D. | N.D. |
| Ethyl Benzene | 0.050 | 0.11 | N.D. | N.D. | N.D. | N.D. |
| Total Xylenes | 0.050 | 0.75 | 0.25 | 0.27 | 0.25 | N.D. |
| Chromatogram Pattern: | | Gas | -- | -- | Gas + Discrete Peaks | -- |

Quality Control Data

| | | | | | |
|---|----------|----------|----------|----------|----------|
| Report Limit Multiplication Factor: | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Date Analyzed: | 12/23/93 | 12/23/93 | 12/23/93 | 12/23/93 | 12/23/93 |
| Instrument Identification: | GCHP-17 | GCHP-17 | GCHP-17 | GCHP-17 | GCHP-17 |
| Surrogate Recovery, %: (QC Limits = 70-130%) | 92 | 94 | 93 | 118 | 96 |

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Justin Hawkins

Client Project ID: 305-79.01/Shell, Oakland

QC Sample Group: 3LC3301-05

Reported: Dec 29, 1993

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|----------|----------|----------|---------------|----------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | M. Nipp | M. Nipp | M. Nipp | M. Nipp |

| | | | | |
|------------------------------------|----------|----------|----------|----------|
| MS/MSD Batch#: | G3LA6702 | G3LA6702 | G3LA6702 | G3LA6702 |
| Date Prepared: | N.A. | N.A. | N.A. | N.A. |
| Date Analyzed: | 12/23/93 | 12/23/93 | 12/23/93 | 12/23/93 |
| Instrument I.D.#: | GCHP-17 | GCHP-17 | GCHP-17 | GCHP-17 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L |
| Matrix Spike % Recovery: | 97 | 100 | 98 | 100 |
| Matrix Spike Duplicate % Recovery: | 99 | 100 | 100 | 100 |
| Relative % Difference: | 2.0 | 0.0 | 2.0 | 0.0 |

LCS Batch#:

Date Prepared:
Date Analyzed:
Instrument I.D.#:

LCS %
Recovery:

| | | | | |
|----------------------------|--------|--------|--------|--------|
| % Recovery Control Limits: | 71-133 | 72-128 | 72-130 | 71-120 |
|----------------------------|--------|--------|--------|--------|

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.



SHELL OIL COMPANY 305-7901
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: _____

Date: 12/23/93

Page 1 of 1

Site Address: 285 Hengenberger Oakland

Analysis Required

LAB: Sequent

WIC#: 204-7620-1502

Shell Engineer: DAN Kirk
 Phone No.: 635408
 Fax #: 675 6172

Consultant Name & Address:
 PACIFIC ENVIRONMENTAL GROUP, INC.
 2025 GATEWAY PLACE, Ste. 440 SAN JOSE, CALIFORNIA 95110

Consultant Contact: JUSTIN Hawkins
 Phone No.: 408 441-7500
 Fax #: 441-7539

Comments:

Sampled by: Joe Vozzola

Printed Name: Joe Vozzola

| 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 GAS | Asbestos | Container Size | Preparation Used | Composite Y/N | CHECK ONE (1) BOX ONLY | | TURN AROUND TIME |
|------------------|----------|--------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|--------------------------------------|----------|----------------|------------------|---------------|------------------------|--|---|
| | | | | | | | | | | | | | | | | | CT/DT | | |
| VEW-1 | 12/14/93 | | | | X | 1 | | | | | | X | | | | | | <input type="checkbox"/> 4461 | 24 hours <input type="checkbox"/> |
| VEW-2 | | | | | | | | | | | | | | | | | | <input type="checkbox"/> 4441 | 48 hours <input type="checkbox"/> |
| VEW-3 | | | | | | | | | | | | | | | | | | <input type="checkbox"/> 4442 | 15 days <input checked="" type="checkbox"/> (Normal) |
| VEW-4 | | | | | | | | | | | | | | | | | | <input type="checkbox"/> 4443 | Other <input type="checkbox"/> |
| VEW-5 | | | | | X | | | | | | | | | | | | | <input checked="" type="checkbox"/> 4452 | NOTE: Notify Lab as soon as possible of 24/48 hrs. TAT. |
| FFFL | | | | | X | | | | | | | | | | | | | <input type="checkbox"/> 4453 | |
| | | | | | | | | | | | | | | | | | | <input type="checkbox"/> | |

UST AGENCY: _____

MATERIAL DESCRIPTION

SAMPLE CONDITION/ COMMENTS

UST Soil VAPOR
 9312C33
 01
 02
 03
 (NO)
 04
 05

| | | | | | |
|--|---------------------------|----------------|-----------------------------------|---------------------------|----------------|
| Relinquished By (signature): Joe Vozzola | Printed Name: Joe Vozzola | Date: 12-22-93 | Received (signature): M Doden | Printed Name: M Doden | Date: 12/23/93 |
| Relinquished By (signature): M Doden | Printed Name: M Doden | Date: 12/23/93 | Received (signature): John Miller | Printed Name: John Miller | Date: 12/23/93 |
| Relinquished By (signature): | Printed Name: | Date: | Received (signature): | Printed Name: | Date: |

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

9312 C33

12-23-93

CLIENT NAME:
REC. BY (PRINT):

PEG
JM

MASTER LOG NO. / PAGE:
DATE OF LOG-IN:

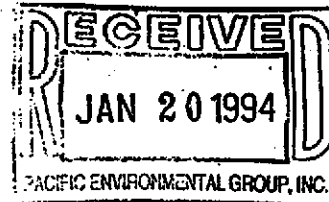
| CIRCLE THE APPROPRIATE RESPONSE | | LAB SAMPLE # | DASH # | CLIENT IDENTIFICATION | CONTAINER DESCRIPTION | SAMPLE MATRIX | DATE SAMP. | REMARKS: CONDITION (ETC) |
|---|--|--------------|--------|-----------------------|-----------------------|---------------|------------|--------------------------|
| 1. Custody Seal(s): | Present / Absent Intact / Broken* | 01 | A | VIEW-1 | Redlar | Air | 12/23/93 | |
| 2. Custody Seal Nos.: | — | 02 | | -2 | | | | |
| | | 03 | | -3 | | | | |
| | | 04 | | -5 | | | | |
| 3. Chain-of-Custody Records: | Present / Absent* | 05 | ✓ | EFFL | ✓ | ✓ | ✓ | |
| 4. Traffic Reports or Packing List: | Present / Absent | | | | | | | |
| 5. Airbill: | Airbill / Sticker Present / Absent | | | | | | | |
| 6. Airbill No.: | — | | | | | | | |
| 7. Sample Tags: | Present / Absent* | | | | | | | |
| 8. Sample Tag Nos.: | Listed / Not Listed | | | | | | | |
| 9. Sample Condition: | Intact / Broken* / Leaking* | | | | | | | |
| 10. Does information on custody reports, traffic reports and sample tags agree? | Yes / No* | | | | | | | |
| 11. Proper Preservatives Used: | Yes / No* | | | | | | | |
| 12. Date Rec. at Lab: | 12-23-93 | | | | | | | |
| 12. Time Rec. at Lab: | 10:00 | | | | | | | |

* If Circled, contact Project Manager and attach record of resolution



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233



Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Justin Hawkins

Project: 305-79.01L/Shell, Oakland

Enclosed are the results from 1 air sample received at Sequoia Analytical on January 12, 1994. The requested analyses are listed below:

| SAMPLE # | SAMPLE DESCRIPTION | DATE OF COLLECTION | TEST METHOD |
|----------|--------------------|--------------------|--------------------|
| 4A49801 | Air, Infl | 1/11/94 | EPA 5030/8015/8020 |

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

| | | |
|---|--|---|
| Pacific Environmental Group 2025 Gateway Place, Suite 440 San Jose, CA 95110 Attention: Justin Hawkins | Client Project ID: 305-79.01L/Shell, Oakland Sample Matrix: Air Analysis Method: EPA 5030/8015/8020 First Sample #: 4A49801 | Sampled: Jan 11, 1994 Received: Jan 12, 1994 Reported: Jan 19, 1994 |
|---|--|---|

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Analyte | Reporting Limit µg/L | Sample I.D. 4A49801 Infl |
|------------------------|-------------------------|--------------------------------|
| Purgeable Hydrocarbons | 5.0 | 700 |
| Benzene | 0.050 | N.D. |
| Toluene | 0.050 | 0.30 |
| Ethyl Benzene | 0.050 | N.D. |
| Total Xylenes | 0.050 | 1.2 |

Chromatogram Pattern: Weathered gas
< C8

Quality Control Data

| | |
|---|---------|
| Report Limit Multiplication Factor: | 5.0 |
| Date Analyzed: | 1/13/94 |
| Instrument Identification: | GCHP-3 |
| Surrogate Recovery, %: (QC Limits = 70-130%) | 122 |

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager

4A49801.PPP <1>



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Justin Hawkins

Client Project ID: 305-79.01L/Shell, Oakland

QC Sample Group: 4A49801

Reported: Jan 19, 1994

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|----------|----------|----------|---------------|----------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | M. Nipp | M. Nipp | M. Nipp | M. Nipp |

| MS/MSD Batch#: | G4A23505 | G4A23505 | G4A23505 | G4A23505 |
|------------------------------------|----------|----------|----------|----------|
| Date Prepared: | - | - | - | - |
| Date Analyzed: | 1/13/94 | 1/13/94 | 1/13/94 | 1/13/94 |
| Instrument I.D.#: | GCHP-3 | GCHP-3 | GCHP-3 | GCHP-3 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L |
| Matrix Spike % Recovery: | 100 | 100 | 100 | 103 |
| Matrix Spike Duplicate % Recovery: | 100 | 100 | 100 | 103 |
| Relative % Difference: | 0.0 | 0.0 | 0.0 | 0.0 |

LCS Batch#:

Date Prepared:
Date Analyzed:
Instrument I.D.#:

LCS %
Recovery:

| % Recovery Control Limits: | 71-133 | 72-128 | 72-130 | 71-120 |
|----------------------------|--------|--------|--------|--------|
|----------------------------|--------|--------|--------|--------|

SEQUOIA ANALYTICAL

Eileen A. Manning
Project Manager

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.



SHELL OIL COMPANY 305-7901 L
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: _____

Date: 1-11-94
 Page 1 of 1

Site Address: 285 Hegenberg Rd, Oakland

Analysis Required

LAB: SEQUOIA

WIC#: 204-7620-1502

Shell Engineer: DAW Kirk
 Phone No: 510 675-6168
 Fax #: 675-6172

Consultant Name & Address:
 PACIFIC ENVIRONMENTAL GROUP, INC.
 2025 GATEWAY PLACE, Ste. 440 SAN JOSE, CALIFORNIA 95110

Consultant Contact: Justin Hawkins
 Phone No.: 408 441-7500
 Fax #: 441-7530

Comments:

Sampled by: Joe Vosvoda

Printed Name: Joe Vosvoda

| CHECK ONE (1) BOX ONLY | CT/DT | TURN AROUND TIME |
|---|-------|--|
| G.W. Monitoring <input type="checkbox"/> | 4461 | 24 hours <input type="checkbox"/> |
| Site Investigation <input type="checkbox"/> | 4441 | 48 hours <input type="checkbox"/> |
| Soil Classify/Disposal <input type="checkbox"/> | 4442 | 15 days <input checked="" type="checkbox"/> (Normal) |
| Water Classify/Disposal <input type="checkbox"/> | 4443 | Other <input type="checkbox"/> |
| Soil/Air Rem. or Sys. O & M <input checked="" type="checkbox"/> | 4452 | |
| Water Rem. or Sys. O & M <input type="checkbox"/> | 4453 | |
| Other <input type="checkbox"/> | | |

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

UST AGENCY:

| Sample ID | Date | Sludge | Soil | Water | Air | No. of conds. | 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 <i>Chg. P.</i> | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS |
|-----------|---------|--------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|---|----------|----------------|------------------|---------------|----------------------|----------------------------|
| | | | | | | | | | | | | | | | | | UST Soil VARR | 9401498-0 |
| INEL | 1/11/94 | | | | X | 1 | | | | | | X | | 1mg LP | N | | UST Soil VARR | 9401498-0 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|--|---------------------------|---------------|-------------|--------------------------------------|------------------------------|---------------|-------------|
| Relinquished By (signature): Joe Vosvoda | Printed Name: Joe Vosvoda | Date: 1-11-94 | Time: 14:10 | Received (signature): M Dodem | Printed Name: M Dodem | Date: 1/11/94 | Time: 14:10 |
| Relinquished By (signature): M Dodem | Printed Name: M Dodem | Date: 1/12/94 | Time: 10:15 | Received (signature): K. Hayes | Printed Name: K. Hayes | Date: 1/12/94 | Time: 10:15 |
| Relinquished By (signature): K. Hayes | Printed Name: K. Hayes | Date: 1/12/94 | Time: 10:55 | Received (signature): Keith E. Coats | Printed Name: Keith E. Coats | Date: 1/12/94 | Time: 10:55 |

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

CLIENT
REGISTRATION

Shell Oil
12

MASTER LOG NO. / PAGE:
DATE OF LOG-IN:

9401498
1/12/94

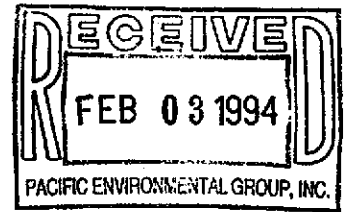
| CLIENT REGISTRATION | APPROPRIATE RESPONSE | LAB SAMPLE # | DASH # | CLIENT IDENTIFICATION | CONTAINER DESCRIPTION | SAMPLE MATRIX | DATE SAMP. | REMARKS: CONDITIO | S: (ETC) |
|---------------------|--|--------------|--------|-----------------------|-----------------------|---------------|------------|-------------------|----------|
| 1. | Initials: Present / <u>Absent</u> Integrity: Broken* | 01 | A | INFL | IL TOWER | AIR | 01/12/94 | | |
| 2. | Initials: <u>Present</u> / Absent* | | | | | | | | |
| 3. | Initials: Present / Absent* | | | | | | | | |
| 4. | Initials: Present / <u>Absent</u> | | | | | | | | |
| 5. | Initials: All / Sticker Present / <u>Absent</u> | | | | | | | | |
| 6. | | | | | | | | | |
| 7. | Initials: Present / Absent* Labels: <u>Present</u> / Not Listed | | | | | | | | |
| 8. | Initials: Chain-of-Custody Integrity: <u>Present</u> / Broken* / Leaking | | | | | | | | |
| 9. | Does Information on custody reports, traffic reports and sample tags agree? <u>Yes</u> / No* | | | | | | | | |
| 10. | Proper Preservatives Used: <u>Yes</u> / No* | | | | | | | | |
| 11. | Date Rec. at Lab: <u>01-12-94</u> | | | | | | | | |
| 12. | Time Rec. at Lab: <u>10:55</u> | | | | | | | | |

* If Circled, contact Project Manager and attach record of resolution



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233



Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Justin Hawkins

Project: 305-079.5B/Shell, Oakland

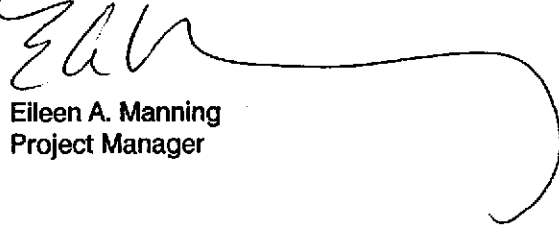
Enclosed are the results from 2 air samples received at Sequoia Analytical on January 28, 1994. The requested analyses are listed below:

| SAMPLE # | SAMPLE DESCRIPTION | DATE OF COLLECTION | TEST METHOD |
|----------|--------------------|--------------------|-------------------------|
| 4AF2201 | Air, Infl | 1/27/94 | EPA 5030/8015 Mod./8020 |
| 4AF2202 | Air, Effl | 1/27/94 | EPA 5030/8015 Mod./8020 |

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL



Eileen A. Manning
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

| | | |
|---|---|--|
| Pacific Environmental Group 2025 Gateway Place, Suite 440 San Jose, CA 95110 Attention: Justin Hawkins | Client Project ID: 305-079.5B/Shell, Oakland Sample Matrix: Air Analysis Method: EPA 5030/8015 Mod./8020 First Sample #: 4AF2201 | Sampled: Jan 27, 1994 Received: Jan 28, 1994 Reported: Feb 2, 1994 |
|---|---|--|

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Analyte | Reporting Limit µg/L | Sample I.D. 4AF2201 Infl | Sample I.D. 4AF2202 Effl |
|------------------------|-------------------------|--------------------------------|--------------------------------|
| Purgeable Hydrocarbons | 5.0 | 640 | N.D. |
| Benzene | 0.050 | N.D. | N.D. |
| Toluene | 0.050 | N.D. | N.D. |
| Ethyl Benzene | 0.050 | N.D. | N.D. |
| Total Xylenes | 0.050 | 13 | N.D. |
| Chromatogram Pattern: | | Gas + Non-gas mix < C8 | -- |

Quality Control Data

| | | |
|---|---------|---------|
| Report Limit Multiplication Factor: | 5.0 | 1.0 |
| Date Analyzed: | 1/28/94 | 1/28/94 |
| Instrument Identification: | GCHP-17 | GCHP-3 |
| Surrogate Recovery, %: (QC Limits = 70-130%) | 159* | 97 |
| *Coelution confirmed | | |

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Eileen A. Manning
Project Manager

4AF2201.PPP <1>



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063

(415) 364-9600 • FAX (415) 364-9233

Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Justin Hawkins

Client Project ID: 305-079.5B/Shell, Oakland

QC Sample Group: 4AF2201

Reported: Feb 2, 1994

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|-----------------|--------------|--------------|---------------|--------------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | Harabajahian | Harabajahian | Harabajahian | Harabajahian |

MS/MSD

Batch#: G4AB4407 G4AB4407 G4AB4407 G4AB4407

| | | | | |
|--------------------------|---------|---------|---------|---------|
| Date Prepared: | - | - | - | - |
| Date Analyzed: | 1/28/94 | 1/28/94 | 1/28/94 | 1/28/94 |
| Instrument I.D.#: | GCHP-17 | GCHP-17 | GCHP-17 | GCHP-17 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L |

| | | | | |
|---------------------------------|-----|-----|-----|-----|
| Matrix Spike % Recovery: | 100 | 100 | 100 | 100 |
|---------------------------------|-----|-----|-----|-----|

| | | | | |
|---|----|----|----|----|
| Matrix Spike Duplicate % Recovery: | 98 | 98 | 97 | 97 |
|---|----|----|----|----|

| | | | | |
|-------------------------------|-----|-----|-----|-----|
| Relative % Difference: | 2.0 | 2.0 | 3.0 | 3.0 |
|-------------------------------|-----|-----|-----|-----|

LCS Batch#:

Date Prepared:
Date Analyzed:
Instrument I.D.#:

LCS % Recovery:

| % Recovery Control Limits: | 71-133 | 72-128 | 72-130 | 71-120 |
|----------------------------|--------|--------|--------|--------|
|----------------------------|--------|--------|--------|--------|

SEQUOIA ANALYTICAL

Eileen A. Manning
Project Manager

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Justin Hawkins

Client Project ID: 305-079.5B/Shell, Oakland

QC Sample Group: 4AF2202

Reported: Feb 2, 1994

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|----------|--------------|--------------|---------------|--------------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | Harabajahian | Harabajahian | Harabajahian | Harabajahian |

MS/MSD

Batch#: G4AB4407 G4AB4407 G4AB4407 G4AB4407

| | | | | |
|-------------------|---------|---------|---------|---------|
| Date Prepared: | - | - | - | - |
| Date Analyzed: | 1/28/94 | 1/28/94 | 1/28/94 | 1/28/94 |
| Instrument I.D.#: | GCHP-3 | GCHP-3 | GCHP-3 | GCHP-3 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L |

Matrix Spike

% Recovery: 100 110 100 107

Matrix Spike Duplicate %

Recovery: 93 93 92 90

Relative %

Difference: 7.3 17 8.3 17

LCS Batch#:

Date Prepared:
Date Analyzed:
Instrument I.D.#:

LCS %
Recovery:

| % Recovery Control Limits: | 71-133 | 72-128 | 72-130 | 71-120 |
|----------------------------|--------|--------|--------|--------|
|----------------------------|--------|--------|--------|--------|

SEQUOIA ANALYTICAL

Eileen A. Manning
Project Manager

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.



Site Address: 285 Hegenberger Oakland

WIC#: 204-7620-1502

Shell Engineer: Dgn Kirk Phone No: 510-675-6170
 Fax #: 675-6172

Consultant Name & Address:
 PACIFIC ENVIRONMENTAL GROUP, INC.
 2025 GATEWAY PLACE, Ste. 440 SAN JOSE, CALIFORNIA 95110

Consultant Contact: Justin Hawkins Phone No.: 408
 441-7500 Fax #: 441-7539

Comments:

Sampled by: [Signature]

Printed Name: Tim R. WRIGHT

Analysis Required

| | | | | | | | | | |
|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|
| 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 | Asbestos | Container Size | Preparation Used | Composite Y/N |
|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|

LAB: Sequoia

| CHECK ONE (1) BOX ONLY | CT/DT | TURN AROUND TIME |
|---|-------|--|
| G.W. Monitoring <input type="checkbox"/> | 4461 | 24 hours <input type="checkbox"/> |
| Site Investigation <input type="checkbox"/> | 4441 | 48 hours <input type="checkbox"/> |
| Soil Classify/Disposal <input type="checkbox"/> | 4442 | 15 days <input checked="" type="checkbox"/> (Normal) |
| Water Classify/Disposal <input type="checkbox"/> | 4443 | Other <input type="checkbox"/> |
| Soil/Air Rem. or Sys. O & M <input checked="" type="checkbox"/> | 4452 | |
| Water Rem. or Sys. O & M <input type="checkbox"/> | 4453 | |
| Other <input type="checkbox"/> | | |

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

UST AGENCY: _____

| Sample ID | Date | Sludge | Soil | Water | Air | No. of confs. | 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 | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS |
|-----------|---------|--------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|----------------------|----------------------------|
| | | | | | | | | | | | | | | | | | | |
| INFL | 1/27/94 | | | | X | 1 | | | | | | X | | 1L | N | N | UST Soil | 9401F22-01 |
| effL | ↓ | | | | X | 1 | | | | | | X | | ↓ | ↓ | ↓ | Vapor Gas | -02 |

| | | | | | | | |
|---|------------------------------------|----------------------|-------------------|--|---------------------------------|----------------------|-------------------|
| Relinquished By (signature): <u>[Signature]</u> | Printed Name: <u>Tim R. WRIGHT</u> | Date: <u>1/27/94</u> | Time: <u>1500</u> | Received (signature): <u>[Signature]</u> | Printed Name: <u>M DODEN</u> | Date: <u>1/27/94</u> | Time: <u>1550</u> |
| Relinquished By (signature): <u>[Signature]</u> | Printed Name: <u>M DODEN</u> | Date: <u>1/28/94</u> | Time: <u>1321</u> | Received (signature): <u>[Signature]</u> | Printed Name: <u>C. HIRATSU</u> | Date: <u>1/28</u> | Time: <u>1321</u> |
| Relinquished By (signature): <u>[Signature]</u> | Printed Name: <u>C. HIRATSU</u> | Date: <u>1/28</u> | Time: <u>1510</u> | Received (signature): <u>[Signature]</u> | Printed Name: <u>KENNE GUSS</u> | Date: <u>1-28-94</u> | Time: <u>1510</u> |

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

CLIENT NAME:
REC. BY (PRINT):

SHELL 305-079-5B
RS

MASTER LOG NO. / PAGE:
DATE OF LOG-IN:

9401 F22
1/28/94

| CIRCLE THE APPROPRIATE RESPONSE | | LAB SAMPLE # | DASH # | CLIENT IDENTIFICATION | CONTAINER DESCRIPTION | SAMPLE MATRIX | DATE SAMP. | REMARKS: CONDITION (ETC) |
|--|---|--------------|--------|-----------------------|-----------------------|---------------|------------|--------------------------|
| 1. Custody Seal(s): | Present / <u>Absent</u> Intact / Broken* | 01 | A | INFL | TEDAL | AIR | 01/27 | |
| | | 02 | A | EFFL | ↓ | ↓ | ↓ | |
| 2. Custody Seal Nos.: | | | | | | | | |
| 3. Chain-of-Custody Records: | <u>Present</u> / Absent* | | | | | | | |
| 4. Traffic Reports or Packing List: | Present / <u>Absent</u> | | | | | | | |
| 5. Airbill: | Airbill / Sticker Present / <u>Absent</u> | | | | | | | |
| 6. Airbill No.: | | | | | | | | |
| 7. Sample Tags: | <u>Present</u> / Absent* | | | | | | | |
| Sample Tag Nos.: | <u>Listed</u> / Not Listed on Chain-of-Custody | | | | | | | |
| 8. Sample Condition: | <u>Intact</u> /Broken*/Leaking* | | | | | | | |
| 9. Does information on custody reports, traffic reports and sample tags agree? | <u>Yes</u> / No* | | | | | | | |
| 10. Proper Preservatives Used: | <u>Yes</u> / No* | | | | | | | |
| 11. Date Rec. at Lab: | <u>01-28-94</u> | | | | | | | |
| 12. Time Rec. at Lab: | <u>15⁰⁰</u> | | | | | | | |

* If Circled, contact Project Manager and attach record of resolution



SHELL OIL COMPANY 305-679-58
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: _____

Date: 1/27/94
 Page 1 of 1

Site Address: 245 Heyenberger Oakland

WIC#: 204-7620-1502

Shell Engineer: Don Kirk Phone No. 675-6170
 Fax #: 675-6172

Consultant Name & Address:
 PACIFIC ENVIRONMENTAL GROUP, INC.
 2025 GATEWAY PLACE, Ste. 440 SAN JOSE, CALIFORNIA 95110

Consultant Contact: Justin Hawkins Phone No.: 408 441-7500
 Fax #: 441-7539

Comments:

Sampled by: R. Wright

Printed Name: Tim R. WRIGHT

Analysis Required

| | | | | | | | | | |
|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|
| 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 | Asbestos | Container Size | Preparation Used | Composite Y/N |
| | | | | | X | | 12 N N | | |
| | | | | | X | | ↓ N ↓ | | |

LAB: Sequoia

| CHECK ONE (1) BOX ONLY | CT/DT | TURN AROUND TIME |
|---|-------|--|
| G.W. Monitoring <input type="checkbox"/> | 4461 | 24 hours <input type="checkbox"/> |
| Site Investigation <input type="checkbox"/> | 4441 | 48 hours <input type="checkbox"/> |
| Soil Classify/Disposal <input type="checkbox"/> | 4442 | 15 days <input checked="" type="checkbox"/> (Normal) |
| Water Classify/Disposal <input type="checkbox"/> | 4443 | Other <input type="checkbox"/> |
| Soil/Air Rem. or Sys. O & M <input checked="" type="checkbox"/> | 4452 | |
| Water Rem. or Sys. O & M <input type="checkbox"/> | 4453 | |
| Other <input type="checkbox"/> | | |

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

UST AGENCY:

| 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 | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS |
|-----------|---------|--------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|----------------------|----------------------------|
| INFL | 1/27/94 | | | | X | 1 | | | | | | X | | 12 N N | | | UST Soil | |
| effL | ↓ | | | | X | 1 | | | | | | X | | ↓ N ↓ | | | 1/27/94 Gas | |

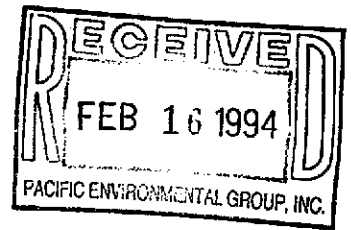
| | | | | | | | |
|---|-----------------------------|---------------|------------|--|---------------------------|---------------|------------|
| Relinquished By (signature): <i>T. Wright</i> | Printed Name: Tim R. WRIGHT | Date: 1/27/94 | Time: 1500 | Received (signature): <i>M. Doden</i> | Printed Name: M. Doden | Date: 1/27/94 | Time: 1500 |
| Relinquished By (signature): <i>M. Doden</i> | Printed Name: M. Doden | Date: 1/28/94 | Time: 1321 | Received (signature): <i>C. H. H. H.</i> | Printed Name: C. H. H. H. | Date: 1/28 | Time: 1321 |
| 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



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233



Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Maree Doden

Project: 305-079.5B/Oakland

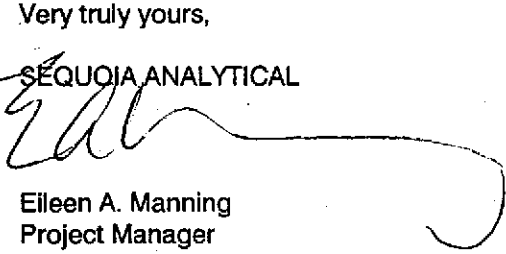
Enclosed are the results from 1 air sample received at Sequoia Analytical on February 11, 1994. The requested analyses are listed below:

| <u>SAMPLE #</u> | <u>SAMPLE DESCRIPTION</u> | <u>DATE OF COLLECTION</u> | <u>TEST METHOD</u> |
|-----------------|---------------------------|---------------------------|-------------------------|
| 4B68201 | Air, Infl | 2/10/94 | EPA 5030/8015 Mod./8020 |

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

| | | |
|-------------------------------|--|------------------------|
| Pacific Environmental Group | Client Project ID: 305-079.5B/Oakland | Sampled: Feb 10, 1994 |
| 2025 Gateway Place, Suite 440 | Sample Matrix: Air | Received: Feb 11, 1994 |
| San Jose, CA 95110 | Analysis Method: EPA 5030/8015 Mod./8020 | Reported: Feb 15, 1994 |
| Attention: Maree Doden | First Sample #: 4B68201 | |

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Analyte | Reporting Limit µg/L | Sample I.D. 4B68201 Infl |
|------------------------|-------------------------|--------------------------------|
| Purgeable Hydrocarbons | 5.0 | 130 |
| Benzene | 0.050 | N.D. |
| Toluene | 0.050 | 1.8 |
| Ethyl Benzene | 0.050 | 0.68 |
| Total Xylenes | 0.050 | 2.2 |

Chromatogram Pattern: C4 - C12


Quality Control Data

| | |
|---|---------|
| Report Limit Multiplication Factor: | 1.0 |
| Date Analyzed: | 2/11/94 |
| Instrument Identification: | GCHP-2 |
| Surrogate Recovery, %: (QC Limits = 70-130%) | 211* |

*Coelution confirmed

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Maree Doden

Client Project ID: 305-079.5B/Oakland

QC Sample Group: 4B68201

Reported: Feb 15, 1994

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|-----------------|-----------|-----------|---------------|-----------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | J. Minkel | J. Minkel | J. Minkel | J. Minkel |

| | | | | |
|---|----------|----------|----------|----------|
| MS/MSD Batch#: | G4B30301 | G4B30301 | G4B30301 | G4B30301 |
| Date Prepared: | N.A. | N.A. | N.A. | N.A. |
| Date Analyzed: | 2/11/94 | 2/11/94 | 2/11/94 | 2/11/94 |
| Instrument I.D.#: | GCHP-2 | GCHP-2 | GCHP-2 | GCHP-2 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L |
| Matrix Spike % Recovery: | 100 | 100 | 100 | 100 |
| Matrix Spike Duplicate % Recovery: | 110 | 110 | 110 | 107 |
| Relative % Difference: | 9.5 | 9.5 | 9.5 | 6.8 |

LCS Batch#:

Date Prepared:
Date Analyzed:
Instrument I.D.#:

LCS %
Recovery:

| % Recovery Control Limits: | 71-133 | 72-128 | 72-130 | 71-120 |
|----------------------------|--------|--------|--------|--------|
|----------------------------|--------|--------|--------|--------|

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Eileen A. Manning
Project Manager

9402682

CLIENT NAME:
REC. BY (PRINT):

PEG
PLI

MASTER LOG NO. / PAGE:
DATE OF LOG-IN:

2/11/94

| CIRCLE THE APPROPRIATE RESPONSE | | LAB SAMPLE # | DASH # | CLIENT IDENTIFICATION | CONTAINER DESCRIPTION | SAMPLE MATRIX | DATE SAMP. | REMARKS / CONDITION (ETC) |
|--|---|--------------|--------|-----------------------|-----------------------|---------------|------------|---------------------------|
| 1. Custody Seal(s): | Present / <u>Absent</u> Intact / Broken* | 01 | Δ | INFL | TEDLAR | Δ | 2-10 | |
| 2. Custody Seal Nos.: | _____ | | | | | | | |
| 3. Chain-of-Custody Records: | <u>Present</u> / Absent* | | | | | | | |
| 4. Traffic Reports or Packing List: | Present / <u>Absent</u> | | | | | | | |
| 5. Airbill: | Airbill / Slicker Present / <u>Absent</u> | | | | | | | |
| 6. Airbill No.: | _____ | | | | | | | |
| 7. Sample Tags: | <u>Present</u> / Absent* | | | | | | | |
| Sample Tag Nos.: | <u>Listed</u> / Not Listed on Chain-of-Custody | | | | | | | |
| 8. Sample Condition: | <u>Intact</u> / Broken* / Leaking* | | | | | | | |
| 9. Does information on custody reports, traffic reports and sample tags agree? | <u>Yes</u> / No* | | | | | | | |
| 10. Proper Preservatives Used: | <u>Yes</u> / No* | | | | | | | |
| 11. Date Rec. at Lab: | 2/11/94 | | | | | | | |
| 12. Time Rec. at Lab: | 1110 | | | | | | | |

* If Circled, contact Project Manager and attach record of resolution



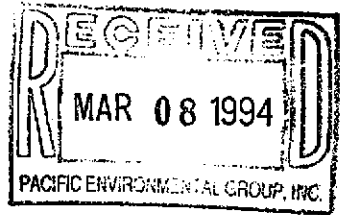
Sequoia Analytical

680 Chesapeake Drive
1900 Bates Avenue, Suite L
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Concord, CA 94520
Sacramento, CA 95834

(415) 364-9600
(510) 686-9600
(916) 921-9600

FAX (415) 364-9233
FAX (910) 686-9689
FAX (916) 921-0100



Pacific Environmental Group
2025 Gateway Place, Suite 440
San Jose, CA 95110
Attention: Maree Doden

Project: 305-079.5B/Oakland

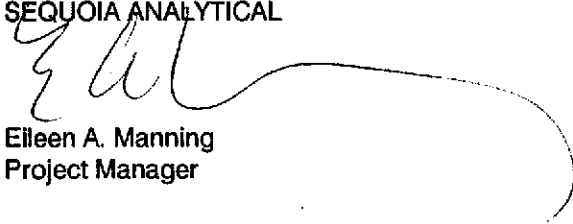
Enclosed are the results from 1 air sample received at Sequoia Analytical on March 3, 1994. The requested analyses are listed below:

| SAMPLE # | SAMPLE DESCRIPTION | DATE OF COLLECTION | TEST METHOD |
|----------|--------------------|--------------------|-------------------------|
| 4C18601 | Air, Infl | 3/2/94 | EPA 5030/8015 Mod./8020 |

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL


Eileen A. Manning
Project Manager



| | | |
|--|--|--|
| Pacific Environmental Group 2025 Gateway Place, Suite 440 San Jose, CA 95110 Attention: Maree Doden | Client Project ID: 305-079.5B/Oakland Sample Matrix: Air Analysis Method: EPA 5030/8015 Mod./8020 First Sample #: 4C18601 | Sampled: Mar 2, 1994 Received: Mar 3, 1994 Reported: Mar 7, 1994 |
|--|--|--|

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Analyte | Reporting Limit µg/L | Sample I.D. 4C18601 Infl |
|------------------------|-------------------------|--------------------------------|
| Purgeable Hydrocarbons | 5.0 | 52 |
| Benzene | 0.050 | 2.0 |
| Toluene | 0.050 | 0.37 |
| Ethyl Benzene | 0.050 | N.D. |
| Total Xylenes | 0.050 | N.D. |
| Chromatogram Pattern: | | C4 - C12 |

Quality Control Data

| | |
|---|--------|
| Report Limit Multiplication Factor: | 2.5 |
| Date Analyzed: | 3/3/94 |
| Instrument Identification: | GCHP-2 |
| Surrogate Recovery, %: (QC Limits = 70-130%) | 121 |

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Eileen A. Manning
Project Manager



| | | |
|---|--|------------------------------|
| Pacific Environmental Group 2025 Gateway Place, Suite 440 San Jose, CA 95110 Attention: Maree Doden | Client Project ID: 305-079.5B/Oakland Matrix: Liquid QC Sample Group: 4C18601 | Reported: Mar 7, 1994 |
|---|--|------------------------------|

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|-----------------|------------|------------|---------------|------------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | R. Vincent | R. Vincent | R. Vincent | R. Vincent |

| | | | | |
|---|----------|----------|----------|----------|
| MS/MSD | | | | |
| Batch#: | G4BG0205 | G4BG0205 | G4BG0205 | G4BG0205 |
| Date Prepared: | N.A. | N.A. | N.A. | N.A. |
| Date Analyzed: | 3/3/94 | 3/3/94 | 3/3/94 | 3/3/94 |
| Instrument I.D.#: | GCHP-2 | GCHP-2 | GCHP-2 | GCHP-2 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L |
| Matrix Spike % Recovery: | 110 | 100 | 100 | 100 |
| Matrix Spike Duplicate % Recovery: | 110 | 100 | 100 | 100 |
| Relative % Difference: | 0.0 | 0.0 | 0.0 | 0.0 |

LCS Batch#:

Date Prepared:
Date Analyzed:
Instrument I.D.#:

LCS % Recovery:

| % Recovery Control Limits: | 71-133 | 72-128 | 72-130 | 71-120 |
|-----------------------------------|--------|--------|--------|--------|
|-----------------------------------|--------|--------|--------|--------|

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Eileen A. Manning
Project Manager

CLIENT NAME:
REC. BY (PRINT):

PEG
PH

MASTER LOG NO. / PAGE:
DATE OF LOG-IN:

9403186
3-3-94

| CIRCLE THE APPROPRIATE RESPONSE | LAB SAMPLE # | DASH # | CLIENT IDENTIFICATION | CONTAINER DESCRIPTION | SAMPLE MATRIX | DATE SAMP. | REMARKS: CONDITION (ETC) |
|--|--------------|--------|-----------------------|-----------------------|---------------|------------|--------------------------|
| 1. Custody Seal(s): Present / <u>Absent</u> Intact / Broken* | 01 | A | INFL | TBOLAR | A | 3-2 | |
| 2. Custody Seal Nos.: | | | | | | | |
| 3. Chain-of-Custody Records: <u>Present</u> / Absent* | | | | | | | |
| 4. Traffic Reports or Packing List: Present / <u>Absent</u> | | | | | | | |
| 5. Airbill: Airbill / Silcker Present / <u>Absent</u> | | | | | | | |
| 6. Airbill No.: | | | | | | | |
| 7. Sample Tags: <u>Present</u> / Absent* Sample Tag Nos.: <u>Listed</u> / Not Listed on Chain-of-Custody | | | | | | | |
| 8. Sample Condition: <u>Intact</u> / Broken* / Leaking* | | | | | | | |
| 9. Does Information on <u>Yes</u> / No* custody reports, traffic reports and sample tags agree? | | | | | | | |
| 10. Proper <u>Yes</u> / No* Preservatives Used. | | | | | | | |
| 11. Date Rec. at Lab: 3-3-94 | | | | | | | |
| Time Rec. at Lab: 1140 | | | | | | | |

and, contact Project Manager and attach record of resolution