

ENVIRONMENTAL
PROTECTION
95 SEP 18 PM 4: 28

September 14, 1995

Mr. Lynn Walker
Shell Oil Products Company
P.O. Box 4023
Concord, California 94524

RE: Quarterly Monitoring Report - Third Quarter 1995
Former Shell Service Station
15275 Washington Avenue
San Leandro, California
WIC #204-6852-1008

Dear Mr. Walker:

This Quarterly Monitoring Report describes the recently completed activities associated with groundwater monitoring and sampling at the referenced site (Plate 1). This report was prepared to meet quarterly reporting guidelines issued by the Regional Water Quality Control Board, San Francisco Bay Region and the Alameda County Health Care Services Agency (ACHCSA).

Quarterly Monitoring & Sampling Summary

Groundwater monitoring and sampling for the third quarter of 1995 are summarized below:

- Blaine Tech Services Inc. (Blaine Tech) of San Jose, measured groundwater levels from Wells S-1, S-3, S-5 through S-18, and SR-1 on **July 28, 1995**. Groundwater samples were collected from Wells S-1, S-3, S-5, S-7 through S-10, S-12, S-15, S-16, S-18, and SR-1. The samples were transported to National Environmental Testing, Inc. (NET) of Santa Rosa, California for chemical analysis.
- Groundwater level measurement data were evaluated and used to prepare a groundwater contour map (Plate 3). Groundwater flow is primarily to the south/southeast, with minor flow variations on and off site. The hydraulic gradient was calculated to be approximately 0.005.
- Analysis of groundwater samples indicated that TPH-G was present at levels ranging from ND to 35,000 ppb. Benzene concentrations ranged from ND to 760 ppb. A benzene concentration map is presented on Plate 4.

Third Quarter Sampling

Monitoring Wells S-1, S-3, S-5, S-7 through S-10, S-12, S-15, S-16, S-18, and SR-1. were sampled and analyzed for Total Petroleum Hydrocarbons calculated as Gasoline (TPH-G) according to EPA Method 8015 (Modified) and Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) according to EPA Method 8020. Additionally, a duplicate sample, a trip blank, and a equipment blank were prepared and analyzed for quality control purposes.

Field monitoring data are summarized in Table 2. The third quarter 1995 chemical analytical data for TPH-G and BTEX have been included in the Historical Groundwater Quality Database (Table 3). The Blaine Tech quarterly groundwater monitoring report is presented in Appendix A.

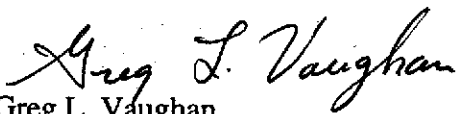
A Corrective Action Plan (CAP) for this site was submitted April 17, 1995. Shell is currently awaiting approval of this CAP by ACHCSA.

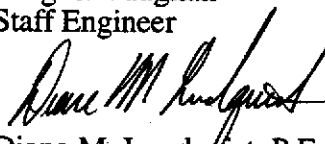
Quarterly monitoring, sampling, and reporting will continue on the established schedule for the next quarter.

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

Sincerely,

Enviros, Inc.


Greg L. Vaughan
Staff Engineer


Diane M. Lundquist, P.E.
Senior Engineer
C46725



Attachments

Table 1. Field Monitoring Data

Table 2. Historical Groundwater Quality Database

Plate 1. Vicinity Map

Plate 2. Site Plan

Plate 3. Groundwater Contour Map

Plate 4. Benzene Concentration Map

Appendix A

Blaine Tech Services Inc. - Quarterly Groundwater Sampling Report

Chain-of-Custody Document

NET Chemical Analytical Report

cc: Mr. Scott Seery, Alameda County Health Care Services, Environmental Protection
Division

Mr. Mike Bakaldin, San Leandro Fire Department

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| WELL NO. | MONT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | | | |
|-----------|------------|-------------------|------------------|----------------------|-------------------------|-------------------|------|------|-------|
| S-1 | 22-Nov-88 | 3.0 | 21.55 | 8.01 | 0.00 | 13.54 | | | |
| | 10-Aug-89 | | | 7.93 | 0.00 | 13.62 | | | |
| | 10-Oct-89 | | | 8.09 | 0.00 | 13.46 | | | |
| | 25-Jan-90 | | | 7.73 | 0.00 | 13.82 | | | |
| | 18-Apr-90 | | | 7.91 | 0.00 | 13.64 | | | |
| | 23-Jul-90 | | | 7.72 | 0.00 | 13.83 | | | |
| | 18-Oct-90 | | | 8.55 | 0.00 | 13.00 | | | |
| | 28-Jan-91 | | | 8.52 | 0.00 | 13.03 | | | |
| | 25-Apr-91 | | | 7.18 | 0.00 | 14.37 | | | |
| | 9-Jul-91 | | | 8.22 | 0.00 | 13.33 | | | |
| | 8-Oct-91 | | | 8.70 | 0.00 | 12.85 | | | |
| | 5-Feb-91 | | | 8.14 | 0.00 | 13.41 | | | |
| | 28-Apr-92 | | | 7.52 | 0.00 | 14.03 | | | |
| | 27-Jul-92 | | | 8.28 | 0.00 | 13.27 | | | |
| | 26-Oct-92 | | | 8.74 | 0.00 | 12.81 | | | |
| | 13-Jan-93 | | | 5.91 | 0.00 | 15.64 | | | |
| | 16-Apr-93 | | | 6.66 | 0.00 | 14.89 | | | |
| | 23-Jul-93 | | | 7.53 | 0.00 | 14.02 | | | |
| | 27-Oct-93 | | | 8.20 | 0.00 | 13.35 | | | |
| | 27-Jan-94 | | | 7.26 | 0.00 | 14.29 | | | |
| | 5-May-94 | | | 7.38 | 0.00 | 13.89 | | | |
| | 26-Jul-94 | | | 7.86 | 0.00 | 13.41 | | | |
| | 28-Oct-94 | | | 7.86 | 0.00 | 13.41 | | | |
| | 2-Jan-95 | | | 6.85 | 0.00 | 14.42 | | | |
| | 14-Apr-95 | | | 6.08 | 0.00 | 15.19 | | | |
| | 28-Jul-95 | | | 6.79 | 0.00 | 14.48 | | | |
| | S-3 | | | 22-Nov-88 | 3.0 | 21.14 | 7.76 | 0.00 | 13.38 |
| | | | | 10-Aug-89 | | | 7.92 | 0.00 | 13.22 |
| 10-Oct-89 | | 8.00 | 0.00 | 13.14 | | | | | |
| 25-Jan-90 | | 7.54 | 0.00 | 13.60 | | | | | |
| 18-Apr-90 | | 7.74 | 0.00 | 13.40 | | | | | |
| 23-Jul-90 | | 7.55 | 0.00 | 13.59 | | | | | |
| 18-Oct-90 | | 8.47 | 0.00 | 12.67 | | | | | |
| 28-Jan-91 | | 8.38 | 0.00 | 12.76 | | | | | |
| 25-Apr-91 | | 6.91 | 0.00 | 14.23 | | | | | |
| 9-Jul-91 | | 8.07 | 0.00 | 13.07 | | | | | |
| 8-Oct-91 | | 8.61 | 0.00 | 12.53 | | | | | |
| 5-Feb-91 | | 7.80 | 0.00 | 13.34 | | | | | |
| 28-Apr-92 | | 7.27 | 0.00 | 13.87 | | | | | |
| 27-Jul-92 | | 8.10 | 0.00 | 13.04 | | | | | |
| 26-Oct-92 | | 8.62 | 0.00 | 12.52 | | | | | |
| 13-Jan-93 | | 5.16 | 0.00 | 15.98 | | | | | |
| 16-Apr-93 | | 7.18 | 0.00 | 13.96 | | | | | |
| 23-Jul-93 | | 7.34 | 0.00 | 13.80 | | | | | |
| 27-Oct-93 | | 8.03 | 0.00 | 13.11 | | | | | |
| 27-Jan-94 | | 6.79 | 0.00 | 14.35 | | | | | |
| 5-May-94 | 6.75 | 0.00 | 13.73 | | | | | | |
| 26-Jul-94 | 7.30 | 0.00 | 13.18 | | | | | | |
| 28-Oct-94 | 8.36 | 0.00 | 12.12 | | | | | | |
| 2-Jan-95 | 6.36 | 0.00 | 14.12 | | | | | | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| WELL NO. | MONIT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | |
|-------------|-------------|-------------------|------------------|----------------------|-------------------------|-------------------|-------|
| S-3 (CONT.) | 14-Apr-95 | | | 5.87 | 0.00 | 14.61 | |
| | 28-Jul-95 | | | 6.33 | 0.00 | 14.15 | |
| S-5 | 10-Aug-89 | 4.0 | 21.41 | 8.28 | 0.00 | 13.13 | |
| | 10-Oct-89 | | | 8.32 | 0.00 | 13.09 | |
| | 25-Jan-90 | | | 8.20 | 0.00 | 13.21 | |
| | 18-Apr-90 | | | 8.32 | 0.00 | 13.09 | |
| | 23-Jul-90 | | | 8.03 | 0.00 | 13.38 | |
| | 18-Oct-90 | | | 9.03 | 0.00 | 12.38 | |
| | 28-Jan-91 | | | 8.80 | 0.00 | 12.61 | |
| | 25-Apr-91 | | | 7.40 | 0.00 | 14.01 | |
| | 9-Jul-91 | | | 8.52 | 0.00 | 12.89 | |
| | 8-Oct-91 | | | 9.00 | 0.00 | 12.41 | |
| | 5-Feb-92 | | | 8.11 | 0.00 | 13.30 | |
| | 28-Apr-92 | | | 7.70 | 0.00 | 13.71 | |
| | 27-Jul-92 | | | 8.52 | 0.00 | 12.89 | |
| | 26-Oct-92 | | | 9.02 | 0.00 | 12.39 | |
| | 13-Jan-93 | | | 5.22 | 0.00 | 16.19 | |
| | 16-Apr-93 | | | 7.04 | 0.00 | 14.37 | |
| | 23-Jul-93 | | | 7.75 | 0.00 | 13.66 | |
| | 27-Oct-93 | | | 8.49 | 0.00 | 12.92 | |
| | 27-Jan-94 | | | 7.04 | 0.00 | 14.37 | |
| | 5-May-94 | | | 21.03* | 7.20 | 0.00 | 13.83 |
| | 27-Jul-94 | | | | 7.72 | 0.00 | 13.31 |
| | 28-Oct-94 | | | | 7.82 | 0.00 | 13.21 |
| | 2-Jan-95 | | | | 6.65 | 0.00 | 14.38 |
| 14-Apr-95 | | | | 5.99 | 0.00 | 15.04 | |
| 28-Jul-95 | | | | 6.77 | 0.00 | 14.26 | |
| S-6 | 22-Nov-88 | 3.0 | 22.02 | 8.58 | 0.00 | 13.44 | |
| | 10-Aug-89 | | | 8.54 | 0.00 | 13.48 | |
| | 10-Oct-89 | | | 8.58 | 0.00 | 13.44 | |
| | 25-Jan-90 | | | 8.31 | 0.00 | 13.71 | |
| | 18-Apr-90 | | | 8.43 | 0.00 | 13.59 | |
| | 23-Jul-90 | | | 8.24 | 0.00 | 13.78 | |
| | 18-Oct-90 | | | 9.20 | 0.00 | 12.82 | |
| | 28-Jan-91 | | | 9.10 | 0.00 | 12.92 | |
| | 25-Apr-91 | | | 7.74 | 0.00 | 14.28 | |
| | 9-Jul-91 | | | 8.81 | 0.00 | 13.21 | |
| | 8-Oct-91 | | | 9.26 | 0.00 | 12.76 | |
| | 5-Feb-92 | | | 8.47 | 0.00 | 13.55 | |
| | 28-Apr-92 | | | 7.91 | 0.00 | 14.11 | |
| | 27-Jul-92 | | | 8.83 | 0.00 | 13.19 | |
| | 26-Oct-92 | | | 9.29 | 0.00 | 12.73 | |
| | 13-Jan-93 | | | 9.43 | 0.00 | 12.59 | |
| | 16-Apr-93 | | | 7.12 | 0.00 | 14.90 | |
| | 23-Jul-93 | | | 8.14 | 0.00 | 13.88 | |
| 27-Oct-93 | | | 8.75 | 0.00 | 13.27 | | |
| 27-Jan-94 | | | | 7.87 | 0.00 | 14.15 | |
| 5-May-94 | | | 21.40* | 7.71 | 0.00 | 13.69 | |
| 26-Jul-94 | | | | 8.10 | 0.00 | 13.30 | |
| 28-Oct-94 | | | | 8.04 | 0.00 | 13.36 | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| WELL NO. | MONT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | |
|-------------|------------|-------------------|------------------|----------------------|-------------------------|-------------------|-------|
| S-6 (CONT.) | 2-Jan-95 | | | 7.07 | 0.00 | 14.33 | |
| | 14-Apr-95 | | | 6.29 | 0.00 | 15.11 | |
| | 28-Jul-95 | | | 6.91 | 0.00 | 14.49 | |
| S-7 | 22-Nov-88 | 3.0 | 21.47 | 8.24 | 0.00 | 13.23 | |
| | 10-Aug-89 | | | 8.18 | 0.00 | 13.29 | |
| | 10-Oct-89 | | | 8.35 | 0.00 | 13.12 | |
| | 25-Jan-90 | | | 7.95 | 0.00 | 13.52 | |
| | 18-Apr-90 | | | 8.06 | 0.00 | 13.41 | |
| | 23-Jul-90 | | | 7.89 | 0.00 | 13.58 | |
| | 18-Oct-90 | | | 8.83 | 0.00 | 12.64 | |
| | 28-Jan-91 | | | 8.77 | 0.00 | 12.70 | |
| | 25-Apr-91 | | | 7.25 | 0.00 | 14.22 | |
| | 9-Jul-91 | | | 8.41 | 0.00 | 13.06 | |
| | 8-Oct-91 | | | 8.95 | 0.00 | 12.52 | |
| | 5-Feb-92 | | | 8.04 | 0.00 | 13.43 | |
| | 28-Apr-92 | | | 7.45 | 0.00 | 14.02 | |
| | 27-Jul-92 | | | 8.48 | 0.00 | 12.99 | |
| | 26-Oct-92 | | | 9.95 | 0.00 | 11.52 | |
| | 13-Jan-93 | | | 5.84 | 0.00 | 15.63 | |
| | 16-Apr-93 | | | 6.38 | 0.00 | 15.09 | |
| | 23-Jul-93 | | | 7.72 | 0.00 | 13.75 | |
| | 27-Oct-93 | | | 7.79 | 0.00 | 13.68 | |
| | 27-Jan-94 | | | 7.85 | 0.00 | 13.62 | |
| | 5-May-94 | | | 20.85* | 9.45 | 0.00 | 11.40 |
| | 26-Jul-94 | | | | 7.64 | 0.00 | 13.21 |
| | 28-Oct-94 | | | | 7.68 | 0.00 | 13.17 |
| 2-Jan-95 | | | | 6.95 | 0.00 | 13.90 | |
| 14-Apr-95 | | | | 5.82 | 0.00 | 15.03 | |
| 28-Jul-95 | | | | 6.32 | 0.00 | 14.53 | |
| S-8 | 22-Nov-88 | 3.0 | 20.72 | 7.76 | 0.00 | 12.96 | |
| | 10-Aug-89 | | | 7.79 | 0.00 | 12.93 | |
| | 10-Oct-89 | | | 7.84 | 0.00 | 12.88 | |
| | 25-Jan-90 | | | 7.47 | 0.00 | 13.25 | |
| | 18-Apr-90 | | | 7.59 | 0.00 | 13.13 | |
| | 23-Jul-90 | | | 7.49 | 0.00 | 13.23 | |
| | 18-Oct-90 | | | 8.44 | 0.00 | 12.28 | |
| | 28-Jan-91 | | | 8.28 | 0.00 | 12.44 | |
| | 25-Apr-91 | | | 6.72 | 0.00 | 14.00 | |
| | 9-Jul-91 | | | 7.98 | 0.00 | 12.74 | |
| | 8-Oct-91 | | | 8.55 | 0.00 | 12.17 | |
| | 5-Feb-91 | | | 7.50 | 0.00 | 13.22 | |
| | 28-Apr-92 | | | 7.14 | 0.00 | 13.58 | |
| | 27-Jul-92 | | | 8.06 | 0.00 | 12.66 | |
| | 26-Oct-92 | | | 8.58 | 0.00 | 12.14 | |
| | 13-Jan-93 | | | 5.32 | 0.00 | 15.40 | |
| | 16-Apr-93 | | | 5.76 | 0.00 | 14.96 | |
| 23-Jul-93 | | | 7.29 | 0.00 | 13.43 | | |
| 27-Oct-93 | | | 7.93 | 0.00 | 12.79 | | |
| 27-Jan-94 | | | | 6.31 | 0.00 | 14.41 | |
| 5-May-94 | | | 20.32* | 6.84 | 0.00 | 13.48 | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| WELL NO. | MONT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | |
|------------|------------|-------------------|------------------|----------------------|-------------------------|-------------------|-------|
| S-8 (CONT) | 26-Jul-94 | | | 7.42 | 0.00 | 12.90 | |
| | 28-Oct-94 | | | 7.56 | 0.00 | 12.76 | |
| | 2-Jan-95 | | | 6.19 | 0.00 | 14.13 | |
| | 14-Apr-95 | | | 5.54 | 0.00 | 14.78 | |
| | 28-Jul-95 | | | 6.28 | 0.00 | 14.04 | |
| S-9 | 22-Nov-88 | 3.0 | 20.96 | 7.78 | 0.00 | 13.18 | |
| | 10-Aug-89 | | | 7.82 | 0.00 | 13.14 | |
| | 10-Oct-89 | | | 7.87 | 0.00 | 13.09 | |
| | 25-Jan-90 | | | 7.41 | 0.00 | 13.55 | |
| | 18-Apr-90 | | | 7.65 | 0.00 | 13.31 | |
| | 23-Jul-90 | | | 7.58 | 0.00 | 13.38 | |
| | 18-Oct-90 | | | 8.46 | 0.00 | 12.50 | |
| | 28-Jan-91 | | | 8.29 | 0.00 | 12.67 | |
| | 25-Apr-91 | | | 6.09 | 0.00 | 14.87 | |
| | 9-Jul-91 | | | 7.82 | 0.00 | 13.14 | |
| | 8-Oct-91 | | | 8.55 | 0.00 | 12.41 | |
| | 5-Feb-91 | | | 6.96 | 0.00 | 14.00 | |
| | 28-Apr-92 | | | 6.76 | 0.00 | 14.20 | |
| | 27-Jul-92 | | | 8.10 | 0.00 | 12.86 | |
| | 26-Oct-92 | | | 8.53 | 0.00 | 12.43 | |
| | 13-Jan-93 | | | 6.80 | 0.00 | 14.16 | |
| | 16-Apr-93 | | | 6.28 | 0.00 | 14.68 | |
| | 23-Jul-93 | | | 7.26 | 0.00 | 13.70 | |
| | 27-Oct-93 | | | 8.00 | 0.00 | 12.96 | |
| | 27-Jan-94 | | | 5.96 | 0.00 | 15.00 | |
| | 5-May-94 | | | 20.68* | 6.99 | 0.00 | 13.69 |
| | 26-Jul-94 | | | | 7.56 | 0.00 | 13.12 |
| | 28-Oct-94 | | | | 7.78 | 0.00 | 12.90 |
| 2-Jan-95 | | | | 6.29 | 0.00 | 14.39 | |
| 14-Apr-95 | | | | 5.69 | 0.00 | 14.99 | |
| 28-Jul-95 | | | | 6.61 | 0.00 | 14.07 | |
| S-10 | 22-Nov-88 | 3.0 | 20.69 | 7.91 | 0.00 | 12.78 | |
| | 10-Aug-89 | | | 7.94 | 0.00 | 12.75 | |
| | 10-Oct-89 | | | 7.99 | 0.00 | 12.70 | |
| | 25-Jan-90 | | | 7.56 | 0.00 | 13.13 | |
| | 18-Apr-90 | | | 7.71 | 0.00 | 12.98 | |
| | 23-Jul-90 | | | 7.64 | 0.00 | 13.05 | |
| | 18-Oct-90 | | | 8.58 | 0.00 | 12.11 | |
| | 28-Jan-91 | | | 8.35 | 0.00 | 12.34 | |
| | 25-Apr-91 | | | 6.91 | 0.00 | 13.78 | |
| | 9-Jul-91 | | | 8.14 | 0.00 | 12.55 | |
| | 8-Oct-91 | | | 8.70 | 0.00 | 11.99 | |
| | 5-Feb-91 | | | 7.57 | 0.00 | 13.12 | |
| | 28-Apr-92 | | | 7.20 | 0.00 | 13.49 | |
| | 27-Jul-92 | | | 8.17 | 0.00 | 12.52 | |
| | 26-Oct-92 | | | 8.68 | 0.00 | 12.01 | |
| | 13-Jan-93 | | | 3.78 | 0.00 | 16.91 | |
| | 16-Apr-93 | | | 6.46 | 0.00 | 14.23 | |
| 23-Jul-93 | | | 7.38 | 0.00 | 13.31 | | |
| 27-Oct-93 | | | 8.09 | 0.00 | 12.60 | | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| WELL NO. | MONT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) |
|-------------|------------|-------------------|------------------|----------------------|-------------------------|-------------------|
| S-10 (CONT) | 27-Jan-94 | | | 5.81 | 0.00 | 14.88 |
| | 5-May-94 | | 20.15* | 6.82 | 0.00 | 13.33 |
| | 26-Jul-94 | | | 7.40 | 0.00 | 12.75 |
| | 28-Oct-94 | | | 7.62 | 0.00 | 12.53 |
| | 2-Jan-95 | | | 6.13 | 0.00 | 14.02 |
| | 14-Apr-95 | | | 5.60 | 0.00 | 14.55 |
| | 28-Jul-95 | | | 6.44 | 0.00 | 13.71 |
| S-11 | 22-Nov-88 | 3.0 | 21.26 | 8.62 | 0.00 | 12.64 |
| | 10-Aug-89 | | | 8.65 | 0.00 | 12.61 |
| | 10-Oct-89 | | | 8.64 | 0.00 | 12.62 |
| | 25-Jan-90 | | | 8.43 | 0.00 | 12.83 |
| | 18-Apr-90 | | | 8.42 | 0.00 | 12.84 |
| | 23-Jul-90 | | | 8.23 | 0.00 | 13.03 |
| | 18-Oct-90 | | | 9.20 | 0.00 | 12.06 |
| | 28-Jan-91 | | | 9.13 | 0.00 | 12.13 |
| | 25-Apr-91 | | | 7.53 | 0.00 | 13.73 |
| | 9-Jul-91 | | | 8.85 | 0.00 | 12.41 |
| | 8-Oct-91 | | | 9.34 | 0.00 | 11.92 |
| | 5-Feb-91 | | | 8.50 | 0.00 | 12.76 |
| | 28-Apr-92 | | | 7.80 | 0.00 | 13.46 |
| | 27-Jul-92 | | | 8.80 | 0.00 | 12.46 |
| | 26-Oct-92 | | | 9.42 | 0.00 | 11.84 |
| | 13-Jan-93 | | | 6.52 | 0.00 | 14.74 |
| | 16-Apr-93 | | | 6.86 | 0.00 | 14.40 |
| | 23-Jul-93 | | | 8.07 | 0.00 | 13.19 |
| | 27-Oct-93 | | | NM | NM | NM |
| | 27-Jan-94 | | | NM | NM | NM |
| 5-May-94 | | | 21.24* | 7.73 | 0.00 | 13.51 |
| 26-Jul-94 | | | | 8.30 | 0.00 | 12.94 |
| 28-Oct-94 | | | | 8.30 | 0.00 | 12.94 |
| 2-Jan-95 | | | | 7.25 | 0.00 | 13.99 |
| 14-Apr-95 | | | | 6.99 | 0.00 | 14.25 |
| 28-Jul-95 | | | | 7.21 | 0.00 | 14.03 |
| S-12 | 10-Aug-89 | 3.0 | 21.05 | 8.32 | 0.00 | 12.73 |
| | 10-Oct-89 | | | 8.32 | 0.00 | 12.73 |
| | 25-Jan-90 | | | 8.18 | 0.00 | 12.87 |
| | 18-Apr-90 | | | 8.05 | 0.00 | 13.00 |
| | 23-Jul-90 | | | 7.92 | 0.00 | 13.13 |
| | 18-Oct-90 | | | 8.90 | 0.00 | 12.15 |
| | 28-Jan-91 | | | 8.54 | 0.00 | 12.51 |
| | 25-Apr-91 | | | 7.08 | 0.00 | 13.97 |
| | 9-Jul-91 | | | 8.42 | 0.00 | 12.63 |
| | 8-Oct-91 | | | 8.80 | 0.00 | 12.25 |
| | 5-Feb-92 | | | 8.07 | 0.00 | 12.98 |
| | 28-Apr-92 | | | 8.33 | 0.00 | 12.72 |
| | 27-Jul-92 | | | 8.55 | 0.00 | 12.50 |
| | 26-Oct-92 | | | 9.03 | 0.00 | 12.02 |
| | 13-Jan-93 | | | 6.38 | 0.00 | 14.67 |
| 16-Apr-93 | | | 6.56 | 0.00 | 14.49 | |
| 23-Jul-93 | | | 7.76 | 0.00 | 13.29 | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| WELL NO. | MON. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) |
|-------------|-----------|-------------------|------------------|----------------------|-------------------------|-------------------|
| S-12 (CONT) | 27-Oct-93 | | | NM | NM | NM |
| | 27-Jan-94 | | | NM | NM | NM |
| | 5-May-94 | | 20.71* | 7.49 | 0.00 | 13.22 |
| | 26-Jul-94 | | | 7.92 | 0.00 | 12.79 |
| | 28-Oct-94 | | | 7.78 | 0.00 | 12.93 |
| | 2-Jan-95 | | | 7.33 | 0.00 | 13.38 |
| | 14-Apr-95 | | | 6.47 | 0.00 | 14.24 |
| | 28-Jul-95 | | | 6.90 | 0.00 | 13.81 |
| S-13 | 10-Aug-89 | 3.0 | 20.57 | 8.00 | 0.00 | 12.57 |
| | 10-Oct-89 | | | 7.95 | 0.00 | 12.62 |
| | 25-Jan-90 | | | 7.79 | 0.00 | 12.78 |
| | 18-Apr-90 | | | 7.73 | 0.00 | 12.84 |
| | 23-Jul-90 | | | 7.63 | 0.00 | 12.94 |
| | 18-Oct-90 | | | 8.58 | 0.00 | 11.99 |
| | 28-Jan-91 | | | 8.39 | 0.00 | 12.18 |
| | 25-Apr-91 | | | 7.00 | 0.00 | 13.57 |
| | 9-Jul-91 | | | 8.12 | 0.00 | 12.45 |
| | 8-Oct-91 | | | 8.69 | 0.00 | 11.88 |
| | 5-Feb-92 | | | 7.62 | 0.00 | 12.95 |
| | 28-Apr-92 | | | 7.15 | 0.00 | 13.42 |
| | 27-Jul-92 | | | 8.20 | 0.00 | 12.37 |
| | 26-Oct-92 | | | 8.73 | 0.00 | 11.84 |
| | 13-Jan-93 | | | 5.06 | 0.00 | 15.51 |
| | 16-Apr-93 | | | 6.38 | 0.00 | 14.19 |
| | 23-Jul-93 | | | 7.45 | 0.00 | 13.12 |
| | 27-Oct-93 | | | NM | NM | NM |
| | 27-Jan-94 | | | NM | NM | NM |
| | 5-May-94 | | | 20.16* | 6.91 | 0.00 |
| 26-Jul-94 | | | | 7.52 | 0.00 | 12.64 |
| 28-Oct-94 | | | | 7.68 | 0.00 | 12.48 |
| 2-Jan-95 | | | | 6.37 | 0.00 | 13.79 |
| 14-Apr-95 | | | | 5.81 | 0.00 | 14.35 |
| 28-Jul-95 | | | | 6.73 | 0.00 | 13.43 |
| S-14 | 10-Aug-89 | 3.0 | 20.44 | 7.58 | 0.00 | 12.86 |
| | 10-Oct-89 | | | 7.62 | 0.00 | 12.82 |
| | 25-Jan-90 | | | 7.82 | 0.00 | 12.62 |
| | 18-Apr-90 | | | 7.37 | 0.00 | 13.07 |
| | 23-Jul-90 | | | 7.28 | 0.00 | 13.16 |
| | 18-Oct-90 | | | 8.10 | 0.00 | 12.34 |
| | 28-Jan-91 | | | 8.04 | 0.00 | 12.40 |
| | 25-Apr-91 | | | 6.40 | 0.00 | 14.04 |
| | 9-Jul-91 | | | 7.69 | 0.00 | 12.75 |
| | 8-Oct-91 | | | 8.24 | 0.00 | 12.20 |
| | 5-Feb-92 | | | 7.20 | 0.00 | 13.24 |
| | 28-Apr-92 | | | 9.75 | 0.00 | 10.69 |
| | 27-Jul-92 | | | 7.64 | 0.00 | 12.80 |
| | 26-Oct-92 | | | 8.32 | 0.00 | 12.12 |
| | 13-Jan-93 | | | 5.07 | 0.00 | 15.37 |
| | 16-Apr-93 | | | 5.86 | 0.00 | 14.58 |
| 23-Jul-93 | | | 7.06 | 0.00 | 13.38 | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
 15275 WASHINGTON
 SAN LEANDRO, CALIFORNIA
 WIC #204-6852-1008

| WELL NO. | MONIT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | |
|-------------|-------------|-------------------|------------------|----------------------|-------------------------|-------------------|-------|
| S-14 (CONT) | 27-Oct-93 | | | NM | NM | NM | |
| | 27-Jan-94 | | | NM | NM | NM | |
| | 5-May-94 | | 19.99* | 6.48 | 0.00 | 13.51 | |
| | 26-Jul-94 | | | 7.04 | 0.00 | 12.95 | |
| | 28-Oct-94 | | | 7.07 | 0.00 | 12.92 | |
| | 2-Jan-95 | | | 5.95 | 0.00 | 14.04 | |
| | 14-Apr-95 | | | 5.22 | 0.00 | 14.77 | |
| | 28-Jul-95 | | | 6.21 | 0.00 | 13.78 | |
| S-15 | 10-Aug-89 | 3.0 | 22.22 | 8.48 | 0.00 | 13.74 | |
| | 10-Oct-89 | | | 8.46 | 0.00 | 13.76 | |
| | 25-Jan-90 | | | 8.34 | 0.00 | 13.88 | |
| | 18-Apr-90 | | | 8.45 | 0.00 | 13.77 | |
| | 23-Jul-90 | | | 8.22 | 0.00 | 14.00 | |
| | 18-Oct-90 | | | 9.11 | 0.00 | 13.11 | |
| | 28-Jan-91 | | | 9.13 | 0.00 | 13.09 | |
| | 25-Apr-91 | | | 7.83 | 0.00 | 14.39 | |
| | 9-Jul-91 | | | 8.93 | 0.00 | 13.29 | |
| | 8-Oct-91 | | | 9.26 | 0.00 | 12.96 | |
| | 5-Feb-92 | | | 8.60 | 0.00 | 13.62 | |
| | 28-Apr-92 | | | 8.09 | 0.00 | 14.13 | |
| | 27-Jul-92 | | | 8.83 | 0.00 | 13.39 | |
| | 26-Oct-92 | | | 9.31 | 0.00 | 12.91 | |
| | 13-Jan-93 | | | 6.64 | 0.00 | 15.58 | |
| | 16-Apr-93 | | | 7.14 | 0.00 | 15.08 | |
| | 23-Jul-93 | | | 8.23 | 0.00 | 13.99 | |
| | 27-Oct-93 | | | NM | NM | NM | |
| | 27-Jan-94 | | | NM | NM | NM | |
| | 5-May-94 | | | 21.42* | 7.57 | 0.00 | 13.85 |
| | 26-Jul-94 | | | | 8.16 | 0.00 | 13.26 |
| | 28-Oct-94 | | | | 7.87 | 0.00 | 13.55 |
| 2-Jan-95 | | | | 7.02 | 0.00 | 14.40 | |
| 14-Apr-95 | | | | 6.19 | 0.00 | 15.23 | |
| 28-Jul-95 | | | | 6.72 | 0.00 | 14.70 | |
| S-16 | 10-Aug-89 | 3.0 | 21.82 | 8.36 | 0.00 | 13.46 | |
| | 10-Oct-89 | | | 8.23 | 0.00 | 13.59 | |
| | 25-Jan-90 | | | 7.88 | 0.00 | 13.94 | |
| | 18-Apr-90 | | | 8.19 | 0.00 | 13.63 | |
| | 23-Jul-90 | | | 8.09 | 0.00 | 13.73 | |
| | 18-Oct-90 | | | 8.90 | 0.00 | 12.92 | |
| | 28-Jan-91 | | | 8.55 | 0.00 | 13.27 | |
| | 25-Apr-91 | | | 7.48 | 0.00 | 14.34 | |
| | 9-Jul-91 | | | 8.48 | 0.00 | 13.34 | |
| | 8-Oct-91 | | | 8.95 | 0.00 | 12.87 | |
| | 5-Feb-92 | | | 8.20 | 0.00 | 13.62 | |
| | 28-Apr-92 | | | 7.80 | 0.00 | 14.02 | |
| | 27-Jul-92 | | | 8.29 | 0.00 | 13.53 | |
| | 26-Oct-92 | | | 9.02 | 0.00 | 12.80 | |
| | 13-Jan-93 | | | 5.78 | 0.00 | 16.04 | |
| | 16-Apr-93 | | | 6.80 | 0.00 | 15.02 | |
| | 23-Jul-93 | | | 7.67 | 0.00 | 14.15 | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| WELL NO. | MON. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) |
|-------------|-----------|-------------------|------------------|----------------------|-------------------------|-------------------|
| S-16 (CONT) | 27-Oct-93 | | | 8.52 | NM | 13.30 |
| | 27-Jan-94 | | | 7.20 | NM | 14.62 |
| | 5-May-94 | | 21.24* | 7.76 | 0.00 | 13.48 |
| | 26-Jul-94 | | | 7.84 | 0.00 | 13.40 |
| | 28-Oct-94 | | | 7.97 | 0.00 | 13.27 |
| | 2-Jan-95 | | | 6.49 | 0.00 | 14.75 |
| | 14-Apr-95 | | | 6.08 | 0.00 | 15.16 |
| | 28-Jul-95 | | | 7.00 | 0.00 | 14.24 |
| S-17 | 10-Aug-89 | 3.0 | 20.95 | 8.13 | 0.00 | 12.82 |
| | 10-Oct-89 | | | 8.18 | 0.00 | 12.77 |
| | 25-Jan-90 | | | 7.60 | 0.00 | 13.35 |
| | 18-Apr-90 | | | 7.95 | 0.00 | 13.00 |
| | 23-Jul-90 | | | 7.87 | 0.00 | 13.08 |
| | 18-Oct-90 | | | 8.71 | 0.00 | 12.24 |
| | 28-Jan-91 | | | 8.54 | 0.00 | 12.41 |
| | 25-Apr-91 | | | 7.15 | 0.00 | 13.80 |
| | 9-Jul-91 | | | 8.24 | 0.00 | 12.71 |
| | 8-Oct-91 | | | 8.86 | 0.00 | 12.09 |
| | 5-Feb-92 | | | 7.74 | 0.00 | 13.21 |
| | 28-Apr-92 | | | 7.41 | 0.00 | 13.54 |
| | 27-Jul-92 | | | 8.34 | 0.00 | 12.61 |
| | 26-Oct-92 | | | 8.87 | 0.00 | 12.08 |
| | 13-Jan-93 | | | 3.43 | 0.00 | 17.52 |
| | 16-Apr-93 | | | 6.70 | 0.00 | 14.25 |
| | 23-Jul-93 | | | 7.53 | 0.00 | 13.42 |
| | 27-Oct-93 | | | 8.29 | 0.00 | 12.66 |
| | 27-Jan-94 | | | 5.78 | 0.00 | 15.17 |
| | 5-May-94 | | 20.45* | 6.99 | 0.00 | 13.46 |
| 26-Jul-94 | | | 7.62 | 0.00 | 12.83 | |
| 28-Oct-94 | | | 7.91 | 0.00 | 12.54 | |
| 2-Jan-95 | | | 6.33 | 0.00 | 14.12 | |
| 14-Apr-95 | | | 5.53 | 0.00 | 14.92 | |
| 28-Jul-95 | | | 6.75 | 0.00 | 13.70 | |
| S-18 | 25-Apr-91 | 3.0 | 21.03 | NM | NM | NM |
| | 9-Jul-91 | | | 8.23 | 0.00 | 12.80 |
| | 8-Oct-91 | | | 8.84 | 0.00 | 12.19 |
| | 5-Feb-92 | | | 7.67 | 0.00 | 13.36 |
| | 28-Apr-92 | | | 7.40 | 0.00 | 13.63 |
| | 27-Jul-92 | | | 8.38 | 0.00 | 12.65 |
| | 26-Oct-92 | | | 8.83 | 0.00 | 12.20 |
| | 13-Jan-93 | | | 5.86 | 0.00 | 15.17 |
| | 16-Apr-93 | | | 4.88 | 0.00 | 16.15 |
| | 23-Jul-93 | | | 7.56 | 0.00 | 13.47 |
| | 27-Oct-93 | | | 8.30 | 0.00 | 12.73 |
| | 27-Jan-94 | | | 6.84 | 0.00 | 14.19 |
| | 5-May-94 | | 20.57* | 7.05 | 0.00 | 13.52 |
| | 26-Jul-94 | | | 7.62 | 0.00 | 12.95 |
| | 28-Oct-94 | | | 8.01 | 0.00 | 12.56 |
| 2-Jan-95 | | | 6.26 | 0.00 | 14.31 | |
| 14-Apr-95 | | | 4.85 | 0.00 | 15.72 | |

TABLE 1

FIELD MONITORING DATA

FORMER SHELL SERVICE STATION
 15275 WASHINGTON
 SAN LEANDRO, CALIFORNIA
 WIC #204-6852-1008

| WELL NO. | MONT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) |
|-------------|------------|-------------------|------------------|----------------------|-------------------------|-------------------|
| S-18 (CONT) | 28-Jul-95 | | | 5.80 | 0.00 | 14.77 |
| SR-1 | 25-Jan-90 | 6.0 | 21.45 | 7.53 | 0.00 | 13.92 |
| | 18-Apr-90 | | | 8.17 | 0.00 | 13.28 |
| | 23-Jul-90 | | | 7.58 | 0.00 | 13.87 |
| | 18-Oct-90 | | | 8.81 | 0.00 | 12.64 |
| | 28-Jan-91 | | | 8.37 | 0.00 | 13.08 |
| | 25-Apr-91 | | | 6.91 | 0.00 | 14.54 |
| | 9-Jul-91 | | | 8.11 | 0.00 | 13.34 |
| | 8-Oct-91 | | | 8.63 | 0.00 | 12.82 |
| | 5-Feb-92 | | | 7.68 | 0.00 | 13.77 |
| | 28-Apr-92 | | | 7.27 | 0.00 | 14.18 |
| | 27-Jul-92 | | | 8.11 | 0.01 | 13.34 |
| | 26-Oct-92 | | | 8.63 | 0.00 | 12.82 |
| | 13-Jan-93 | | | 5.46 | 0.00 | 15.99 |
| | 16-Apr-93 | | | 6.28 | 0.00 | 15.17 |
| | 23-Jul-93 | | | 7.34 | 0.00 | 14.11 |
| | 27-Oct-93 | | | 8.04 | 0.00 | 13.41 |
| | 27-Jan-94 | | | 6.68 | 0.00 | 14.77 |
| | 5-May-94 | | 20.57* | 6.81 | 0.00 | 13.76 |
| | 26-Jul-94 | | | 7.38 | 0.00 | 13.19 |
| | 28-Oct-94 | | | 7.48 | 0.00 | 13.09 |
| | 2-Jan-95 | | | 6.34 | 0.00 | 14.23 |
| | 14-Apr-95 | | | 5.29 | 0.00 | 15.28 |
| | 28-Jul-95 | | | 6.36 | 0.00 | 14.21 |

NOTES:

Elevations referenced to Mean Sea Level

NM = not measured

* Top of casing elevation surveyed by L. Wade Hammond on 5/31/94

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-1 | 8-Jul-85 | 520 | NA | NA | NA | NA |
| | 6-Sep-88 | <50 | <0.5 | <1 | <1 | <0.3 |
| | 16-Nov-88 | <50 | <0.5 | <1 | <1 | <0.3 |
| | 27-Feb-89 | <50 | 0.5 | <1 | <1 | <0.3 |
| | 4-May-89 | <50 | 1 | <1 | <1 | <0.3 |
| | 10-Aug-89 | <50 | 0.7 | <1 | <1 | <0.3 |
| | 10-Oct-89 | <50 | <0.5 | <1 | <1 | <0.3 |
| | 25-Jan-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | 80 | 5 | <0.5 | <0.5 | 3 |
| | 28-Jan-91 | <50 | 4.5 | <0.5 | <0.5 | 2 |
| | 25-Apr-91 | 80* | 3.7 | <0.5 | 0.7 | 2 |
| | 9-Jul-91 | 200 | 16 | <0.5 | 1.3 | 5.8 |
| | 8-Oct-91 | <50 | 2.3 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | 160 | 8.9 | <0.5 | 2.1 | 6 |
| | 28-Apr-92 | <50 | 2.4 | <0.5 | <0.5 | 0.9 |
| | 27-Jul-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 57 | 3 | 1.6 | 1.4 | 1.7 |
| | 14-Jan-93 | 490 | 53 | 1.2 | 20 | 33 |
| | 16-Apr-93 | 240 | 20 | <0.5 | 15 | 240 |
| | 23-Jul-93 | <50 | 0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Oct-93 | 60 | 5.9 | <0.5 | 2.5 | 1.7 |
| | 27-Jan-94 | <50 | 2.1 | <0.5 | <0.5 | 0.63 |
| | 5-May-94 | 57 | 3.9 | <0.5 | 1.9 | 1.9 |
| | 26-Jul-94 | <50 | 2.2 | <0.3 | <0.3 | <0.6 |
| | 28-Oct-94 | <50 | 0.8 | <0.3 | <0.3 | 0.8 |
| | 2-Jan-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Jul-95 | 60 | 2.2 | <0.5 | 1.3 | 1.2 | |
| S-3 | 6-Sep-88 | 96000 | 3400 | 9500 | 2700 | 17000 |
| | 16-Nov-88 | 70000 | 4600 | 8400 | 2500 | 13000 |
| | 27-Feb-89 | 32000 | 2400 | 3100 | 1500 | 6400 |
| | 4-May-89 | 47000 | 4400 | 300 | 2400 | 15000 |
| | 10-Aug-89 | 110000 | 5700 | 5700 | 3200 | 19000 |
| | 10-Oct-89 | 52000 | 4600 | 3300 | 2600 | 15000 |
| | 25-Jan-90 | 420000 | 5200 | 4100 | 6700 | 34000 |
| | 18-Apr-90 | 58000 | 3800 | 1400 | 2400 | 12000 |
| | 23-Jul-90 | 49000 | 3400 | 1800 | 2300 | 12000 |
| | 18-Oct-90 | 44000 | 3500 | 650 | 2400 | 11000 |
| | 28-Jan-91 | 64000 | 40900 | 570 | 1940 | 8090 |
| | 25-Apr-91 | 120000 | 3900 | 3600 | 2400 | 8900 |
| | 9-Jul-91 | 50000 | 3600 | 2300 | 1800 | 10000 |
| | 8-Oct-91 | 130000 | 3600 | 1000 | 2800 | 8400 |
| | 5-Feb-92 | 150000 | 2500 | 670 | 2700 | 10000 |
| | 28-Apr-92 | 120000 | 2200 | 1200 | 2000 | 5800 |
| 27-Jul-92 | 190000 | 1400 | <1250 | <1250 | 3400 | |
| 26-Oct-92 | 950000 | 2000 | 8400 | 16000 | 36000 | |
| 14-Jan-93 | 41000 | 2700 | 2500 | 1800 | 6900 | |
| 16-Apr-93 | 40000 | 930 | 2800 | 1900 | 14000 | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|-----------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-3 (CONT) | 23-Jul-93 | 87000 | 1600 | <5 | 1300 | 4000 |
| | 27-Oct-93 | 36000 | 2200 | <500 | 1500 | 3200 |
| | 27-Jan-94 | 190000 | 3200 | 3100 | 4100 | 15000 |
| | 5-May-94 | 36000 | 1100 | 490 | 1600 | 4700 |
| | 26-Jul-94 | 18000 | 1039 | 170.5 | 845.4 | 967.5 |
| | 28-Oct-94 | 25869 | 467.9 | 294 | 546.2 | 343.3 |
| | 2-Jan-95 | 23000 | 850 | 260 | 900 | 2100 |
| | 14-Apr-95 | 33000 | 720 | 670 | 1600 | 6600 |
| | 28-Jul-95 | 12000 | 540 | <10 | 580 | 780 |
| | S-5 | 8-Jan-87 | 7800 | 380 | 510 | NR |
| 6-Sep-88 | | 7000 | 2600 | 60 | 400 | 700 |
| 16-Nov-88 | | 3000 | 660 | 60 | 120 | 220 |
| 27-Feb-89 | | 5700 | 2000 | 220 | 260 | 320 |
| 4-May-89 | | 9000 | 3000 | 600 | 630 | 1700 |
| 10-Aug-89 | | 5100 | 1100 | <50 | 270 | 400 |
| 10-Oct-89 | | 15000 | 3300 | 160 | 830 | 2200 |
| 25-Jan-90 | | 12000 | 2400 | 360 | 570 | 1400 |
| 18-Apr-90 | | 5200 | 1100 | 40 | 300 | 460 |
| 23-Jul-90 | | 5500 | 1300 | 140 | 320 | 730 |
| 18-Oct-90 | | 12000 | 3200 | 40 | 720 | 900 |
| 28-Jan-91 | | 2550 | 410 | 15 | 110 | 60 |
| 25-Apr-91 | | 67000 | 5100 | 3100 | 2800 | 11000 |
| 9-Jul-91 | | 4900 | 480 | 36 | 360 | 1000 |
| 8-Oct-91 | | 6600 | 370 | 7 | 190 | 380 |
| 5-Feb-92 | | 44000 | 4800 | 850 | 2700 | 8400 |
| 28-Apr-92 | | 33000 | 1400 | 320 | 1600 | 5200 |
| 27-Jul-92 | | 20000 | 2400 | <25 | 1800 | 2300 |
| 26-Oct-92 | | 21000 | 1600 | 140 | 1500 | 2800 |
| 14-Jan-93 | | 54000 | 1900 | 1000 | 2700 | 16000 |
| 16-Apr-93 | | 42000 | 2000 | 1300 | 4300 | 18000 |
| 23-Jul-93 | | 46000 | 2500 | 2200 | 3400 | 11000 |
| 27-Oct-93 | | 6500 | 990 | 31 | 1100 | 1000 |
| 27-Jan-94 | | 34000 | 1800 | 580 | 2900 | 9700 |
| 5-May-94 | | 24000 | 670 | 70 | 1400 | 2700 |
| 27-Jul-94 | | 4700 | 193.6 | 33.1 | 332.3 | 281.2 |
| 28-Oct-94 | 3200 | 167.3 | 18 | 238.7 | 104.5 | |
| 2-Jan-95 | 18000 | 1300 | 220 | 3400 | 10000 | |
| 28-Jul-95 | 25000 | 440 | 74 | 1700 | 4500 | |
| 28-Jul-95 (Dup) | 25000 | 450 | <50 | 1700 | 4600 | |
| S-6 | 16-Nov-88 | 50 | 0.7 | <1 | <1 | <3 |
| | 27-Feb-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 4-May-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Aug-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Oct-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | <50 | <0.5 | 0.6 | <0.5 | 1 |
| | 23-Jul-90 | <50 | <0.5 | 0.9 | <0.5 | 1.8 |
| | 18-Oct-90 | <50 | <0.5 | 0.7 | <0.5 | 0.8 |
| | 28-Jan-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-6(CONT.) | 25-Apr-91 | <50 | <0.5 | <0.5 | <0.5 | 0.7 |
| | 9-Jul-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | <50 | 0.7 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-94 | NR | NR | NR | NR | NR |
| | 16-Apr-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | NR | NR | NR | NR | NR |
| | 27-Oct-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | NR | NR | NR | NR | NR |
| | 5-May-94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | NR | NR | NR | NR | NR |
| | 28-Oct-94 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | NR | NR | NR | NR | NR |
| | 14-Apr-95 | <50 | <0.5 | 1.3 | <0.5 | <0.5 |
| S-7 | 16-Nov-88 | 100 | 5.1 | 15 | 2 | 13 |
| | 27-Feb-89 | 50 | 0.5 | 3 | 1 | 11 |
| | 4-May-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Aug-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Oct-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | <50 | <0.5 | 0.5 | 0.5 | 4.1 |
| | 28-Jan-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 25-Apr-91 | 60 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9-Jul-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 570 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 14-Jan-93 | 56 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 16-Apr-93 | 110 | 28 | <0.5 | <0.5 | 1.8 |
| | 23-Jul-93 | 80 | 0.48 | <0.5 | <0.5 | 0.8 |
| | 27-Oct-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | 70** | <0.5 | <0.5 | <0.5 | <0.5 |
| 5-May-94 | 92 | 2.1 | <0.5 | <0.5 | <0.5 | |
| 26-Jul-94 | 88 | <0.3 | <0.3 | <0.3 | <0.6 | |
| 28-Oct-94 | 60 | <0.3 | 0.5 | <0.3 | <0.6 | |
| 2-Jan-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 28-Jul-95 | 170 | 1.7 | <0.5 | <0.5 | 2.2 | |
| S-8 | 16-Nov-88 | 210 | 5 | <1 | 1 | 5 |
| | 27-Feb-89 | <50 | 2.4 | <1 | <1 | <3 |
| | 4-May-89 | <50 | 7.5 | <1 | 2 | <3 |
| | 10-Aug-89 | <50 | 0.6 | <1 | <1 | <3 |
| | 10-Oct-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION

15275 WASHINGTON

SAN LEANDRO, CALIFORNIA

WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-8(CONT.) | 23-Jul-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Jan-91 | <50 | 55 | 0.5 | <0.5 | 1.4 |
| | 25-Apr-91 | 130* | 19 | <0.5 | 1.3 | 1.1 |
| | 9-Jul-91 | 200 | 33 | <0.5 | 1.8 | 2.8 |
| | 8-Oct-91 | 580 | 95 | 2.2 | 4.9 | 6.5 |
| | 5-Feb-92 | 90* | 18 | <0.5 | 6.2 | 1.8 |
| | 28-Apr-92 | <50 | 5.9 | <0.5 | 2.5 | <0.5 |
| | 27-Jul-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 14-Jan-93 | 270 | 74 | 0.9 | 25 | 5.5 |
| | 16-Apr-93 | 1100 | 420 | <0.5 | 200 | 20 |
| | 23-Jul-93 | 160 | 23 | <0.5 | 1.2 | 1.5 |
| | 27-Oct-93 | 420 | 650 | 0.7 | 11 | 1.7 |
| | 27-Jan-94 | 290 | 65 | <1 | 6.9 | 2.4 |
| | 5-May-94 | 120 | 13 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | 115 | 12.2 | 1.3 | <0.3 | 2.7 |
| | 28-Oct-94 | 733 | 75.9 | 3.2 | 4.9 | 4.2 |
| | 2-Jan-95 | 290 | 54 | <0.5 | 10 | <0.5 |
| | 14-Apr-95 | 230 | 68 | <0.5 | 10 | 2.4 |
| 28-Jul-95 | 290 | 44 | <0.5 | 8 | <0.5 | |
| S-9 | 16-Nov-88 | 1400 | 69 | 3 | 52 | 180 |
| | 27-Feb-89 | 1600 | 240 | 4 | 130 | 180 |
| | 4-May-89 | 2600 | 470 | 10 | 240 | 480 |
| | 10-Aug-89 | 520 | 73 | <10 | 40 | <30 |
| | 10-Oct-89 | 380 | 82 | <1 | 46 | 13 |
| | 25-Jan-90 | 750 | 140 | 1.2 | 69 | 75 |
| | 18-Apr-90 | 680 | 150 | 1.7 | 50 | 37 |
| | 23-Jul-90 | 490 | 94 | 1.2 | 32 | 24 |
| | 18-Oct-90 | 390 | 140 | 0.7 | 3.3 | 24 |
| | 28-Jan-91 | 1040 | 450 | 4.6 | 85 | 97 |
| | 25-Apr-91 | 5800 | 880 | 9 | 360 | 500 |
| | 9-Jul-91 | 1400 | 220 | 2.8 | 82 | 100 |
| | 8-Oct-91 | 890 | 960 | <2.5 | 16 | 29 |
| | 5-Feb-92 | 950 | 240 | <2.5 | 28 | 55 |
| | 28-Apr-92 | 1400* | 290 | 3 | 100 | 81 |
| | 27-Jul-92 | 890 | 190 | <2.5 | 66 | 68 |
| | 26-Oct-92 | 650 | 160 | <2.5 | 63 | 89 |
| | 13-Jan-93 | 19000 | 2400 | 38 | 1700 | 2200 |
| | 16-Apr-93 | 10000 | 1500 | <5 | 1100 | 990 |
| | 23-Jul-93 | 1100 | 400 | <5 | 260 | 160 |
| | 27-Oct-93 | 2500 | 400 | <5 | 190 | 110 |
| | 27-Jan-94 | 4800 | 990 | 16 | 630 | 490 |
| | 5-May-94 | 3700 | 480 | <5 | 21 | 120 |
| 26-Jul-94 | 1000 | 124.6 | <0.3 | 35.8 | 28.6 | |
| 28-Oct-94 | 979 | 80.3 | 7 | 21.7 | 29.2 | |
| 2-Jan-95 | 3900 | 540 | 2.4 | 350 | 150 | |
| 14-Apr-95 | 5100 | 1000 | <10 | 380 | 230 | |
| 28-Jul-95 | 4600 | 680 | <10 | 120 | 47 | |

TABLE 2
HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-10 | 16-Nov-88 | 330 | 0.5 | <1 | 1 | 11 |
| | 27-Feb-89 | 140 | <0.5 | <3 | 2 | 6 |
| | 3-May-89 | 220 | <0.5 | 1 | 2 | 7 |
| | 10-Aug-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 9-Oct-89 | 170 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | <50 | <0.5 | <0.5 | 1.1 | 4 |
| | 18-Apr-90 | <50 | <0.5 | 0.9 | <0.5 | 2 |
| | 23-Jul-90 | 590 | <0.5 | <0.5 | 1.9 | 19 |
| | 18-Oct-90 | 140 | <0.5 | 0.7 | <0.5 | 7 |
| | 28-Jan-91 | <50 | <0.5 | <0.5 | <0.5 | 0.5 |
| | 25-Apr-91 | <50 | <0.5 | <0.5 | 1.1 | 0.8 |
| | 9-Jul-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 140 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-93 | 88 | <0.5 | 0.6 | 0.6 | <0.5 |
| | 16-Apr-93 | 80 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | <50 | 1.5 | <0.5 | 0.7 | 2.7 |
| | 27-Oct-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | 270 | 1.1 | 1.3 | 2 | 7.4 |
| | 5-May-94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 28-Oct-94 | <50 | 2.4 | <0.3 | 0.5 | 0.8 |
| | 2-Jan-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 14-Apr-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Jul-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| S-11 | 16-Nov-88 | <50 | <0.5 | <1 | <1 | <3 |
| | 27-Feb-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 3-May-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Aug-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 9-Oct-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | <50 | <0.5 | 0.6 | <0.5 | 1.1 |
| | 18-Oct-90 | <50 | <0.5 | <0.5 | <0.5 | 0.5 |
| | 28-Jan-91 | 63 | <0.5 | 3.3 | 0.9 | 7 |
| | 25-Apr-91 | <50 | <0.5 | <0.5 | 0.8 | <0.5 |
| | 9-Jul-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-93 | NR | NR | NR | NR | NR |
| 16-Apr-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 23-Jul-93 | NR | NR | NR | NR | NR | |
| 27-Oct-93 | NA | NA | NA | NA | NA | |
| 27-Jan-94 | NR | NR | NR | NR | NR | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-11 (CONT.) | 5-May-94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | NR | NR | NR | NR | NR |
| | 28-Oct-94 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | NR | NR | NR | NR | NR |
| | 14-Apr-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| S-12 | 16-Nov-88 | 50 | 3.5 | <1 | <1 | <3 |
| | 27-Feb-89 | <50 | 0.8 | <1 | <1 | <3 |
| | 3-May-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Aug-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 9-Oct-89 | <50 | <0.5 | <1 | <1 | <1 |
| | 25-Jan-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Jan-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 25-Apr-91 | 90 | 5.4 | <0.5 | 1.1 | 0.7 |
| | 9-Jul-91 | <50 | 2.9 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | 50* | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | 94 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 86 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 14-Jan-93 | 120 | 2 | <0.5 | <0.5 | <0.5 |
| | 16-Apr-93 | 60 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | 90 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Oct-93 | NA | NA | NA | NA | NA |
| | 27-Jan-94 | NA | NA | NA | NA | NA |
| | 5-May-94 | <50 | 2 | <0.5 | <0.5 | <0.5 |
| 26-Jul-94 | 128 | <0.3 | <0.3 | <0.3 | <0.6 | |
| 28-Oct-94 | 167 | <0.3 | <0.3 | <0.3 | <0.6 | |
| 2-Jan-95 | 50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 14-Apr-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 28-Jul-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| S-13 | 3-May-89 | 150 | 4.9 | 4 | 2 | 14 |
| | 10-Aug-89 | 110 | 2.9 | <1 | <1 | <3 |
| | 9-Oct-89 | 77 | 1.4 | <1 | <1 | <3 |
| | 25-Jan-90 | 51 | 0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | 85 | 8.7 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | 80 | 0.8 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | 130 | <0.5 | <0.5 | <0.5 | <5 |
| | 28-Jan-91 | <50 | <0.5 | 0.9 | 1.2 | 1 |
| | 25-Apr-91 | 440* | 3.8 | <0.5 | <0.5 | 0.6 |
| | 9-Jul-91 | 320* | 0.6 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 310 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 180 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-93 | NR | NR | NR | NR | NR |
| | 16-Apr-93 | 240 | 4.8 | <0.5 | 1.3 | <0.5 |
| 23-Jul-93 | NR | NR | NR | NR | NR | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-13 (CONT.) | 27-Oct-93 | NA | NA | NA | NA | NA |
| | 27-Jan-94 | NR | NR | NR | NR | NR |
| | 5-May-94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | NR | NR | NR | NR | NR |
| | 28-Oct-94 | 368 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | NR | NR | NR | NR | NR |
| S-14 | 3-May-89 | 5300 | 750 | 400 | 200 | 800 |
| | 10-Aug-89 | 1800 | 540 | 140 | 42 | 50 |
| | 9-Oct-89 | 1000 | 360 | 60 | 20 | 30 |
| | 25-Jan-90 | 640 | 160 | 77 | 17 | 39 |
| | 18-Apr-90 | 1200 | 200 | 110 | 30 | 96 |
| | 23-Jul-90 | 5000 | 430 | 340 | 140 | 660 |
| | 18-Oct-90 | 1800 | 770 | 13 | 17 | 120 |
| | 28-Jan-91 | 720 | 200 | 36 | 21 | 78 |
| | 25-Apr-91 | 14000 | 930 | 430 | 250 | 970 |
| | 9-Jul-91 | 160 | 30 | 5.3 | 5 | 16 |
| | 8-Oct-91 | 5400 | 81 | 57 | 95 | 380 |
| | 28-Apr-92 | 2000 | 270 | 140 | 48 | 170 |
| | 26-Oct-92 | 920 | 33 | 12 | 25 | 88 |
| | 13-Jan-93 | NR | NR | NR | NR | NR |
| | 16-Apr-93 | 4500 | 1100 | 29 | 91 | 170 |
| | 23-Jul-93 | NR | NR | NR | NR | NR |
| | 27-Oct-93 | NA | NA | NA | NA | NA |
| | 27-Jan-94 | NR | NR | NR | NR | NR |
| | 5-May-94 | 810 | 250 | <2.5 | 9.4 | 19 |
| | 26-Jul-94 | NR | NR | NR | NR | NR |
| 28-Oct-94 | 5385 | 290.6 | 85.8 | 49.7 | 186.2 | |
| 2-Jan-95 | NR | NR | NR | NR | NR | |
| 14-Apr-95 | 1600 | 40 | 4.7 | 11 | 20 | |
| S-15 | 3-May-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Aug-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 9-Oct-89 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | <50 | <0.5 | <1 | <1 | <1 |
| | 18-Apr-90 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Jan-91 | <50 | <0.5 | 0.6 | <0.5 | 0.8 |
| | 25-Apr-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9-Jul-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | 50 | 0.8 | 0.9 | <0.5 | 1.4 |
| | 27-Jul-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 14-Jan-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 16-Apr-93 | <50 | 0.6 | 1 | <0.5 | 0.7 |
| 23-Jul-93 | <50 | 1.2 | <0.5 | <0.5 | 1.6 | |
| 27-Oct-93 | NA | NA | NA | NA | NA | |
| 27-Jan-94 | NA | NA | NA | NA | NA | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) | |
|--------------|-------------|-----------------|---------------|---------------|--------------------|---------------|----|
| S-15 (CONT.) | 5-May-94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 26-Jul-94 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | |
| | 28-Oct-94 | <50 | 0.3 | <0.3 | <0.3 | <0.6 | |
| | 2-Jan-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 28-Jul-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| S-16 | 4-May-94 | 380 | 44 | 3 | 2 | <3 | |
| | 10-Aug-89 | <50 | 0.6 | <1 | <1 | <3 | |
| | 10-Oct-89 | <5 | <0.5 | <1 | <1 | <3 | |
| | 25-Jan-90 | 240 | 160 | 3.3 | 0.8 | 11 | |
| | 18-Apr-90 | <50 | 1 | <0.5 | <0.5 | <1 | |
| | 23-Jul-90 | <50 | 1.1 | <0.5 | <0.5 | <0.5 | |
| | 18-Oct-90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 28-Jan-91 | <50 | <0.5 | 0.6 | <0.5 | 0.9 | |
| | 25-Apr-91 | 60 [^] | 21 | 0.5 | 3.2 | 4.8 | |
| | 9-Jul-91 | <50 | 1 | <0.5 | <0.5 | <0.5 | |
| | 8-Oct-91 | 50 | 17 | 1.4 | 1.2 | 5.5 | |
| | 5-Feb-92 | 150 | 65 | 0.7 | <0.5 | 8.4 | |
| | 28-Apr-92 | <50 | 13 | <0.5 | <0.5 | <0.5 | |
| | 27-Jul-92 | 510 | 130 | <2.5 | <0.5 | 21 | |
| | 26-Oct-92 | <50 | <0.5 | <0.5 | <2.5 | <0.5 | |
| | 13-Jan-93 | 100 | 25 | 1.9 | <0.5 | 8.4 | |
| | 16-Apr-93 | 150 | 56 | 1.8 | 4.6 | 12 | |
| | 23-Jul-93 | <50 | 0.9 | <0.5 | <0.5 | <0.5 | |
| | 27-Oct-93 | <50 | 1.5 | <0.5 | <0.5 | <0.5 | |
| | 27-Jan-94 | 140 | 85 | <1 | <1 | 13 | |
| | 5-May-94 | 71 | 25 | <0.5 | <0.5 | 4.2 | |
| | 26-Jul-94 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | |
| | 28-Oct-94 | <50 | 11.5 | <0.3 | <0.3 | 1.8 | |
| | 2-Jan-95 | 70 | 64 | <0.5 | <0.5 | 4 | |
| | 28-Jul-95 | <50 | 1.7 | <0.5 | <0.5 | <0.5 | |
| | S-17 | 3-May-89 | <50 | <0.5 | <1 | <1 | <3 |
| | | 10-Aug-89 | <50 | <0.5 | <1 | <1 | <3 |
| 9-Oct-89 | | <50 | <0.5 | <1 | <1 | <3 | |
| 25-Jan-90 | | <50 | <0.5 | <0.5 | <0.5 | <1 | |
| 18-Apr-90 | | <50 | <0.5 | <0.5 | <0.5 | <1 | |
| 23-Jul-90 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 18-Oct-90 | | 390 | 10 | 62 | 22 | 110 | |
| 28-Jan-91 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 25-Apr-91 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 9-Jul-91 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 8-Oct-91 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 28-Apr-92 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 26-Oct-92 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 13-Jan-93 | | NR | NR | NR | NR | NR | |
| 16-Apr-93 | | 130 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 23-Jul-93 | | NR | NR | NR | NR | NR | |
| 27-Oct-93 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 27-Jan-94 | | NR | NR | NR | NR | NR | |
| 5-May-94 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008

| SAMPLE POINT | SAMPLE DATE | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|-------------|---------------|---------------|--------------------|---------------|
| S-17 (CONT.) | 26-Jul-94 | NR | NR | NR | NR | NR |
| | 28-Oct-94 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | NR | NR | NR | NR | NR |
| S-18 | 31-May-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9-Jul-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 16-Apr-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Oct-93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | <50 | 1.9 | <0.5 | <0.5 | <0.5 |
| | 5-May-94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | <500 | <3 | 1.1 | <0.3 | 1.8 |
| | 28-Oct-94 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Jul-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| SR-1 | 22-Mar-89 | 5400 | 1100 | 230 | 350 | 1300 |
| | 25-Jan-90 | 2200 | 470 | 120 | 110 | 510 |
| | 18-Apr-90 | 1000 | 130 | 47 | 47 | 220 |
| | 23-Jul-90 | 3200 | 470 | 320 | 170 | 870 |
| | 18-Oct-90 | 1300 | 280 | 6.6 | 110 | 130 |
| | 28-Jan-91 | 110 | 120 | 12 | 51 | 110 |
| | 9-Jul-91 | 1400 | 200 | 27 | 130 | 340 |
| | 8-Oct-91 | 980 | 79 | 1.5 | 44 | 52 |
| | 5-Feb-91 | 3800 | 580 | 36 | 320 | 400 |
| | 28-Apr-92 | 38000 | 1800 | 460 | 1900 | 750 |
| | 27-Jul-92 | FP | FP | FP | FP | FP |
| | 26-Oct-92 | 1800 | 370 | 10 | 130 | 130 |
| | 13-Jan-93 | 47000 | 1000 | 1100 | 1700 | 13000 |
| | 16-Apr-93 | 25000 | 1700 | 430 | 2400 | 8300 |
| | 23-Jul-93 | 33000 | 2400 | 2000 | 3800 | 14000 |
| | 27-Oct-93 | 2300 | 340 | <12.5 | 270 | 440 |
| | 27-Jan-94 | 36000 | 2000 | 1700 | 3000 | 11000 |
| 5-May-94 | 43000 | 1500 | 130 | 2900 | 12000 | |
| 26-Jul-94 | 13600 | 682.7 | 39.2 | 996.6 | 2516 | |
| 28-Oct-94 | 8462 | 301.5 | 29.3 | 384.7 | 2019 | |
| 2-Jan-95 | 13000 | 400 | 120 | 2500 | 10000 | |
| 14-Apr-95 | 43000 | 690 | 370 | 2500 | 12000 | |
| 28-Jul-95 | 35000 | 760 | 120 | 2300 | 8100 | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

**FORMER SHELL SERVICE STATION
15275 WASHINGTON
SAN LEANDRO, CALIFORNIA
WIC #204-6852-1008**

Abbreviations:

TPH-G = Total petroleum hydrocarbons as gasoline by Modified EPA Method 8015

PPB = Parts per billion

<x = Not detected at detection limit of x

NA = Not analyzed; well inaccessible.

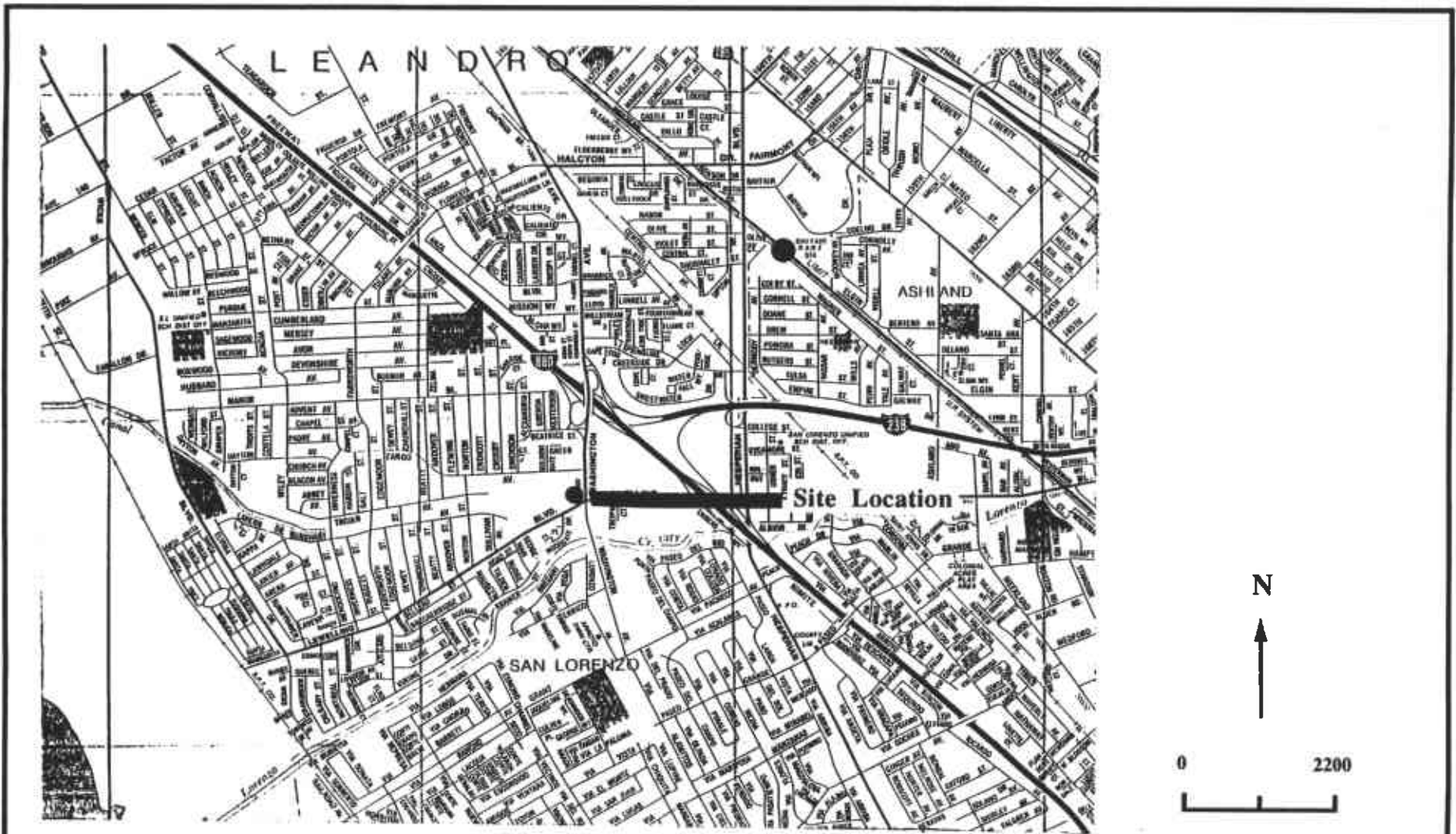
NR = Not required.

Notes:

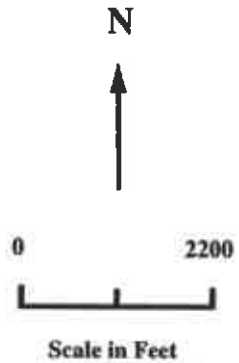
Benzene, Toluene, Ethylbenzene, Xylenes analyzed by EPA Method 8020

* = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.

** = The concentration reported as gasoline is primarily due to the presence of a discrete peak not indicative of gasoline.



Note: Vicinity Map taken from California State Automobile Association Map.



| | |
|------------------------------|---|
| PLATE 1 | SITE VICINITY MAP Shell Oil Company 15275 Washington Avenue San Leandro, California |
|------------------------------|---|

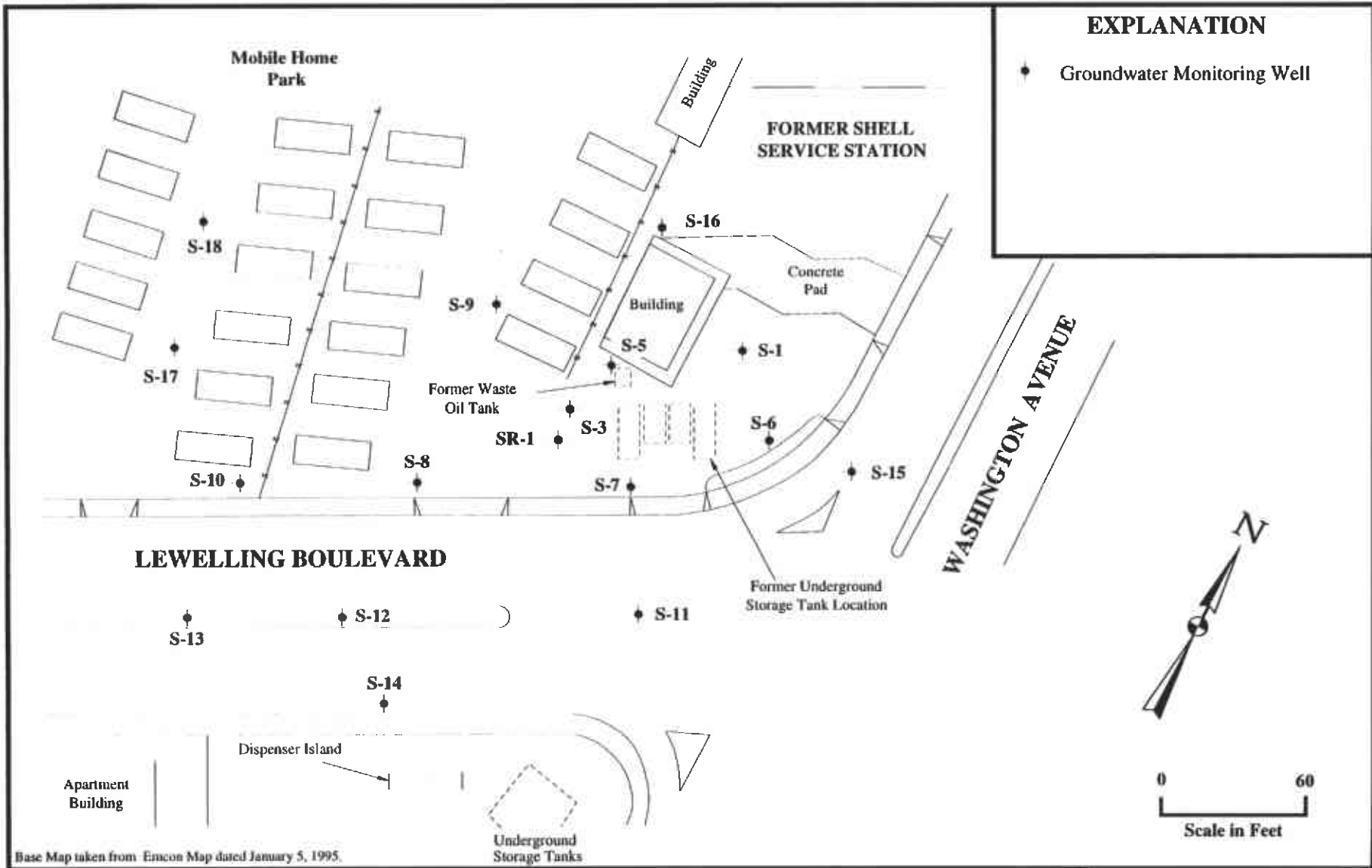
enviros[®]
 95276.01

| | |
|---------------|---------------|
| Drawn By: JLP | Date: 3-23-95 |
|---------------|---------------|

| | |
|-------------------------|----------------------|
| Approved By: <i>JLV</i> | Date: <i>9/13/95</i> |
|-------------------------|----------------------|

EXPLANATION

◆ Groundwater Monitoring Well



Base Map taken from Emcon Map dated January 5, 1995.

PLATE
2

SITE PLAN
Shell Oil Company
15275 Washington Avenue
San Leandro, California

enviros
95276

Drawn By: JLP Date: 4-3-95

Approved By: *[Signature]* Date: *9/13/95*

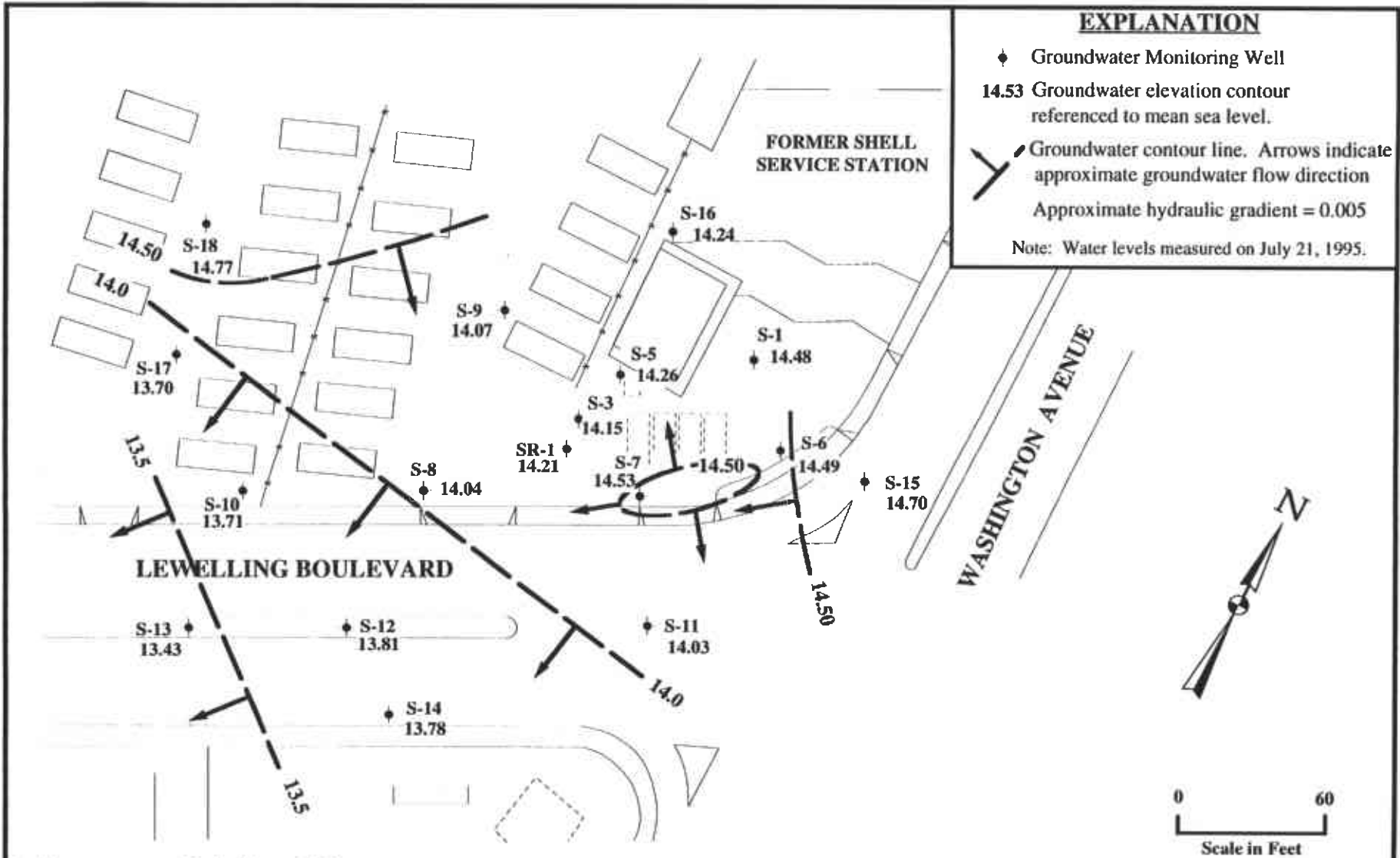


PLATE 3 **GROUNDWATER CONTOUR MAP**
 Shell Oil Company
 15275 Washington Avenue
 San Leandro, California

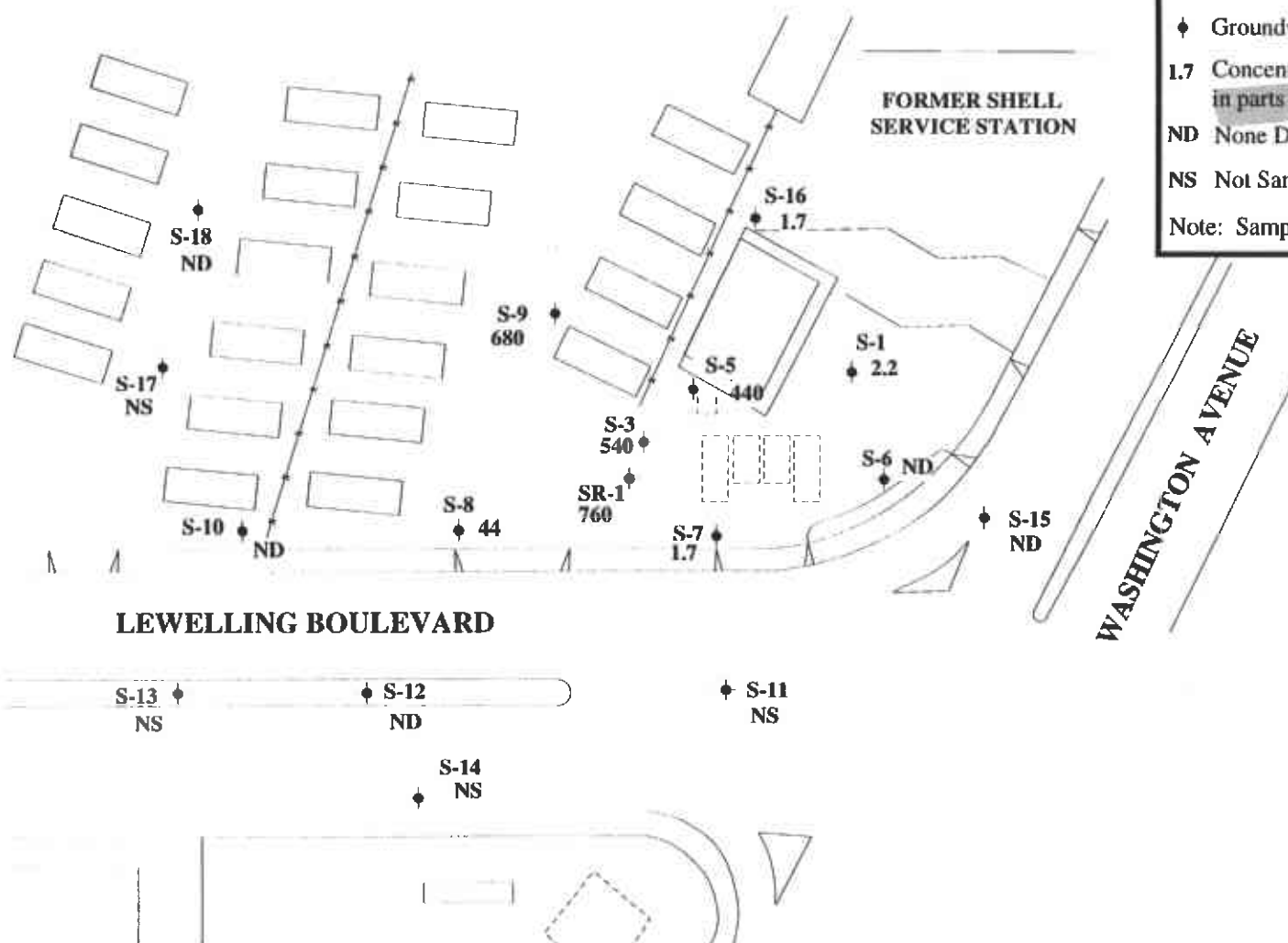
enviros
 95276

Drawn By: GLV Date: 8-31-95

Approved By: *GLV* Date: *9/13/95*

EXPLANATION

- ◆ Groundwater Monitoring Well
- 1.7 Concentration of benzene in groundwater in parts per billion.
- ND None Detected
- NS Not Sampled
- Note: Samples collected on July 28, 1995.



Base Map taken from Emcon Map dated January 5, 1995.

PLATE
4

BENZENE CONCENTRATION MAP
Shell Oil Company
15275 Washington Avenue
San Leandro, California

enviros
95276

Drawn By: GLV

Date: 8-31-95

Approved By: *[Signature]*

Date: *9/13/95*

Appendix A

**BLAINE TECH SERVICES INC.
Quarterly Groundwater Sampling Report**

Chain-of-Custody Record

**National Environmental Testing, Inc.
Certified Chemical Analytical Report**

BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95128
(408) 995-5533
FAX (408) 293-8770

RECEIVED
AUG 24 1995

August 21, 1995

Shell Oil Company
P.O. Box 4023
Concord, CA 94524

Attn: Lynn Walker

SITE:
Shell WIC #204-6852-1008
15275 Washington
San Leandro, California

QUARTER:
3rd quarter of 1995

QUARTERLY GROUNDWATER SAMPLING REPORT 950728-G-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 site 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 National Environmental Testing, Inc. in Santa Rosa, California. NET is a California Department of Health Services certified Hazardous Materials Testing Laboratory and is listed as DOHS HMTL #1386.

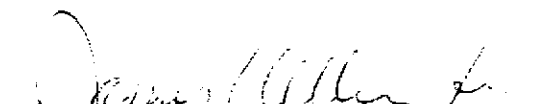
Objective Information Collection

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: Enviro, Inc.
19411 Riverside Dr.
P.O. Box 259
Sonoma, CA 95476-0259
ATTN: Diane Lundquist

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) |
|-----------|----------------------|---------------------------|-------------------------------------|---|--|---------------------------------------|--------------------------|--------------------------------|
| S-1 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.79 | 19.88 |
| S-3 | 7/28/95 | TOC | ODOR | NONE | -- | -- | 6.33 | 15.80 |
| S-5 * | 7/28/95 | TOC | -- | NONE | -- | -- | 6.77 | 18.00 |
| S-6 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.91 | 24.18 |
| S-7 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.32 | 23.94 |
| S-8 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.28 | 23.98 |
| S-9 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.61 | 17.70 |
| S-10 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.44 | 17.81 |
| S-11 | 7/28/95 | TOC | -- | NONE | -- | -- | 7.21 | 23.02 |
| S-12 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.90 | 23.63 |
| S-13 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.73 | 23.21 |
| S-14 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.21 | 22.70 |
| S-15 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.72 | 22.51 |
| S-16 | 7/28/95 | TOC | -- | NONE | -- | -- | 7.00 | 23.60 |
| S-17 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.75 | 23.78 |
| S-18 | 7/28/95 | TOC | -- | NONE | -- | -- | 5.80 | 17.71 |
| SR-1 | 7/28/95 | TOC | -- | NONE | -- | -- | 6.36 | 20.80 |

* Sample DUP was a duplicate sample taken from well S-5.



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 950728-61

11/24/95
Date: 7-28
Page 1 of 2

Site Address: 15275 Washington, San Leandro
WIC#: 204-6852-1008
Shell Engineer: Lynn Walker Phone No.: (510) 675-6170
675-6170
Fax #: 675-6170
Consultant Name & Address: Blaine Tech Services, Inc.
985 Timothy Drive, San Jose, CA 95133
Consultant Contact: Jim Keller Phone No.: (408) 995-5535
995-5535
Fax #: 293-8773

Analysis Required

LAB: NET

| | | |
|---|-------|--|
| CHECK ONE (1) BOX ONLY | C1/D1 | TURN AROUND TIME |
| Quarterly Monitoring <input checked="" type="checkbox"/> 6441 | | 24 hours <input type="checkbox"/> |
| Site Investigation <input type="checkbox"/> 6441 | | 48 hours <input type="checkbox"/> |
| Soil Classfy/Disposal <input type="checkbox"/> 6442 | | 15 days <input checked="" type="checkbox"/> (Normal) |
| Water Classfy/Disposal <input type="checkbox"/> 6443 | | Other <input type="checkbox"/> |
| Soil/Air Rem. or Sys. O & M <input type="checkbox"/> 6462 | | |
| Water Rem. or Sys. O & M <input type="checkbox"/> 6463 | | |
| Other <input type="checkbox"/> | | |

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

Comments:
Sampled by: [Signature]
Printed Name: GRANTMOHR

| Sample ID | Date | Sludge | Soil | Water | Air | No. of conls. | 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 |
|-----------|------|--------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|----------------------|----------------------------|
| | | | | | | | | | | | | | | | | | | |
| S3 | | | | X | | 3 | | | | | | | | | | | | |
| S5 | | | | X | | 3 | | | | | | | | | | | | |
| S7 | | | | X | | 3 | | | | | | | | | | | | |
| S8 | | | | X | | 3 | | | | | | | | | | | | |
| S9 | | | | X | | 3 | | | | | | | | | | | | |
| S10 | | | | X | | 3 | | | | | | | | | | | | |
| S12 | | | | X | | 3 | | | | | | | | | | | | |

| | | | | | | | |
|---|------------------------------------|----------------------|-------------------|--|------------------------------------|----------------------|-------------------|
| Relinquished By (signature): <u>[Signature]</u> | Printed Name: <u>GRANTMOHR</u> | Date: <u>7-31-95</u> | Time: <u>1300</u> | Received (signature): <u>[Signature]</u> | Printed Name: <u>FLOYD FREEMAN</u> | Date: <u>7-31-95</u> | Time: <u>1300</u> |
| Relinquished By (signature): <u>[Signature]</u> | Printed Name: <u>FLOYD FREEMAN</u> | Date: <u>7-31-95</u> | Time: <u>1445</u> | Received (signature): <u>[Signature]</u> | Printed Name: <u>PAM GREENE</u> | Date: <u>7-31-95</u> | Time: <u>1445</u> |
| Relinquished By (signature): <u>[Signature]</u> | Printed Name: <u>PAM GREENE</u> | Date: <u>7-31-95</u> | Time: <u>1545</u> | Received (signature): <u>[Signature]</u> | Printed Name: <u>PAM GREENE</u> | Date: <u>7-31-95</u> | Time: <u>1545</u> |

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



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 950720-G1

Date: 7-20

Page 2 of 2

Site Address: 15275 Washington, San Leandro

WIC#: 204-6852-1008

Shell Engineer: Lynn Walker Phone No.: (510) 675-6170
 Fax #: 675-6170

Consultant Name & Address: Blaine Tech Services, Inc.
985 Timothy Drive, San Jose, CA 95133

Consultant Contact: Jim Keller Phone No.: (408) 995-5535
 Fax #: 293-8773

Comments:

Sampled by: [Signature]

Printed Name: GRANT MOHR

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: NET

| CHECK ONE (1) BOX ONLY | CI/DI | TURN AROUND TIME |
|--|-------|--|
| Quarterly Monitoring <input checked="" type="checkbox"/> | 6461 | 24 hours <input type="checkbox"/> |
| Site Investigation <input type="checkbox"/> | 6441 | 48 hours <input type="checkbox"/> |
| Soil Classfy/Disposal <input type="checkbox"/> | 6442 | 16 days <input checked="" type="checkbox"/> (Normal) |
| Water Classfy/Disposal <input type="checkbox"/> | 6443 | Other <input type="checkbox"/> |
| Soil/Air Rem. or Sys. O & M <input type="checkbox"/> | 6462 | |
| Water Rem. or Sys. O & M <input type="checkbox"/> | 6463 | |
| Other <input type="checkbox"/> | | |

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

| Sample ID | Date | Sludge | Soil | Water | Air | No. of conls. | MATERIAL DESCRIPTION | | SAMPLE CONDITION/ COMMENTS | | | | | | | | | | |
|-----------|------|--------|------|-------|-----|---------------|-------------------------|----------------------------|----------------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|--|--|--|
| | | | | | | | 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 | | | |
| S15 | 7/20 | | | X | | 3 | | | | | | | | | | | | | |
| S16 | | | | X | | 3 | | | | | | | | | | | | | |
| S18 | | | | X | | 3 | | | | | | | | | | | | | |
| SR1 | | | | X | | 3 | | | | | | | | | | | | | |
| EB | | | | X | | 3 | | | | | | | | | | | | | |
| DUP | | | | X | | 3 | | | | | | | | | | | | | |
| TB | | | | X | | 2 | | | | | | | | | | | | | |

| | | | | | | | |
|---|------------------------------------|----------------------|-------------------|--|------------------------------------|----------------------|-------------------|
| Relinquished By (Signature): <u>[Signature]</u> | Printed Name: <u>GRANT MOHR</u> | Date: <u>7-31-95</u> | Time: <u>1300</u> | Received (Signature): <u>[Signature]</u> | Printed Name: <u>FLOVE FREEMAN</u> | Date: <u>7-31-95</u> | Time: <u>1300</u> |
| Relinquished By (Signature): <u>[Signature]</u> | Printed Name: <u>FLOVE FREEMAN</u> | Date: <u>7-31-95</u> | Time: <u>NET</u> | Received (Signature): <u>[Signature]</u> | Printed Name: <u>PAM GREENE</u> | Date: <u>7-31-95</u> | Time: <u>1445</u> |
| Relinquished By (Signature): <u>[Signature]</u> | Printed Name: <u>PAM GREENE</u> | Date: <u>7-31-95</u> | Time: <u>1545</u> | Received (Signature): <u>[Signature]</u> | Printed Name: <u>PAM GREENE</u> | Date: <u>7-31-95</u> | Time: <u>1615</u> |

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



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Santa Rosa Division
3636 North Laughlin Road
Suite 110
Santa Rosa, CA 95403-8226
Tel: (707) 526-7200
Fax: (707) 541-2333

Jim Keller
Blaine Tech Services
985 Timothy Dr.
San Jose, CA 95133

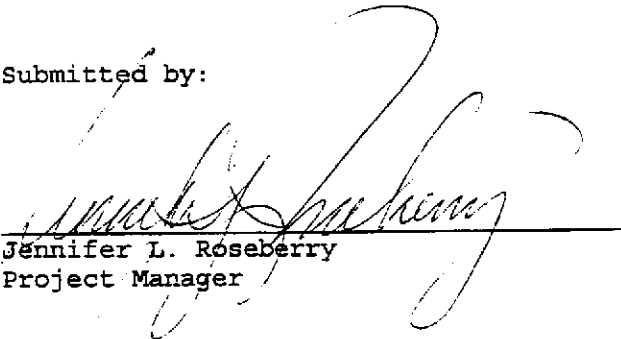
Date: 08/10/1995
NET Client Acct. No: 1821
NET Job No: 95.03005
Received: 07/31/1995

Client Reference Information

Shell 15275 Washington, San Leandro, CA/950728-G1

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel free to call me at (707) 541-2305.

Submitted by:



Jennifer L. Roseberry
Project Manager

Enclosure (s)





Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.03005

Date: 08/10/1995
ELAP Cert: 1386
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S1

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247358

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/04/1995 | 3062 |
| Purgeable TPH | 60 | | 50 | ug/L | 5030/MB015 | | 08/04/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/04/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/04/1995 | 3062 |
| Benzene | 2.2 | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Ethylbenzene | 1.3 | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Xylenes (Total) | 1.2 | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | 08/04/1995 | 3062 |
| Bromofluorobenzene (SURR) | 93 | | | % Rec. | 8020 | | 08/04/1995 | 3062 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.03005

Date: 08/10/1995
ELAP Cert: 1386
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S3

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247359

| Parameter | Results | Flags | Reporting Limit | Units | Method | Date Extracted | Date Analyzed | Run Batch No. |
|----------------------------|---------|-------|-----------------|--------|------------|----------------|---------------|---------------|
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 20 | | | | | | 08/07/1995 | 3068 |
| Purgeable TPH | 12,000 | | 1,000 | ug/L | 5030/M8015 | | 08/07/1995 | 3068 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/07/1995 | 3068 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/07/1995 | 3068 |
| Benzene | 540 | | 10 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Toluene | ND | | 10 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Ethylbenzene | 580 | | 10 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Xylenes (Total) | 780 | | 10 | ug/L | 8020 | | 08/07/1995 | 3068 |
| SURROGATE RESULTS | -- | | | | | | 08/07/1995 | 3068 |
| Bromofluorobenzene (SURR) | 112 | | | µ Rec. | 8020 | | 08/07/1995 | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.03005

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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S5

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247360

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-----------|
| | | | Limit | Units | | Extracted | Analyzed | Batch No. |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 100 | | | | | | 08/07/1995 | 3068 |
| Purgeable TPH | 25,000 | | 5,000 | ug/L | 5030/M8015 | | 08/07/1995 | 3068 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/07/1995 | 3068 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/07/1995 | 3068 |
| Benzene | 440 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Toluene | 74 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Ethylbenzene | 1,700 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Xylenes (Total) | 4,500 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| SURROGATE RESULTS | -- | | | | | | | |
| Bromofluorobenzene (SURR) | 100 | | | * Rec. | 8020 | | 08/07/1995 | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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Client Acct: 1821
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S7

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247361

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/04/1995 | 3062 |
| Purgeable TPH | 170 | | 50 | ug/L | 5030/M8015 | | 08/04/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/04/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/04/1995 | 3062 |
| Benzene | 1.7 | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Xylenes (Total) | 2.2 | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | | |
| Bromofluorobenzene (SURR) | 94 | | | µ Rec. | 8020 | | 08/04/1995 | 3062 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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Client Acct: 1821
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S8

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247362

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/04/1995 | 3062 |
| Purgeable TPH | 290 | | 50 | ug/L | 5030/M8015 | | 08/04/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/04/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/04/1995 | 3062 |
| Benzene | 44 | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Ethylbenzene | 8.0 | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | 08/04/1995 | 3062 |
| Bromofluorobenzene (SURR) | 96 | | | % Rec. | 8020 | | 08/04/1995 | 3062 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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Client Acct: 1821
NET Job No: 95.03005

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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S9
Date Taken: 07/28/1995
Time Taken:
NET Sample No: 247363

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 20 | | | | | | 08/04/1995 | 3062 |
| Purgeable TPH | 4,600 | | 1,000 | ug/L | 5030/M8015 | | 08/04/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/04/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/04/1995 | 3062 |
| Benzene | 680 | | 10 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Toluene | ND | | 10 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Ethylbenzene | 120 | | 10 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Xylenes (Total) | 47 | | 10 | ug/L | 8020 | | 08/04/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | 08/04/1995 | 3062 |
| Bromofluorobenzene (SURR) | 95 | | | % Rec. | 8020 | | 08/04/1995 | 3062 |

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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S10
Date Taken: 07/28/1995
Time Taken:
NET Sample No: 247364

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| No. | | | | | | | | |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/04/1995 | 3062 |
| Purgeable TPH | ND | | 50 | ug/L | 5030/M8015 | | 08/04/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/04/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/04/1995 | 3062 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | 08/04/1995 | 3062 |
| Bromofluorobenzene (SURR) | 86 | | | % Rec. | 8020 | | 08/04/1995 | 3062 |

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SAMPLE DESCRIPTION: S12
Date Taken: 07/28/1995
Time Taken:
NET Sample No: 247365

| Parameter | Results | Flags | Reporting Limit | Units | Method | Date Extracted | Date Analyzed | Run Batch No. |
|----------------------------|---------|-------|-----------------|--------|------------|----------------|---------------|---------------|
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/07/1995 | 3068 |
| Purgeable TPH | ND | | 50 | ug/L | 5030/M8015 | | 08/07/1995 | 3068 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/07/1995 | 3068 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/07/1995 | 3068 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| SURROGATE RESULTS | -- | | | | | | 08/07/1995 | 3068 |
| Bromofluorobenzene (SURR) | 79 | | | % Rec. | 8020 | | 08/07/1995 | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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Client Acct: 1821
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SAMPLE DESCRIPTION: S15
Date Taken: 07/28/1995
Time Taken:
NET Sample No: 247366

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-----------|
| | | | Limit | Units | | Extracted | Analyzed | Batch No. |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/05/1995 | 3062 |
| Purgeable TPH | ND | | 50 | ug/L | 5030/M9015 | | 08/05/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/05/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/05/1995 | 3062 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | 08/05/1995 | 3062 |
| Bromofluorobenzene (SURRE) | 84 | | | % Rec. | 8020 | | 08/05/1995 | 3062 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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Client Acct: 1821
NET Job No: 95.03005

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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S16

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247367

| Parameter | Results | Flags | Reporting | | Units | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|--------|------------|----------|-------|
| | | | Limit | | | | Extracted | Analyzed | Batch |
| | | | | | | | | No. | |
| METHOD 5030/8015-M (Shell) | | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/05/1995 | 3062 | |
| Purgeable TPH | ND | | 50 | ug/L | 5030/M8015 | | 08/05/1995 | 3062 | |
| Carbon Range: C6 to C12 | -- | | | | | | 08/05/1995 | 3062 | |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/05/1995 | 3062 | |
| Benzene | 1.7 | C | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 | |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 | |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 | |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 | |
| SURROGATE RESULTS | -- | | | | | | 08/05/1995 | 3062 | |
| Bromofluorobenzene (SURR) | 82 | | | µ Rec. | 8020 | | 08/05/1995 | 3062 | |

C : Positive result confirmed by secondary column or GC/MS analysis.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.03005

Date: 08/10/1995
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: S18

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247368

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/05/1995 | 3062 |
| Purgeable TPH | ND | | 50 | ug/L | 5030/M8015 | | 08/05/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/05/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/05/1995 | 3062 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/05/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | 08/05/1995 | 3062 |
| Bromofluorobenzene (SURR) | 84 | | | % Rec. | 8020 | | 08/05/1995 | 3062 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Elaine Tech Services
Client Acct: 1821
NET Job No: 95.03005

Date: 06/10/1995
ELAP Cert: 1386
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: SR1

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247369

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| No. | | | | | | | | |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 100 | | | | | | 08/07/1995 | 3068 |
| Purgeable TPH | 35,000 | | 5,000 | ug/L | 5030/M8015 | | 08/07/1995 | 3068 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/07/1995 | 3068 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/07/1995 | 3068 |
| Benzene | 760 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Toluene | 120 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Ethylbenzene | 2,300 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Xylenes (Total) | 8,100 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| SURROGATE RESULTS | -- | | | | | | 08/07/1995 | 3068 |
| Bromofluorobenzene (SURR) | 103 | | | % Rec. | 8020 | | 08/07/1995 | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
 Client Acct: 1821
 NET Job No: 95.03005

Date: 08/10/1995
 ELAP Cert: 1386
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: EB
 Date Taken: 07/28/1995
 Time Taken:
 NET Sample No: 247370

| Parameter | Results | Flags | Reporting Limit | Units | Method | Date Extracted | Date Analyzed | Run Batch No. |
|----------------------------|---------|-------|-----------------|--------|------------|----------------|---------------|---------------|
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/07/1995 | 3068 |
| Purgeable TPH | ND | | 50 | ug/L | 5030/M8015 | | 08/07/1995 | 3068 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/07/1995 | 3068 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/07/1995 | 3068 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/07/1995 | 3068 |
| SURROGATE RESULTS | -- | | | | | | 08/07/1995 | 3068 |
| Bromofluorobenzene (SURRE) | 96 | | | % Rec. | 8020 | | 08/07/1995 | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Elaine Tech Services
Client Acct: 1021
NET Job No: 95.03005

Date: 08/10/1995
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Ref: Shell 15275 Washington, San Leandro, CA/950728-G1

SAMPLE DESCRIPTION: DUP

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247371

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| No. | | | | | | | | |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 100 | | | | | | 08/07/1995 | 3068 |
| Purgeable TPH | 25,000 | | 5,000 | ug/L | 5030/M8015 | | 08/07/1995 | 3068 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/07/1995 | 3068 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/07/1995 | 3068 |
| Benzene | 450 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Toluene | ND | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Ethylbenzene | 1,700 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| Xylenes (Total) | 4,600 | | 50 | ug/L | 8020 | | 08/07/1995 | 3068 |
| SURROGATE RESULTS | -- | | | | | | 08/07/1995 | 3068 |
| Bromofluorobenzene (SURR) | 99 | | | % Rec. | 8020 | | 08/07/1995 | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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Client Acct: 1821
NET Job No: 95.03005

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SAMPLE DESCRIPTION: TB

Date Taken: 07/28/1995

Time Taken:

NET Sample No: 247372

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|----------------------------|---------|-------|-----------|--------|------------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| METHOD 5030/8015-M (Shell) | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 08/04/1995 | 3062 |
| Purgeable TPH | ND | | 50 | ug/L | 5030/M8015 | | 08/04/1995 | 3062 |
| Carbon Range: C6 to C12 | -- | | | | | | 08/04/1995 | 3062 |
| METHOD 8020 (GC, Liquid) | -- | | | | | | 08/04/1995 | 3062 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 08/04/1995 | 3062 |
| SURROGATE RESULTS | -- | | | | | | 08/04/1995 | 3062 |
| Bromofluorobenzene (SURR) | 83 | | | % Rec. | 8020 | | 08/04/1995 | 3062 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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Client Acct: 1821
NET Job No: 95.03005

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CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

| Parameter | CCV Standard % Recovery | CCV Standard Amount Found | CCV Standard Amount Expected | Units | Date Analyzed | Analyst Initials | Run Batch Number |
|----------------------------|-------------------------------|------------------------------------|---------------------------------------|--------|------------------|---------------------|------------------------|
| METHOD 5030/8015-M (Shell) | | | | | | | |
| Purgeable TPH | 98.0 | 0.49 | 0.50 | mg/L | 08/04/1995 | aal | 3062 |
| Benzene | 93.6 | 4.68 | 5.00 | ug/L | 08/04/1995 | aal | 3062 |
| Toluene | 90.6 | 4.53 | 5.00 | ug/L | 08/04/1995 | aal | 3062 |
| Ethylbenzene | 85.6 | 4.28 | 5.00 | ug/L | 08/04/1995 | aal | 3062 |
| Xylenes (Total) | 90.0 | 13.5 | 15.0 | ug/L | 08/04/1995 | aal | 3062 |
| Bromofluorobenzene (SURR) | 87.0 | 87 | 100 | % Rec. | 08/04/1995 | aal | 3062 |
| METHOD 5030/8015-M (Shell) | | | | | | | |
| Purgeable TPH | 102.0 | 0.51 | 0.50 | mg/L | 08/07/1995 | dld | 3068 |
| Benzene | 95.2 | 4.76 | 5.00 | ug/L | 08/07/1995 | dld | 3068 |
| Toluene | 88.2 | 4.41 | 5.00 | ug/L | 08/07/1995 | dld | 3068 |
| Ethylbenzene | 86.8 | 4.34 | 5.00 | ug/L | 08/07/1995 | dld | 3068 |
| Xylenes (Total) | 90.7 | 13.6 | 15.0 | ug/L | 08/07/1995 | dld | 3068 |
| Bromofluorobenzene (SURR) | 87.0 | 87 | 100 | % Rec. | 08/07/1995 | dld | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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METHOD BLANK REPORT

| Parameter | Method | | | Date | Analyst | Run |
|----------------------------|--------|-----------|--------|------------|----------|--------|
| | Blank | Reporting | Units | | | |
| | Amount | Limit | | Analyzed | Initials | Batch |
| | Found | | | | | Number |
| METHOD 5030/8015-M (Shell) | | | | | | |
| Purgeable TPH | ND | 0.05 | mg/L | 08/04/1995 | aal | 3062 |
| Benzene | ND | 0.5 | ug/L | 08/04/1995 | aal | 3062 |
| Toluene | ND | 0.5 | ug/L | 08/04/1995 | aal | 3062 |
| Ethylbenzene | ND | 0.5 | ug/L | 08/04/1995 | aal | 3062 |
| Xylenes (Total) | ND | 0.5 | ug/L | 08/04/1995 | aal | 3062 |
| Bromofluorobenzene (SURR) | 84 | | % Rec. | 08/04/1995 | aal | 3062 |
| METHOD 5030/8015-M (Shell) | | | | | | |
| Purgeable TPH | ND | 0.05 | mg/L | 08/07/1995 | dld | 3068 |
| Benzene | ND | 0.5 | ug/L | 08/07/1995 | dld | 3068 |
| Toluene | ND | 0.5 | ug/L | 08/07/1995 | dld | 3068 |
| Ethylbenzene | ND | 0.5 | ug/L | 08/07/1995 | dld | 3068 |
| Xylenes (Total) | ND | 0.5 | ug/L | 08/07/1995 | dld | 3068 |
| Bromofluorobenzene (SURR) | 89 | | % Rec. | 08/07/1995 | dld | 3068 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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MATRIX SPIKE / MATRIX SPIKE DUPLICATE

| Parameter | Matrix Spike | | | | Sample Conc. | Matrix Spike | | | Date Analyzed | Run Batch | Sample Spiked |
|----------------------------|--------------|------------|------|--------------|--------------|--------------|------------|-------|---------------|-----------|---------------|
| | Spike % Rec. | Dup % Rec. | RPD | Spike Amount | | Spike Conc. | Dup. Conc. | Units | | | |
| METHOD 5030/8015-M (Shell) | | | | | | | | | | | 247372 |
| Purgeable TPH | 96.0 | 86.0 | 11.0 | 0.5 | ND | 0.48 | 0.43 | mg/L | 08/04/1995 | 3062 | 247372 |
| Benzene | 103.9 | 95.5 | 8.3 | 6.49 | ND | 6.74 | 6.20 | ug/L | 08/04/1995 | 3062 | 247372 |
| Toluene | 108.6 | 95.5 | 12.7 | 24.3 | ND | 26.4 | 23.2 | ug/L | 08/04/1995 | 3062 | 247372 |
| METHOD 5030/8015-M (Shell) | | | | | | | | | | | 247365 |
| Purgeable TPH | 86.0 | 88.0 | 2.3 | 0.5 | ND | 0.43 | 0.44 | mg/L | 08/07/1995 | 3068 | 247365 |
| Benzene | 83.6 | 93.2 | 10.9 | 7.3 | ND | 6.1 | 6.8 | ug/L | 08/07/1995 | 3068 | 247365 |
| Toluene | 92.5 | 102.4 | 10.1 | 25.2 | ND | 23.3 | 25.8 | ug/L | 08/07/1995 | 3068 | 247365 |

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
- ICVS : Initial Calibration Verification Standard (External Standard).
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \text{ [Value 1 - Value 2] / mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

COOLER RECEIPT FORM

Project: 950728-G1 Log No: 72-
Cooler received on: and checked on by
(signature)

- Were custody papers present?.....YES NO
 - Were custody papers properly filled out?.....YES NO
 - Were the custody papers signed?.....YES NO
 - Was sufficient ice used?.....YES NO
 - Did all bottles arrive in good condition (unbroken)?.....YES NO
 - Did bottle labels match COC?.....YES NO
 - Were proper bottles used for analysis indicated?.....YES NO
 - Correct preservatives used?.....YES NO
 - VOA vials checked for headspace bubbles?.....YES NO
- Note which voas (if any) had bubbles:*

| | |
|--------------------|------------------|
| Sample descriptor: | Number of vials: |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

*All VOAs with headspace bubbles have been set aside so they will not be used for analysis.....YES NO

List here all other jobs received in the same cooler:

| | |
|--------------|-----------|
| Client Job # | NET log # |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

(coolerrec)