

December 12, 1995

Mr. R. Jeff Granberry
Shell Oil Products Company
P.O. Box 4023
Concord, California 94524

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

Dear Mr. Granberry:

This Quarterly Monitoring Report describes the recently completed activities associated with groundwater monitoring and sampling at the referenced site (Plates 1 and 2). 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 fourth 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 October 17, 1995. Groundwater samples were collected from Wells S-1, S-5 through 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 southwest. The hydraulic gradient was calculated to be approximately 0.004.
- Analysis of groundwater samples indicated that TPH-G was present at levels ranging from ND to 18,000 ppb. Benzene concentrations ranged from ND to 360 ppb. A benzene concentration map is presented on Plate 4.

ENVIRONMENTAL
REGISTRATION
NOV 14 1995

Fourth Quarter Sampling

Monitoring Wells S-1, S-3, S-5 through 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) and methyl-tertiary-butyl ether (MTBE) 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 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. An addendum to this CAP was issued on November 29, 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, pending approval of the CAP and associated sampling reductions.

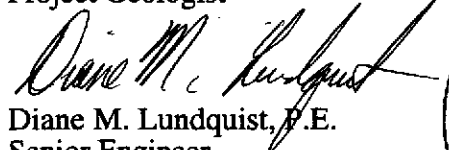
If you have any questions regarding the contents of this document, please call.

Sincerely,

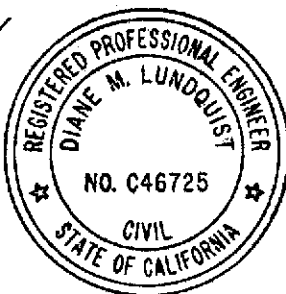
Enviros, Inc.



Joe Neely
Project Geologist



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. | MONI. 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 |
| | 17-Oct-95 | | | 7.04 | 0.00 | 14.23 |
| 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. | MONT. 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 | |
| | 17-Oct-95 | | | 6.48 | 0.00 | 14.00 | |
| 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 | |
| 17-Oct-95 | | | | 7.00 | 0.00 | 14.03 | |
| 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. | MON. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | |
|-----------|-----------|-------------------|------------------|----------------------|-------------------------|-------------------|-------|
| S-6 | 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 | |
| | 17-Oct-95 | | | 7.20 | 0.00 | 14.20 | |
| 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 |
| 17-Oct-95 | | | | 7.07 | 0.00 | 13.78 | |
| 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. | MON. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | |
|-----------|-----------|-------------------|------------------|----------------------|-------------------------|-------------------|-------|
| S-8 | 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 | |
| | 17-Oct-95 | | | 6.64 | 0.00 | 13.68 | |
| 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 |
| 17-Oct-95 | | | | 7.00 | 0.00 | 13.68 | |
| 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 | 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 | |
| | 17-Oct-95 | | | 6.85 | 0.00 | 13.30 | |
| 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 | |
| 17-Oct-95 | | | | 7.41 | 0.00 | 13.83 | |
| 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. | MONIT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) |
|----------|-------------|-------------------|------------------|----------------------|-------------------------|-------------------|
| | 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 |
| | 17-Oct-95 | | | 7.16 | 0.00 | 13.55 |
| 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 | 13.25 |
| | 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 |
| | 17-Oct-95 | | | 6.94 | 0.00 | 13.22 |
| 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. | MONI. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) |
|----------|------------|-------------------|------------------|----------------------|-------------------------|-------------------|
| | 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 |
| | 17-Oct-95 | | | 6.30 | 0.00 | 13.69 |
| 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 |
| | 17-Oct-95 | | | 7.04 | 0.00 | 14.38 |
| 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. | MONT. DATE | CASING DIA. (IN.) | WELL ELEV. (FT.) | DEPTH TO WATER (FT.) | PRODUCT THICKNESS (FT.) | WATER ELEV. (FT.) | |
|-----------|------------|-------------------|------------------|----------------------|-------------------------|-------------------|-------|
| S-18 | 28-Jul-95 | | | 5.80 | 0.00 | 14.77 | |
| | 17-Oct-95 | | | 7.22 | 0.00 | 13.35 | |
| 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 | |
| | 17-Oct-95 | | | 6.62 | 0.00 | 13.95 | |

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 | DEPTH TO WATER (FT.) | 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 | 7.93 | <50 | 0.7 | <1 | <1 | <0.3 |
| | 10-Oct-89 | 8.09 | <50 | <0.5 | <1 | <1 | <0.3 |
| | 25-Jan-90 | 7.73 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | 7.91 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | 7.72 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | 8.55 | 80 | 5 | <0.5 | <0.5 | 3 |
| | 28-Jan-91 | 8.52 | <50 | 4.5 | <0.5 | <0.5 | 2 |
| | 25-Apr-91 | 7.18 | 80* | 3.7 | <0.5 | 0.7 | 2 |
| | 9-Jul-91 | 8.22 | 200 | 16 | <0.5 | 1.3 | 5.8 |
| | 8-Oct-91 | 8.70 | <50 | 2.3 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | 8.14 | 160 | 8.9 | <0.5 | 2.1 | 6 |
| | 28-Apr-92 | 7.52 | <50 | 2.4 | <0.5 | <0.5 | 0.9 |
| | 27-Jul-92 | 8.28 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 8.74 | 57 | 3 | 1.6 | 1.4 | 1.7 |
| | 14-Jan-93 | 5.91 | 490 | 53 | 1.2 | 20 | 33 |
| | 16-Apr-93 | 6.66 | 240 | 20 | <0.5 | 15 | 240 |
| | 23-Jul-93 | 7.53 | <50 | 0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Oct-93 | 8.20 | 60 | 5.9 | <0.5 | 2.5 | 1.7 |
| | 27-Jan-94 | 7.26 | <50 | 2.1 | <0.5 | <0.5 | 0.63 |
| | 5-May-94 | 7.38 | 57 | 3.9 | <0.5 | 1.9 | 1.9 |
| | 26-Jul-94 | 7.86 | <50 | 2.2 | <0.3 | <0.3 | <0.6 |
| | 28-Oct-94 | 7.86 | <50 | 0.8 | <0.3 | <0.3 | 0.8 |
| | 2-Jan-95 | 6.85 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Jul-95 | 6.79 | 60 | 2.2 | <0.5 | 1.3 | 1.2 |
| | 17-Oct-95 | 7.04 | 60 | 2.6 | <0.5 | 1.2 | 1.3 |
| 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 | 7.92 | 110000 | 5700 | 5700 | 3200 | 19000 |
| | 10-Oct-89 | 8.00 | 52000 | 4600 | 3300 | 2600 | 15000 |
| | 25-Jan-90 | 7.54 | 420000 | 5200 | 4100 | 6700 | 34000 |
| | 18-Apr-90 | 7.74 | 58000 | 3800 | 1400 | 2400 | 12000 |
| | 23-Jul-90 | 7.55 | 49000 | 3400 | 1800 | 2300 | 12000 |
| | 18-Oct-90 | 8.47 | 44000 | 3500 | 650 | 2400 | 11000 |
| | 28-Jan-91 | 8.38 | 64000 | 40900 | 570 | 1940 | 8090 |
| | 25-Apr-91 | 6.91 | 120000 | 3900 | 3600 | 2400 | 8900 |
| | 9-Jul-91 | 8.07 | 50000 | 3600 | 2300 | 1800 | 10000 |
| | 8-Oct-91 | 8.61 | 130000 | 3600 | 1000 | 2800 | 8400 |
| | 5-Feb-92 | 7.80 | 150000 | 2500 | 670 | 2700 | 10000 |
| | 28-Apr-92 | 7.27 | 120000 | 2200 | 1200 | 2000 | 5800 |
| | 27-Jul-92 | 8.10 | 190000 | 1400 | <1250 | <1250 | 3400 |
| 26-Oct-92 | 8.62 | 950000 | 2000 | 8400 | 16000 | 36000 | |
| 14-Jan-93 | 5.16 | 41000 | 2700 | 2500 | 1800 | 6900 | |

TABLE 2
HISTORICAL GROUNDWATER QUALITY DATABASE

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

| SAMPLE POINT | SAMPLE DATE | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) | |
|--------------|-------------|----------------------|---------------------------------|---------------|---------------|--------------------|---------------|--|
| S-3 (CONT) | 16-Apr-93 | 7.18 | 40000 | 930 | 2800 | 1900 | 14000 | |
| | 23-Jul-93 | 7.34 | 87000 | 1800 | <5 | 1300 | 4000 | |
| | 27-Oct-93 | 8.03 | 36000 | 2200 | <500 | 1500 | 3200 | |
| | 27-Jan-94 | 6.79 | 190000 | 3200 | 3100 | 4100 | 15000 | |
| | 5-May-94 | 6.75 | 36000 | 1100 | 490 | 1600 | 4700 | |
| | 26-Jul-94 | 7.30 | 18000 | 1039 | 170.5 | 845.4 | 967.5 | |
| | 28-Oct-94 | 8.36 | 25869 | 467.9 | 294 | 546.2 | 343.3 | |
| | 2-Jan-95 | 6.36 | 23000 | 850 | 260 | 900 | 2100 | |
| | 14-Apr-95 | 5.87 | 33000 | 720 | 670 | 1600 | 6600 | |
| | 28-Jul-95 | 6.33 | 12000 | 540 | <10 | 580 | 780 | |
| | 17-Oct-95 | 6.48 | Not Sampled - Well Inaccessible | | | | | |
| S-5 | 8-Jan-87 | | 7800 | 380 | 510 | NR | 1000 | |
| | 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 | 8.32 | 15000 | 3300 | 160 | 830 | 2200 | |
| | 25-Jan-90 | 8.20 | 12000 | 2400 | 360 | 570 | 1400 | |
| | 18-Apr-90 | 8.32 | 5200 | 1100 | 40 | 300 | 460 | |
| | 23-Jul-90 | 8.03 | 5500 | 1300 | 140 | 320 | 730 | |
| | 18-Oct-90 | 9.03 | 12000 | 3200 | 40 | 720 | 900 | |
| | 28-Jan-91 | 8.80 | 2550 | 410 | 15 | 110 | 60 | |
| | 25-Apr-91 | 7.40 | 67000 | 5100 | 3100 | 2800 | 11000 | |
| | 9-Jul-91 | 8.52 | 4900 | 480 | 36 | 360 | 1000 | |
| | 8-Oct-91 | 9.00 | 6600 | 370 | 7 | 190 | 380 | |
| | 5-Feb-92 | 8.11 | 44000 | 4800 | 850 | 2700 | 8400 | |
| | 28-Apr-92 | 7.70 | 33000 | 1400 | 320 | 1600 | 5200 | |
| | 27-Jul-92 | 8.52 | 20000 | 2400 | <25 | 1800 | 2300 | |
| | 26-Oct-92 | 9.02 | 21000 | 1600 | 140 | 1500 | 2800 | |
| | 14-Jan-93 | 5.22 | 54000 | 1900 | 1000 | 2700 | 16000 | |
| | 16-Apr-93 | 7.04 | 42000 | 2000 | 1300 | 4300 | 18000 | |
| | 23-Jul-93 | 7.75 | 46000 | 2500 | 2200 | 3400 | 11000 | |
| | 27-Oct-93 | 8.49 | 6500 | 990 | 31 | 1100 | 1000 | |
| 27-Jan-94 | 7.04 | 34000 | 1800 | 580 | 2900 | 9700 | | |
| 5-May-94 | 7.20 | 24000 | 670 | 70 | 1400 | 2700 | | |
| 27-Jul-94 | 7.72 | 4700 | 193.6 | 33.1 | 332.3 | 281.2 | | |
| 28-Oct-94 | 7.82 | 3200 | 167.3 | 18 | 238.7 | 104.5 | | |
| 2-Jan-95 | 6.65 | 18000 | 1300 | 220 | 3400 | 10000 | | |
| 28-Jul-95 | 6.77 | 25000 | 440 | 74 | 1700 | 4500 | | |
| | 17-Oct-95 | 7.00 | 18000 | 360 | 24 | 1300 | 2200 | |
| S-5 (Dup) | 28-Jul-95 | | 25000 | 450 | <50 | 1700 | 4600 | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

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

| SAMPLE POINT | SAMPLE DATE | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|
| 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 | 8.54 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Oct-89 | 8.58 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | 8.31 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | 8.43 | <50 | <0.5 | 0.6 | <0.5 | 1 |
| | 23-Jul-90 | 8.24 | <50 | <0.5 | 0.9 | <0.5 | 1.8 |
| | 18-Oct-90 | 9.20 | <50 | <0.5 | 0.7 | <0.5 | 0.8 |
| | 28-Jan-91 | 9.10 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 25-Apr-91 | 7.74 | <50 | <0.5 | <0.5 | <0.5 | 0.7 |
| | 9-Jul-91 | 8.81 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 9.26 | <50 | 0.7 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | 7.91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 9.29 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-94 | 9.43 | NR | NR | NR | NR | NR |
| | 16-Apr-93 | 7.12 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | 8.14 | NR | NR | NR | NR | NR |
| | 27-Oct-93 | 8.75 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | 7.87 | NR | NR | NR | NR | NR |
| | 5-May-94 | 7.71 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | 8.10 | NR | NR | NR | NR | NR |
| | 28-Oct-94 | 8.04 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| 2-Jan-95 | 7.07 | NR | NR | NR | NR | NR | |
| 14-Apr-95 | 6.29 | <50 | <0.5 | 1.3 | <0.5 | <0.5 | |
| 17-Oct-95 | 7.20 | <50 | <0.5 | <0.5 | <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 | 8.18 | <50 | <0.5 | <1 | <1 | <3 |
| | 10-Oct-89 | 8.35 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | 7.95 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | 8.06 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | 7.89 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | 8.83 | <50 | <0.5 | 0.5 | 0.5 | 4.1 |
| | 28-Jan-91 | 8.77 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 25-Apr-91 | 7.25 | 60 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9-Jul-91 | 8.41 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | 8.04 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 8.95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | 7.45 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 27-Jul-92 | 8.48 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 26-Oct-92 | 9.95 | 570 | <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 | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) | |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|----|
| S-7 | 14-Jan-93 | 5.84 | 56 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 16-Apr-93 | 6.38 | 110 | 28 | <0.5 | <0.5 | 1.8 | |
| | 23-Jul-93 | 7.72 | 80 | 0.48 | <0.5 | <0.5 | 0.8 | |
| | 27-Oct-93 | 7.79 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 27-Jan-94 | 7.85 | 70** | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 5-May-94 | 9.45 | 92 | 2.1 | <0.5 | <0.5 | <0.5 | |
| | 26-Jul-94 | 7.64 | 88 | <0.3 | <0.3 | <0.3 | <0.6 | |
| | 28-Oct-94 | 7.68 | 60 | <0.3 | 0.5 | <0.3 | <0.6 | |
| | 2-Jan-95 | 6.95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 28-Jul-95 | 6.32 | 170 | 1.7 | <0.5 | <0.5 | 2.2 | |
| | 17-Oct-95 | 7.07 | 100 | <0.5 | 0.6 | <0.5 | <0.5 | |
| | 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 | | 7.79 | <50 | 0.6 | <1 | <1 | <3 | |
| 10-Oct-89 | | 7.84 | <50 | <0.5 | <1 | <1 | <3 | |
| 25-Jan-90 | | 7.47 | <50 | <0.5 | <0.5 | <0.5 | <1 | |
| 18-Apr-90 | | 7.59 | <50 | <0.5 | <0.5 | <0.5 | <1 | |
| 23-Jul-90 | | 7.49 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 18-Oct-90 | | 8.44 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 28-Jan-91 | | 8.28 | <50 | 55 | 0.5 | <0.5 | 1.4 | |
| 25-Apr-91 | | 6.72 | 130* | 19 | <0.5 | 1.3 | 1.1 | |
| 9-Jul-91 | | 7.98 | 200 | 33 | <0.5 | 1.8 | 2.8 | |
| 8-Oct-91 | | 8.55 | 580 | 95 | 2.2 | 4.9 | 6.5 | |
| 5-Feb-92 | | 7.50 | 90* | 18 | <0.5 | 6.2 | 1.8 | |
| 28-Apr-92 | | 7.14 | <50 | 5.9 | <0.5 | 2.5 | <0.5 | |
| 27-Jul-92 | | 8.06 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 26-Oct-92 | | 8.58 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 14-Jan-93 | | 5.32 | 270 | 74 | 0.9 | 25 | 5.5 | |
| 16-Apr-93 | | 5.76 | 1100 | 420 | <0.5 | 200 | 20 | |
| 23-Jul-93 | | 7.29 | 160 | 23 | <0.5 | 1.2 | 1.5 | |
| 27-Oct-93 | | 7.93 | 420 | 650 | 0.7 | 11 | 1.7 | |
| 27-Jan-94 | | 6.31 | 290 | 65 | <1 | 6.9 | 2.4 | |
| 5-May-94 | | 6.84 | 120 | 13 | <0.5 | <0.5 | <0.5 | |
| 26-Jul-94 | 7.42 | 115 | 12.2 | 1.3 | <0.3 | 2.7 | | |
| 28-Oct-94 | 7.56 | 733 | 75.9 | 3.2 | 4.9 | 4.2 | | |
| 2-Jan-95 | 6.19 | 290 | 54 | <0.5 | 10 | <0.5 | | |
| 14-Apr-95 | 5.54 | 230 | 68 | <0.5 | 10 | 2.4 | | |
| 28-Jul-95 | 6.28 | 290 | 44 | <0.5 | 8 | <0.5 | | |
| 17-Oct-95 | 6.64 | 190 | 24 | <0.5 | 1 | 0.9 | | |
| 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 | 7.82 | 520 | 73 | <10 | 40 | <30 | |
| | 10-Oct-89 | 7.87 | 380 | 82 | <1 | 46 | 13 | |
| | 25-Jan-90 | 7.41 | 750 | 140 | 1.2 | 69 | 75 | |
| | 18-Apr-90 | 7.65 | 680 | 150 | 1.7 | 50 | 37 | |
| | 23-Jul-90 | 7.58 | 490 | 94 | 1.2 | 32 | 24 | |
| | 18-Oct-90 | 8.46 | 390 | 140 | 0.7 | 3.3 | 24 | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

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

| SAMPLE POINT | SAMPLE DATE | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|
| S-9 | 28-Jan-91 | 8.29 | 1040 | 450 | 4.6 | 85 | 97 |
| | 25-Apr-91 | 6.09 | 5800 | 880 | 9 | 360 | 500 |
| | 9-Jul-91 | 7.82 | 1400 | 220 | 2.8 | 82 | 100 |
| | 8-Oct-91 | 8.55 | 890 | 960 | <2.5 | 16 | 29 |
| | 5-Feb-92 | 6.96 | 950 | 240 | <2.5 | 28 | 55 |
| | 28-Apr-92 | 6.76 | 1400* | 290 | 3 | 100 | 81 |
| | 27-Jul-92 | 8.10 | 890 | 190 | <2.5 | 66 | 68 |
| | 26-Oct-92 | 8.53 | 650 | 160 | <2.5 | 63 | 89 |
| | 13-Jan-93 | 6.80 | 19000 | 2400 | 38 | 1700 | 2200 |
| | 16-Apr-93 | 6.28 | 10000 | 1500 | <5 | 1100 | 990 |
| | 23-Jul-93 | 7.26 | 1100 | 400 | <5 | 260 | 160 |
| | 27-Oct-93 | 8.00 | 2500 | 400 | <5 | 190 | 110 |
| | 27-Jan-94 | 5.96 | 4800 | 990 | 16 | 630 | 490 |
| | 5-May-94 | 6.99 | 3700 | 480 | <5 | 21 | 120 |
| | 26-Jul-94 | 7.56 | 1000 | 124.6 | <0.3 | 35.8 | 28.6 |
| | 28-Oct-94 | 7.78 | 979 | 80.3 | 7 | 21.7 | 29.2 |
| | 2-Jan-95 | 6.29 | 3900 | 540 | 2.4 | 350 | 150 |
| | 14-Apr-95 | 5.69 | 5100 | 1000 | <10 | 380 | 230 |
| | 28-Jul-95 | 6.61 | 4600 | 680 | <10 | 120 | 47 |
| | | 17-Oct-95 | 7.00 | 1600 | 150 | <0.5 | 42 |
| 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 | 7.94 | <50 | <0.5 | <1 | <1 | <3 |
| | 9-Oct-89 | 7.99 | 170 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | 7.56 | <50 | <0.5 | <0.5 | 1.1 | 4 |
| | 18-Apr-90 | 7.71 | <50 | <0.5 | 0.9 | <0.5 | 2 |
| | 23-Jul-90 | 7.64 | 590 | <0.5 | <0.5 | 1.9 | 19 |
| | 18-Oct-90 | 8.58 | 140 | <0.5 | 0.7 | <0.5 | 7 |
| | 28-Jan-91 | 8.35 | <50 | <0.5 | <0.5 | <0.5 | 0.5 |
| | 25-Apr-91 | 6.91 | <50 | <0.5 | <0.5 | 1.1 | 0.8 |
| | 9-Jul-91 | 8.14 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 8.70 | 140 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | 7.57 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | 7.20 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | 8.17 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 8.68 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-93 | 3.78 | 88 | <0.5 | 0.6 | 0.6 | <0.5 |
| | 16-Apr-93 | 6.46 | 80 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | 7.38 | <50 | 1.5 | <0.5 | 0.7 | 2.7 |
| | 27-Oct-93 | 8.09 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | 5.81 | 270 | 1.1 | 1.3 | 2 | 7.4 |
| | 5-May-94 | 6.82 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | 7.40 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 28-Oct-94 | 7.62 | <50 | 2.4 | <0.3 | 0.5 | 0.8 |
| | 2-Jan-95 | 6.13 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 14-Apr-95 | 5.60 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Jul-95 | 6.44 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 17-Oct-95 | 6.85 | <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 | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|
| 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 | 8.65 | <50 | <0.5 | <1 | <1 | <3 |
| | 9-Oct-89 | 8.64 | <50 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | 8.43 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | 8.42 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | 8.23 | <50 | <0.5 | 0.6 | <0.5 | 1.1 |
| | 18-Oct-90 | 9.20 | <50 | <0.5 | <0.5 | <0.5 | 0.5 |
| | 28-Jan-91 | 9.13 | 63 | <0.5 | 3.3 | 0.9 | 7 |
| | 25-Apr-91 | 7.53 | <50 | <0.5 | <0.5 | 0.8 | <0.5 |
| | 9-Jul-91 | 8.85 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 9.34 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | 7.80 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | 8.80 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 9.42 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 13-Jan-93 | 6.52 | NR | NR | NR | NR | NR |
| | 16-Apr-93 | 6.86 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | 8.07 | NR | NR | NR | NR | NR |
| | 27-Oct-93 | NM | NA | NA | NA | NA | NA |
| | 27-Jan-94 | NM | NR | NR | NR | NR | NR |
| | 5-May-94 | 7.73 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | 8.30 | NR | NR | NR | NR | NR |
| | 28-Oct-94 | 8.30 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | 7.25 | NR | NR | NR | NR | NR |
| | 14-Apr-95 | 6.99 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 17-Oct-95 | 7.41 | <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 | 8.32 | <50 | <0.5 | <1 | <1 | <3 |
| | 9-Oct-89 | 8.32 | <50 | <0.5 | <1 | <1 | <1 |
| | 25-Jan-90 | 8.18 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| | 18-Apr-90 | 8.05 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-90 | 7.92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | 8.90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Jan-91 | 8.54 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 25-Apr-91 | 7.08 | 90 | 5.4 | <0.5 | 1.1 | 0.7 |
| | 9-Jul-91 | 8.42 | <50 | 2.9 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 8.80 | 50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | 8.07 | 50* | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | 8.33 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | 8.55 | 94 | <0.5 | <0.5 | <0.5 | <0.5 |
| 26-Oct-92 | 9.03 | 86 | <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 | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|
| S-12 | 14-Jan-93 | 6.38 | 120 | 2 | <0.5 | <0.5 | <0.5 |
| | 16-Apr-93 | 6.56 | 60 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | 7.76 | 90 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Oct-93 | NM | NA | NA | NA | NA | NA |
| | 27-Jan-94 | NM | NA | NA | NA | NA | NA |
| | 5-May-94 | 7.49 | <50 | 2 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | 7.92 | 128 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 28-Oct-94 | 7.78 | 167 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | 7.33 | 50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 14-Apr-95 | 6.47 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Jul-95 | 6.90 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 17-Oct-95 | 7.16 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | S-13 | 3-May-89 | | 150 | 4.9 | 4 | 2 |
| 10-Aug-89 | | 8.00 | 110 | 2.9 | <1 | <1 | <3 |
| 9-Oct-89 | | 7.95 | 77 | 1.4 | <1 | <1 | <3 |
| 25-Jan-90 | | 7.79 | 51 | 0.5 | <0.5 | <0.5 | <1 |
| 18-Apr-90 | | 7.73 | 85 | 8.7 | <0.5 | <0.5 | <1 |
| 23-Jul-90 | | 7.63 | 80 | 0.8 | <0.5 | <0.5 | <0.5 |
| 18-Oct-90 | | 8.58 | 130 | <0.5 | <0.5 | <0.5 | <5 |
| 28-Jan-91 | | 8.39 | <50 | <0.5 | 0.9 | 1.2 | 1 |
| 25-Apr-91 | | 7.00 | 440* | 3.8 | <0.5 | <0.5 | 0.6 |
| 9-Jul-91 | | 8.12 | 320* | 0.6 | <0.5 | <0.5 | <0.5 |
| 8-Oct-91 | | 8.69 | 310 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Apr-92 | | 7.15 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 26-Oct-92 | | 8.73 | 180 | <0.5 | <0.5 | <0.5 | <0.5 |
| 13-Jan-93 | | 5.06 | NR | NR | NR | NR | NR |
| 16-Apr-93 | | 6.38 | 240 | 4.8 | <0.5 | 1.3 | <0.5 |
| 23-Jul-93 | | 7.45 | NR | NR | NR | NR | NR |
| 27-Oct-93 | | NM | NA | NA | NA | NA | NA |
| 27-Jan-94 | | NM | NR | NR | NR | NR | NR |
| 5-May-94 | | 6.91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 26-Jul-94 | | 7.52 | NR | NR | NR | NR | NR |
| 28-Oct-94 | | 7.68 | 368 | <0.3 | <0.3 | <0.3 | <0.6 |
| 2-Jan-95 | 6.37 | NR | NR | NR | NR | NR | |
| 17-Oct-95 | 6.94 | <50 | 1 | <0.5 | <0.5 | <0.5 | |
| S-14 | 3-May-89 | | 5300 | 750 | 400 | 200 | 800 |
| | 10-Aug-89 | 7.58 | 1800 | 540 | 140 | 42 | 50 |
| | 9-Oct-89 | 7.62 | 1000 | 360 | 60 | 20 | 30 |
| | 25-Jan-90 | 7.82 | 640 | 160 | 77 | 17 | 39 |
| | 18-Apr-90 | 7.37 | 1200 | 200 | 110 | 30 | 96 |
| | 23-Jul-90 | 7.28 | 5000 | 430 | 340 | 140 | 660 |
| | 18-Oct-90 | 8.10 | 1800 | 770 | 13 | 17 | 120 |
| | 28-Jan-91 | 8.04 | 720 | 200 | 36 | 21 | 78 |
| | 25-Apr-91 | 6.40 | 14000 | 930 | 430 | 250 | 970 |
| | 9-Jul-91 | 7.69 | 160 | 30 | 5.3 | 5 | 16 |
| 8-Oct-91 | 8.24 | 5400 | 81 | 57 | 95 | 380 | |

TABLE 2

HISTORICAL GROUNDWATER QUALITY DATABASE

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

| SAMPLE POINT | SAMPLE DATE | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|
| S-14 | 28-Apr-92 | 9.75 | 2000 | 270 | 140 | 48 | 170 |
| | 26-Oct-92 | 8.32 | 920 | 33 | 12 | 25 | 88 |
| | 13-Jan-93 | 5.07 | NR | NR | NR | NR | NR |
| | 16-Apr-93 | 5.86 | 4500 | 1100 | 29 | 91 | 170 |
| | 23-Jul-93 | 7.06 | NR | NR | NR | NR | NR |
| | 27-Oct-93 | NM | NA | NA | NA | NA | NA |
| | 27-Jan-94 | NM | NR | NR | NR | NR | NR |
| | 5-May-94 | 6.48 | 810 | 250 | <2.5 | 9.4 | 19 |
| | 26-Jul-94 | 7.04 | NR | NR | NR | NR | NR |
| | 28-Oct-94 | 7.07 | 5385 | 290.6 | 85.8 | 49.7 | 186.2 |
| | 2-Jan-95 | 5.95 | NR | NR | NR | NR | NR |
| | 14-Apr-95 | 5.22 | 1600 | 40 | 4.7 | 11 | 20 |
| | 17-Oct-95 | 6.30 | 1200 | 37 | <0.5 | 7.8 | 11 |
| | S-15 | 3-May-89 | | <50 | <0.5 | <1 | <1 |
| 10-Aug-89 | | 8.48 | <50 | <0.5 | <1 | <1 | <3 |
| 9-Oct-89 | | 8.46 | <50 | <0.5 | <1 | <1 | <3 |
| 25-Jan-90 | | 8.34 | <50 | <0.5 | <1 | <1 | <1 |
| 18-Apr-90 | | 8.45 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| 23-Jul-90 | | 8.22 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 18-Oct-90 | | 9.11 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Jan-91 | | 9.13 | <50 | <0.5 | 0.6 | <0.5 | 0.8 |
| 25-Apr-91 | | 7.83 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 9-Jul-91 | | 8.93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 8-Oct-91 | | 9.26 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 5-Feb-92 | | 8.60 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Apr-92 | | 8.09 | 50 | 0.8 | 0.9 | <0.5 | 1.4 |
| 27-Jul-92 | | 8.83 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 26-Oct-92 | | 9.31 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 14-Jan-93 | | 6.64 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 16-Apr-93 | | 7.14 | <50 | 0.6 | 1 | <0.5 | 0.7 |
| 23-Jul-93 | | 8.23 | <50 | 1.2 | <0.5 | <0.5 | 1.6 |
| 27-Oct-93 | | NM | NA | NA | NA | NA | NA |
| 27-Jan-94 | | NM | NA | NA | NA | NA | NA |
| 5-May-94 | | 7.57 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 26-Jul-94 | 8.16 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | |
| 28-Oct-94 | 7.87 | <50 | 0.3 | <0.3 | <0.3 | <0.6 | |
| 2-Jan-95 | 7.02 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 28-Jul-95 | 6.72 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 17-Oct-95 | 7.04 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| S-16 | 4-May-94 | | 380 | 44 | 3 | 2 | <3 |
| | 10-Aug-89 | 8.36 | <50 | 0.6 | <1 | <1 | <3 |
| | 10-Oct-89 | 8.23 | <5 | <0.5 | <1 | <1 | <3 |
| | 25-Jan-90 | 7.88 | 240 | 160 | 3.3 | 0.8 | 11 |
| | 18-Apr-90 | 8.19 | <50 | 1 | <0.5 | <0.5 | <1 |
| | 23-Jul-90 | 8.09 | <50 | 1.1 | <0.5 | <0.5 | <0.5 |
| | 18-Oct-90 | 8.90 | <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 | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|
| S-16 | 28-Jan-91 | 8.55 | <50 | <0.5 | 0.6 | <0.5 | 0.9 |
| | 25-Apr-91 | 7.48 | 60^ | 21 | 0.5 | 3.2 | 4.8 |
| | 9-Jul-91 | 8.48 | <50 | 1 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 8.95 | 50 | 17 | 1.4 | 1.2 | 5.5 |
| | 5-Feb-92 | 8.20 | 150 | 65 | 0.7 | <0.5 | 8.4 |
| | 28-Apr-92 | 7.80 | <50 | 13 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | 8.29 | 510 | 130 | <2.5 | <0.5 | 21 |
| | 26-Oct-92 | 9.02 | <50 | <0.5 | <0.5 | <2.5 | <0.5 |
| | 13-Jan-93 | 5.78 | 100 | 25 | 1.9 | <0.5 | 8.4 |
| | 16-Apr-93 | 6.80 | 150 | 56 | 1.8 | 4.6 | 12 |
| | 23-Jul-93 | 7.67 | <50 | 0.9 | <0.5 | <0.5 | <0.5 |
| | 27-Oct-93 | 8.52 | <50 | 1.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | 7.20 | 140 | 85 | <1 | <1 | 13 |
| | 5-May-94 | 7.76 | 71 | 25 | <0.5 | <0.5 | 4.2 |
| | 26-Jul-94 | 7.84 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 28-Oct-94 | 7.97 | <50 | 11.5 | <0.3 | <0.3 | 1.8 |
| | 2-Jan-95 | 6.49 | 70 | 64 | <0.5 | <0.5 | 4 |
| | 28-Jul-95 | 7.00 | <50 | 1.7 | <0.5 | <0.5 | <0.5 |
| | 17-Oct-95 | 7.15 | <50 | 4.6 | <0.5 | <0.5 | <0.5 |
| | S-17 | 3-May-89 | | <50 | <0.5 | <1 | <1 |
| 10-Aug-89 | | 8.13 | <50 | <0.5 | <1 | <1 | <3 |
| 9-Oct-89 | | 8.18 | <50 | <0.5 | <1 | <1 | <3 |
| 25-Jan-90 | | 7.60 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| 18-Apr-90 | | 7.95 | <50 | <0.5 | <0.5 | <0.5 | <1 |
| 23-Jul-90 | | 7.87 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 18-Oct-90 | | 8.71 | 390 | 10 | 62 | 22 | 110 |
| 28-Jan-91 | | 8.54 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 25-Apr-91 | | 7.15 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 9-Jul-91 | | 8.24 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 8-Oct-91 | | 8.86 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 28-Apr-92 | | 7.41 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 26-Oct-92 | | 8.87 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 13-Jan-93 | | 3.43 | NR | NR | NR | NR | NR |
| 16-Apr-93 | | 6.70 | 130 | <0.5 | <0.5 | <0.5 | <0.5 |
| 23-Jul-93 | | 7.53 | NR | NR | NR | NR | NR |
| 27-Oct-93 | | 8.29 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 27-Jan-94 | | 5.78 | NR | NR | NR | NR | NR |
| 5-May-94 | | 6.99 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| 26-Jul-94 | | 7.62 | NR | NR | NR | NR | NR |
| 28-Oct-94 | 7.91 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | |
| 2-Jan-95 | 6.33 | NR | NR | NR | NR | NR | |
| 17-Oct-95 | 7.15 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | |
| S-18 | 31-May-91 | | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9-Jul-91 | 8.23 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 8-Oct-91 | 8.84 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 5-Feb-92 | 7.67 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Apr-92 | 7.40 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jul-92 | 8.38 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Oct-92 | 8.83 | <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 | DEPTH TO WATER (FT.) | TPH-G (PPB) | BENZENE (PPB) | TOLUENE (PPB) | ETHYLBENZENE (PPB) | XYLENES (PPB) |
|--------------|-------------|----------------------|-------------|---------------|---------------|--------------------|---------------|
| S-18 | 13-Jan-93 | 5.86 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 16-Apr-93 | 4.88 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 23-Jul-93 | 7.56 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Oct-93 | 8.30 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 27-Jan-94 | 6.84 | <50 | 1.9 | <0.5 | <0.5 | <0.5 |
| | 5-May-94 | 7.05 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 26-Jul-94 | 7.62 | <500 | <3 | 1.1 | <0.3 | 1.8 |
| | 28-Oct-94 | 8.01 | <50 | <0.3 | <0.3 | <0.3 | <0.6 |
| | 2-Jan-95 | 6.26 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 28-Jul-95 | 5.80 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 17-Oct-95 | 7.22 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| SR-1 | 22-Mar-89 | | 5400 | 1100 | 230 | 350 | 1300 |
| | 25-Jan-90 | 7.53 | 2200 | 470 | 120 | 110 | 510 |
| | 18-Apr-90 | 8.17 | 1000 | 130 | 47 | 47 | 220 |
| | 23-Jul-90 | 7.58 | 3200 | 470 | 320 | 170 | 870 |
| | 18-Oct-90 | 8.81 | 1300 | 280 | 6.6 | 110 | 130 |
| | 28-Jan-91 | 8.37 | 110 | 120 | 12 | 51 | 110 |
| | 9-Jul-91 | 8.11 | 1400 | 200 | 27 | 130 | 340 |
| | 8-Oct-91 | 8.63 | 980 | 79 | 1.5 | 44 | 52 |
| | 5-Feb-91 | 7.68 | 3800 | 580 | 36 | 320 | 400 |
| | 28-Apr-92 | 7.27 | 38000 | 1800 | 460 | 1900 | 750 |
| | 27-Jul-92 | 8.11 | FP | FP | FP | FP | FP |
| | 26-Oct-92 | 8.63 | 1800 | 370 | 10 | 130 | 130 |
| | 13-Jan-93 | 5.46 | 47000 | 1000 | 1100 | 1700 | 13000 |
| | 16-Apr-93 | 6.28 | 25000 | 1700 | 430 | 2400 | 8300 |
| | 23-Jul-93 | 7.34 | 33000 | 2400 | 2000 | 3800 | 14000 |
| | 27-Oct-93 | 8.04 | 2300 | 340 | <12.5 | 270 | 440 |
| | 27-Jan-94 | 6.68 | 36000 | 2000 | 1700 | 3000 | 11000 |
| | 5-May-94 | 6.81 | 43000 | 1500 | 130 | 2900 | 12000 |
| | 26-Jul-94 | 7.38 | 13600 | 682.7 | 39.2 | 996.6 | 2516 |
| | 28-Oct-94 | 7.48 | 8462 | 301.5 | 29.3 | 384.7 | 2019 |
| 2-Jan-95 | 6.34 | 13000 | 400 | 120 | 2500 | 10000 | |
| 14-Apr-95 | 5.29 | 43000 | 690 | 370 | 2500 | 12000 | |
| 28-Jul-95 | 6.36 | 35000 | 760 | 120 | 2300 | 8100 | |
| 17-Oct-95 | 6.62 | 9700 | 310 | 12 | 610 | 1200 | |
| SR-1(Dup) | 17-Oct-95 | | 8300 | 230 | 9.6 | 680 | 840 |

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.

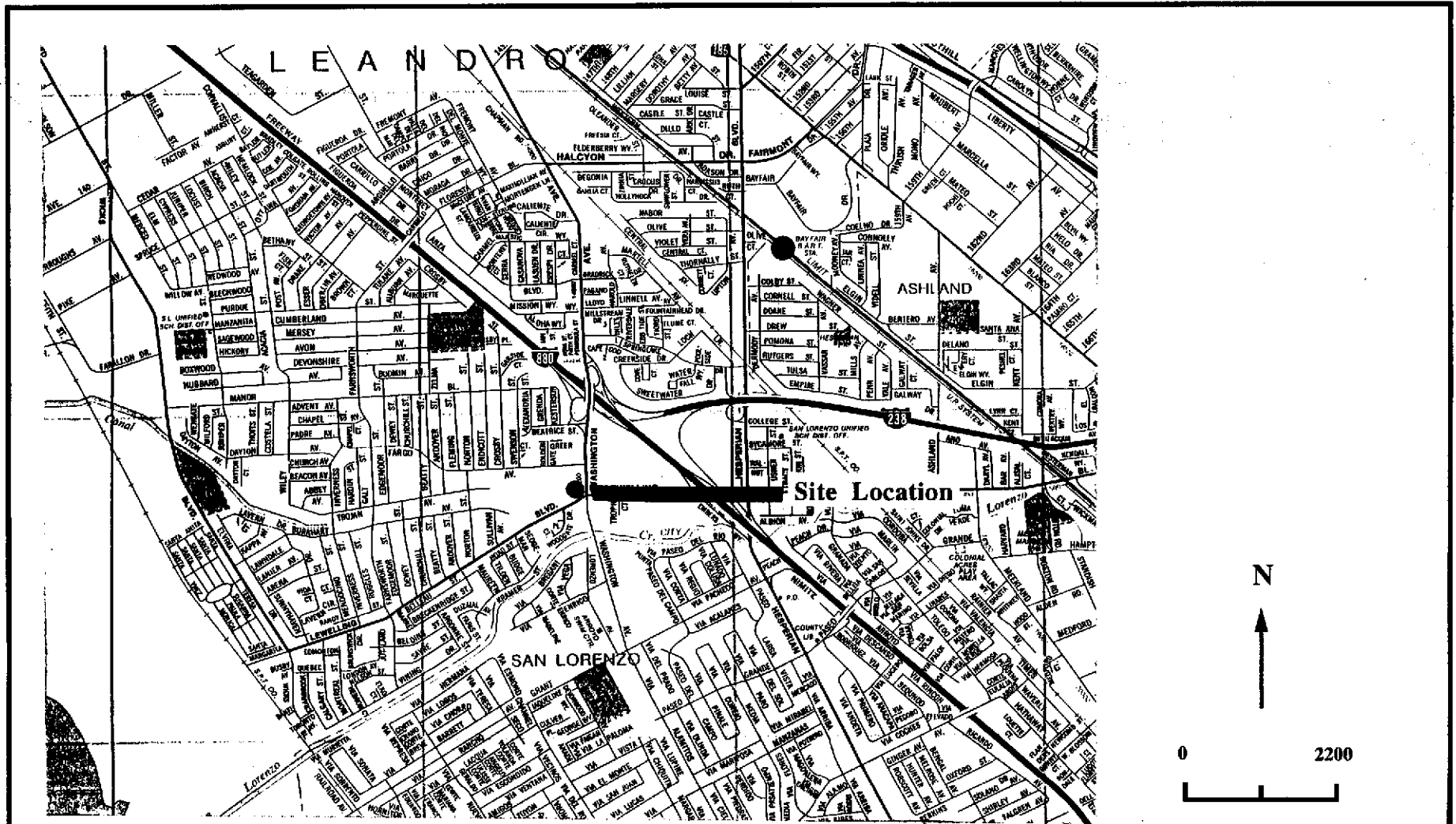
NR = Not required.

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

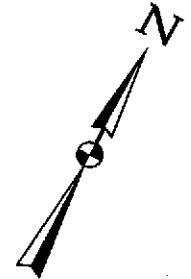
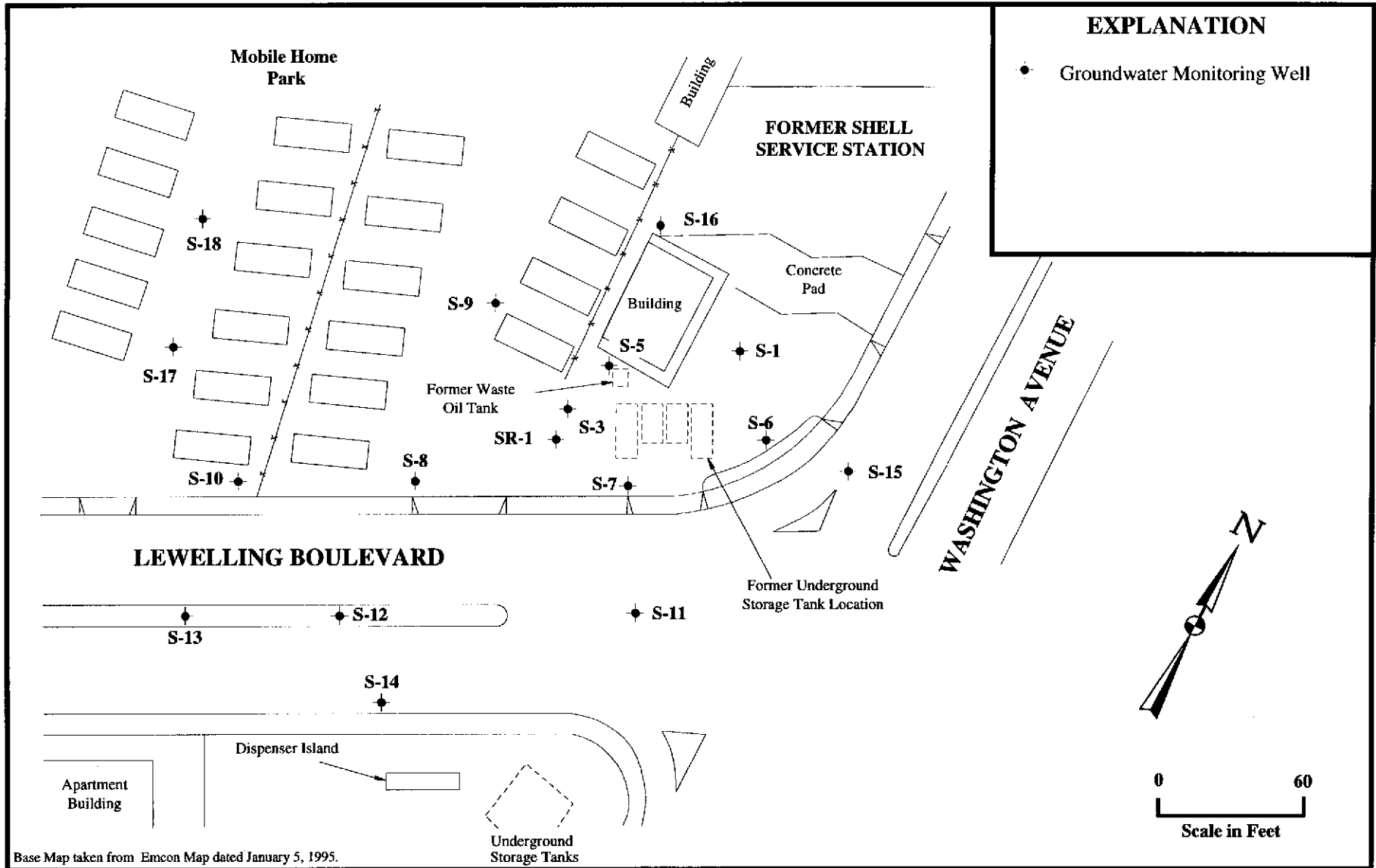
Date: 3-23-95

Approved By: *[Signature]*

Date: *12-12-97*

EXPLANATION

• Groundwater Monitoring Well



0 60
Scale in Feet

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: _____

Date: 4-12-95

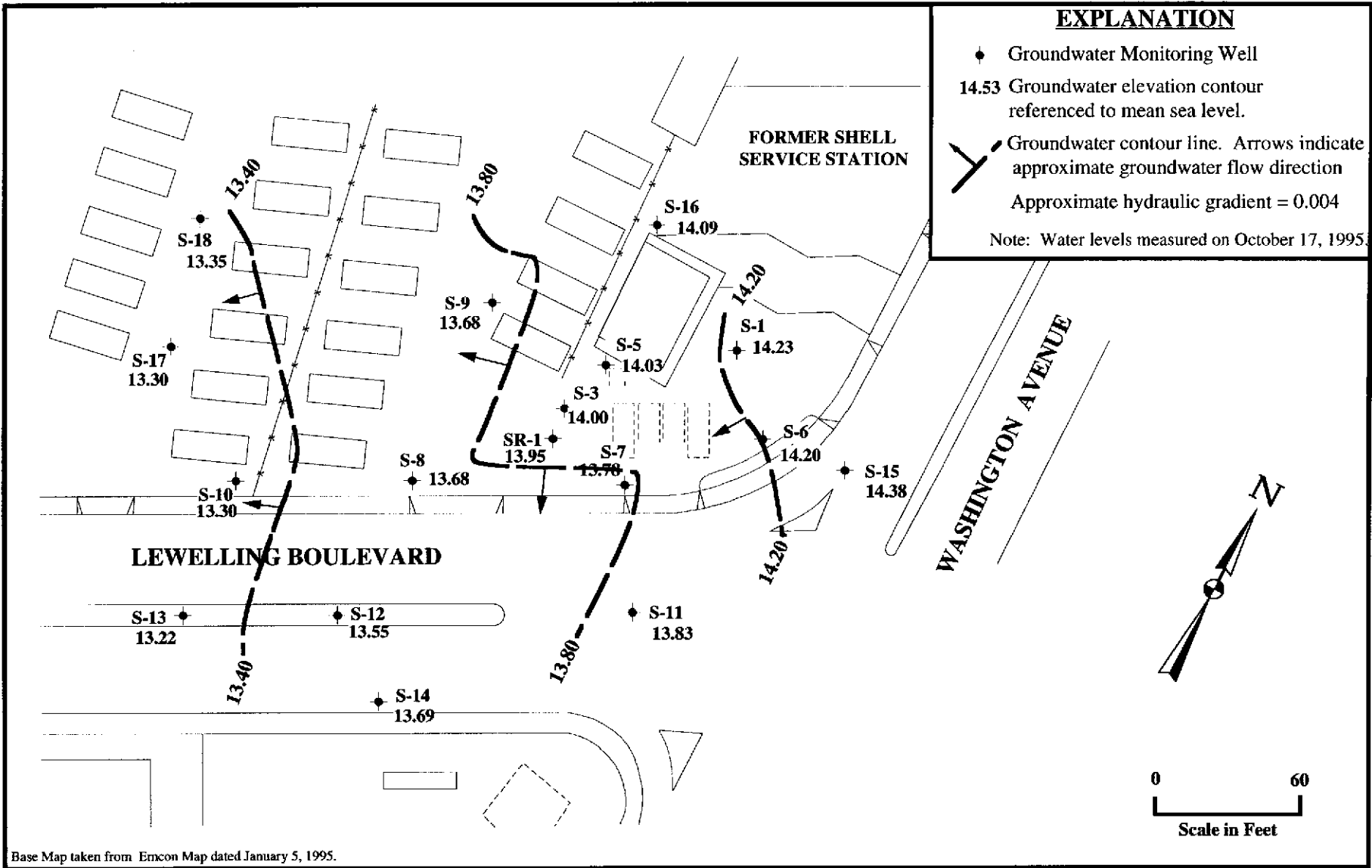


PLATE **3** GROUNDWATER CONTOUR MAP
 Shell Oil Company
 15275 Washington Avenue
 San Leandro, California

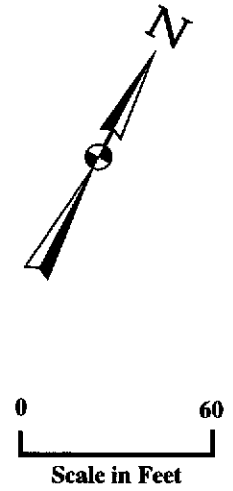
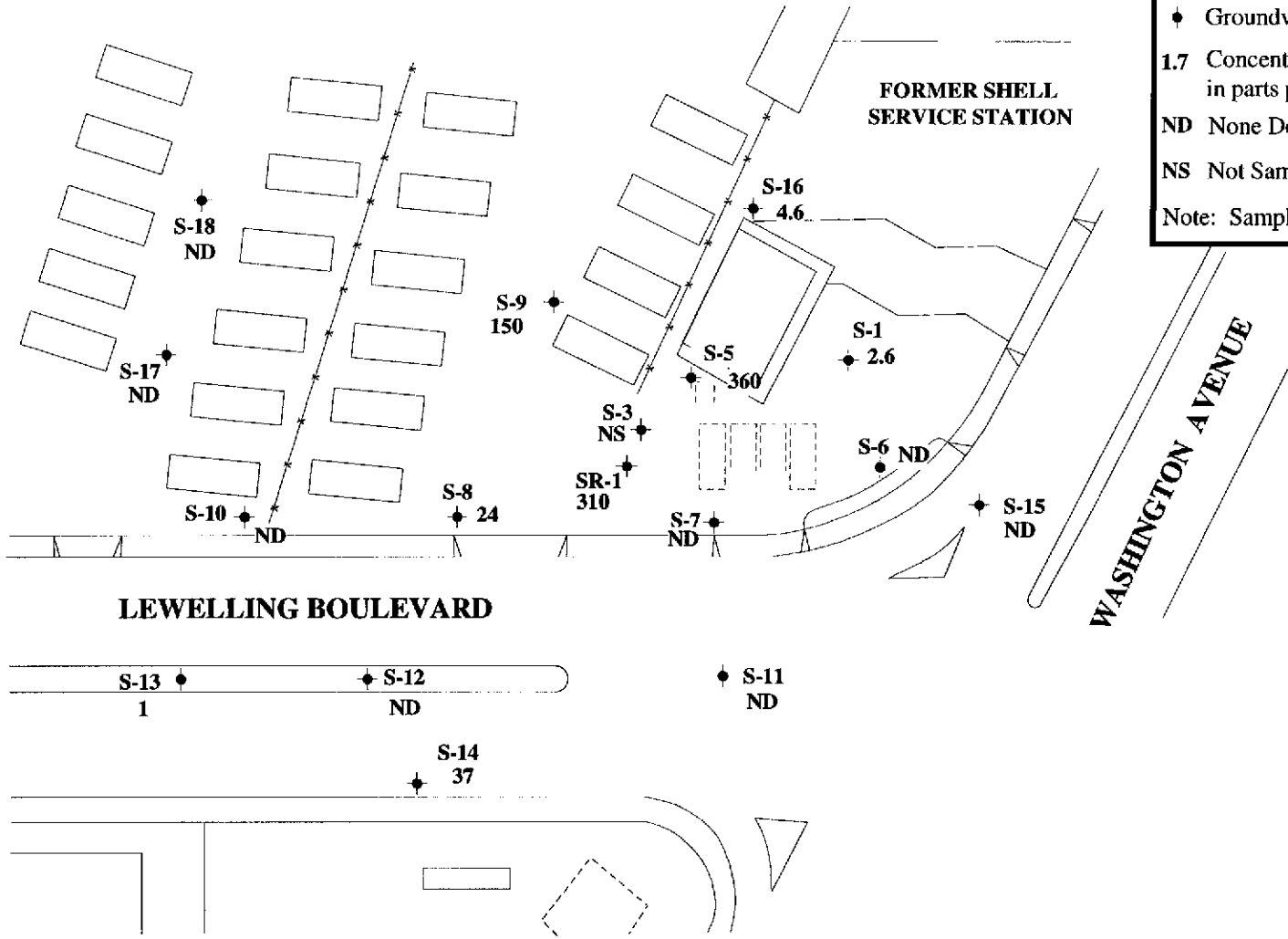
enviros®
 95276

Drawn By: DML Date: 11-29-95

Approved By: *[Signature]* Date: 12-12-95

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 October 17, 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: DML

Date: 11-29-95

Approved By: *[Signature]*

Date: 12-12-95

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 95133
(408) 995-5535
FAX (408) 293-8773

October 4, 1995

RECEIVED
NOV 13 1995

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

Attn: Lynn Walker

Shell WIC #204-6852-1008
15275 Washington Blvd.
San Leandro, California

4th Quarter 1995

Quarterly Groundwater Monitoring Report 951017-A-1

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. Copies of our Sampling Report along with the laboratory's Certified Analytical Report are forwarded to the consultant overseeing work at this site. Submission of the assembled documents to interested regulatory agencies will be made by the designated consultant.

Groundwater monitoring at this site was performed in accordance with Standard Operating Procedures provided to the interested regulatory agencies. If you have any questions about the work performed at this site please call me at (408) 995-5535 ext. 201.

Yours truly,



Francis Thie

attachments: Table of Well Gauging Data
Chain of Custody
Field Data Sheets
Certified Analytical Report

cc: Enviro, Inc.
P.O. Box 259
Sonoma, CA 95476-0259
Attn: Diane Lundquist

(Any professional evaluations or recommendations will be made by the consultant under separate cover.)

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 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.04 | 19.68 |
| S-3 | 10/17/95 | TOC | -- | NONE | -- | -- | 6.48 | 14.89 |
| S-5 | 10/17/95 | TOC | ODOR | NONE | -- | -- | 7.00 | 17.90 |
| S-6 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.20 | 24.14 |
| S-7 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.07 | 23.72 |
| S-8 | 10/17/95 | TOC | -- | NONE | -- | -- | 6.64 | 23.80 |
| S-9 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.00 | 17.62 |
| S-10 | 10/17/95 | TOC | -- | NONE | -- | -- | 6.85 | 17.71 |
| S-11 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.41 | 23.30 |
| S-12 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.16 | 23.14 |
| S-13 | 10/17/95 | TOC | -- | NONE | -- | -- | 6.94 | 23.32 |
| S-14 | 10/17/95 | TOC | -- | NONE | -- | -- | 6.30 | 22.60 |
| S-15 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.04 | 22.68 |
| S-16 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.15 | 23.43 |
| S-17 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.15 | 23.87 |
| S-18 | 10/17/95 | TOC | -- | NONE | -- | -- | 7.22 | 17.57 |
| SR-1 * | 10/17/95 | TOC | SHEEN/ODOR | -- | -- | -- | 6.62 | 20.78 |

* Sample DUP was a duplicate sample taken from well SR-1.



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
 Serial No: 951017-191

Date: 10/17/95
 Page 1 of 3

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: Randy Valentine

Printed Name: RANDY VALENTINE / MIKE TOLL

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 PACIFIC

| CHECK ONE (1) BOX ONLY | CT/DT | 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 | 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 hr. TAT.

| Sample ID | Date | TIME Sludge | Soil | Water | Air | No. of conts. |
|-----------|-------|-------------|------|-------|-----|---------------|
| S-1 | 10/17 | 1215 | | X | | 3 |
| S-5 | | 1320 | | X | | 3 |
| S-6 | | 1045 | | X | | 3 |
| S-7 | | 1130 | | X | | 3 |
| S-8 | | 1245 | | X | | 3 |
| S-9 | | 1304 | | X | | 3 |
| S-10 | | 1130 | | X | | 3 |
| S-11 | | 955 | | X | | 3 |

| MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS |
|----------------------|-----------------------------------|
| | * MTC per Shell West of 10 Oct 95 |

CUSTODY SEALED

Date: 10/17/95 Time: 1630 Initials: RS

SEAL INTACT?

Yes No Initials: RS

Relinquished By (signature): Randy Valentine
 Printed Name: RANDY VALENTINE
 Date: 10/17/95
 Time: 1630

Received (signature): Phyllis Smart
 Printed Name: Phyllis Smart
 Date: 10/18/95
 Time: 1630

Relinquished By (signature): Phyllis Smart
 Printed Name: Phyllis Smart
 Date: 10/18/95
 Time: 0800

Relinquished By (signature): Phyllis Smart
 Printed Name: Phyllis Smart
 Date: 10/18/95
 Time: 0800

Received (signature): Randy Valentine
 Printed Name: Randy Valentine
 Date: 10/18/95
 Time: 0800

Relinquished By (signature): Pam Greene
 Printed Name: PAM GREENE
 Date: 10/19/95
 Time: 0800

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

VIA: NCS



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 951017-A1

Date: 10/17/95

Page 2 of 3

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: Randy Valentine

Printed Name: RANDY VALENTINE

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 PACIFIC

| CHECK ONE (1) BOX ONLY | CT/DI | 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 Classify/Disposal <input type="checkbox"/> | 6442 | 16 days <input checked="" type="checkbox"/> (Normal) |
| Water Classify/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.

| Sample ID | Date | TIME Sludge | Soil | Water | Air | No. of conts. | TPH (EPA 8015 Mod. Gas) | TPH (EPA 8015 Mod. Diesel) | BTEX (EPA 8020/602) | Volatile Organics (EPA 8240) | Test for Disposal | Combination TPH 8015 & BTEX 8020 | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS |
|-----------|-------|-------------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|----------------------|----------------------------|
| | | | | | | | | | | | | | | | | | | |
| S-12 | 10/17 | 930 | | X | | 3 | | | | | | X | | | | | | |
| S-13 | | 1030 | | X | | 3 | | | | | | X | | | | | | |
| S-14 | | 1012 | | X | | 3 | | | | | | X | | | | | | |
| S-15 | | 910 | | X | | 3 | | | | | | X | | | | | | |
| S-16 | | 1155 | | X | | 3 | | | | | | X | | | | | | |
| S-17 | | 1115 | | X | | 3 | | | | | | X | | | | | | |
| S-18 | | 1058 | | X | | 3 | | | | | | X | | | | | | |
| SRI | | 1345 | | X | | 3 | | | | | | X | | | | | | |

CUSTODY SEALED
 Date: 10/17/95 Time: 1630 Initials: PS
SEAL INTACT?
 Yes No Initials: PS

| | | | | | |
|---|--------------------------------------|-----------------------|--|------------------------------------|-----------------------|
| Relinquished By (signature): <u>Randy Valentine</u> | Printed Name: <u>RANDY VALENTINE</u> | Date: <u>10/17/95</u> | Received (signature): <u>Phyllis Smart</u> | Printed Name: <u>Phyllis Smart</u> | Date: <u>10/17/95</u> |
| Relinquished By (signature): <u>Phyllis Smart</u> | Printed Name: <u>Phyllis Smart</u> | Date: <u>10/17/95</u> | Received (signature): <u>Pam Greene</u> | Printed Name: <u>PAM GREENE</u> | Date: <u>10/19/95</u> |
| Relinquished By (signature): | Printed Name: | Date: | Received (signature): | Printed Name: | Date: |

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

VIA: NCS



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
 Serial No: 951017-A1

Date: 10-17-95
 Page 3 of 3

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: *Randy Valent*

Printed Name: RANDY VALENTINE / MIKE TOLL

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 PACIFIC

| CHECK ONE (1) BOX ONLY | CT/DT | 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/Dkposal <input type="checkbox"/> 6442 | | 15 days <input checked="" type="checkbox"/> (Normal) |
| Water Classfy/Dkposal <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.

| Sample ID | Date | TIME Sledge | Soil | Water | Air | No. of conts. | TPH (EPA 8015 Mod. Gas) | TPH (EPA 8015 Mod. Diesel) | BTEX (EPA 8020/602) | Volatile Organics (EPA 8240) | Test for Disposal | Combination TPH 8015 & BTEX 8020 | Asbestos | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION/ COMMENTS | |
|-----------|-------|-------------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|----------------------|----------------------------|--|
| EB | 10/17 | 1100 | | X | | 3 | | | | | | X | | | | | | | |
| DUP | | | | X | | 3 | | | | | | X | | | | | | | |
| TB | | | | X | | 2 | | | | | | X | | | | | | | |

CUSTODY SEALED
 Date 10/17/95 Time 1630 Initials CS
SEAL INTACT?
 Yes No Initials GH

| | | | | | | | |
|---|--------------------------------------|-----------------------|-------------------|--|------------------------------------|-----------------------|--------------------|
| Relinquished By (signature): <i>Randy Valent</i> | Printed Name: <u>RANDY VALENTINE</u> | Date: <u>10/17/95</u> | Time: <u>1205</u> | Received (signature): <i>Phyllis Smart</i> | Printed Name: <u>Phyllis Smart</u> | Date: <u>10/17/95</u> | Time: <u>1205</u> |
| Relinquished By (signature): <i>Phyllis Smart</i> | Printed Name: <u>Phyllis Smart</u> | Date: <u>10/17/95</u> | Time: <u>1630</u> | Received (signature): <i>Pam Greene</i> | Printed Name: <u>PAM GREENE</u> | Date: <u>10/17/95</u> | Time: <u>08:00</u> |
| Relinquished By (signature): | Printed Name: | Date: | Time: | Received (signature): | Printed Name: | Date: | Time: |

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

VIA INCS



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: 11/02/1995
NET Client Acct. No: 1821
NET Job No: 95.04111
Received: 10/19/1995

Client Reference Information

Shell 15275 Washington, San Leandro, CA/951017-A1

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:

Ginger Branlee
Project Coordinator

Enclosure (s)





Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.04111

Date: 11/02/1995
ELAP Cert: 1386
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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-1
Date Taken: 10/17/1995
Time Taken: 12:15
NET Sample No: 253945

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | 60 | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | 2.6 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | 1.2 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | 1.3 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | 11 | C | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURRE) | 97 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

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: 95.04111

Date: 11/02/1995
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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-5
Date Taken: 10/17/1995
Time Taken: 13:20
NET Sample No: 253946

| Parameter | Results | Flags | Reporting Limit | Units | Method | Date Extracted | Date Analyzed | Run Batch No. |
|-------------------------------|---------|-------|-----------------|--------|--------|----------------|---------------|---------------|
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 10 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | 18,000 | | 500 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/25/1995 | 3291 |
| Benzene | 360 | | 5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | 24 | | 5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | 1,300 | FF | 50 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Xylenes (Total) | 2,200 | FF | 50 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | -- | | | | | | 10/25/1995 | 3291 |
| Bromofluorobenzene (SURR) | 105 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

FF : Compound quantitated at a 100X dilution factor.

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-6
Date Taken: 10/17/1995
Time Taken: 10:45
NET Sample No: 253947

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|-------|
| | | | Limit | Units | | Extracted | Analyzed | Batch |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/25/1995 | 3291 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | -- | | | | | | 10/25/1995 | 3291 |
| Bromofluorobenzene (SURR) | 90 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

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: 1021
NET Job No: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-7
Date Taken: 10/17/1995
Time Taken: 11:30
NET Sample No: 253948

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | 100 | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | 0.6 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | 62 | C | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 104 | | | µ Rec. | 8020 | | 10/25/1995 | 3291 |

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-8

Date Taken: 10/17/1995

Time Taken: 12:45

NET Sample No: 253949

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | 190 | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/25/1995 | 3291 |
| Benzene | 24 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | 1.0 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | 0.9 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | -- | | | | | | 10/25/1995 | 3291 |
| Bromofluorobenzene (SURR) | 93 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-9
Date Taken: 10/17/1995
Time Taken: 13:04
NET Sample No: 253950

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | 1,600 | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/25/1995 | 3291 |
| Benzene | 150 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | 42 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | 15 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | -- | | | | | | 10/25/1995 | 3291 |
| Bromofluorobenzene (SURR) | 104 | | | * Rec. | 8020 | | 10/25/1995 | 3291 |

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-10

Date Taken: 10/17/1995

Time Taken: 11:30

NET Sample No: 253951

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 109 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

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
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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-11
Date Taken: 10/17/1995
Time Taken: 09:55
NET Sample No: 253952

| Parameter | Results | Flags | Reporting Limit | Units | Method | Date Extracted | Date Analyzed | Run Batch No. |
|-------------------------------|---------|-------|-----------------|--------|--------|----------------|---------------|---------------|
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | | | | | 8020 | | 10/25/1995 | 3291 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | -- | | | | | | 10/25/1995 | 3291 |
| Bromofluorobenzene (SURR) | 105 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

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: 95.04111

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SAMPLE DESCRIPTION: S-12
Date Taken: 10/17/1995
Time Taken: 09:30
NET Sample No: 253953

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | 100 | C | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 104 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-13

Date Taken: 10/17/1995

Time Taken: 10:30

NET Sample No: 253954

| Parameter | Results | Flags | Reporting | | Units | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--|--------|--------|------------|----------|---------------------|
| | | | Limit | | | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | | 3291 |
| Purgeable TPH | ND | | 50 | | ug/L | 8015 | 10/25/1995 | | 3291 |
| Carbon Range: C6 to C12 | -- | | | | | 8015 | 10/25/1995 | | 3291 |
| METHOD 8020 (GC, Liquid) | | | | | | | | | |
| Benzene | 1.0 | C | 0.5 | | ug/L | 8020 | 10/25/1995 | | 3291 |
| Toluene | ND | | 0.5 | | ug/L | 8020 | 10/25/1995 | | 3291 |
| Ethylbenzene | ND | | 0.5 | | ug/L | 8020 | 10/25/1995 | | 3291 |
| Xylenes (Total) | ND | | 0.5 | | ug/L | 8020 | 10/25/1995 | | 3291 |
| Methyl-tert-butyl ether | 450 | FC/C | 20 | | ug/L | 8020 | 10/26/1995 | | 3291 |
| SURROGATE RESULTS | | | | | | | | | |
| Bromofluorobenzene (SURR) | 100 | | | | % Rec. | 8020 | 10/25/1995 | | 3291 |

C : Positive result confirmed by secondary column or GC/MS analysis.
FC : Compound quantitated at a 10X dilution factor.

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-14

Date Taken: 10/17/1995

Time Taken: 10:12

NET Sample No: 253955

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell-MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/25/1995 | 3291 |
| Purgeable TPH | 1,200 | | 50 | ug/L | 8015 | | 10/25/1995 | 3291 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/25/1995 | 3291 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/25/1995 | 3291 |
| Benzene | 37 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Ethylbenzene | 7.8 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Xylenes (Total) | 11 | | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| Methyl-tert-butyl ether | 210 | C | 0.5 | ug/L | 8020 | | 10/25/1995 | 3291 |
| SURROGATE RESULTS | -- | | | | | | 10/25/1995 | 3291 |
| Bromofluorobenzene (SURR) | 92 | | | % Rec. | 8020 | | 10/25/1995 | 3291 |

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-15
Date Taken: 10/17/1995
Time Taken: 09:10
NET Sample No: 253956

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/26/1995 | 3293 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/26/1995 | 3293 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/26/1995 | 3293 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/26/1995 | 3293 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 2 | ug/L | 8020 | | 10/26/1995 | 3293 |
| SURROGATE RESULTS | -- | | | | | | 10/26/1995 | 3293 |
| Bromofluorobenzene (SURR) | 107 | | | µ Rec. | 8020 | | 10/26/1995 | 3293 |

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: 95.04111

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Ref: Shell 15275 Washington, San Leandro, CA/951017-A1

SAMPLE DESCRIPTION: S-16
Date Taken: 10/17/1995
Time Taken: 11:55
NET Sample No: 253957

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/26/1995 | 3293 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/26/1995 | 3293 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/26/1995 | 3293 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | 4.6 | C | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 2 | ug/L | 8020 | | 10/26/1995 | 3293 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 100 | | | % Rec. | 8020 | | 10/26/1995 | 3293 |

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.



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SAMPLE DESCRIPTION: S-17

Date Taken: 10/17/1995

Time Taken: 11:15

NET Sample No: 253958

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/26/1995 | 3293 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/26/1995 | 3293 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/26/1995 | 3293 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 2 | ug/L | 8020 | | 10/26/1995 | 3293 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 96 | | | % Rec. | 8020 | | 10/26/1995 | 3293 |

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



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SAMPLE DESCRIPTION: S-18

Date Taken: 10/17/1995

Time Taken: 10:58

NET Sample No: 253959

| Parameter | Results | Flags | Reporting | | Units | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--|--------|--------|------------|----------|---------------------|
| | | | Limit | | | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/26/1995 | | 3293 |
| Purgeable TPH | ND | | 50 | | ug/L | 8015 | 10/26/1995 | | 3293 |
| Carbon Range: C6 to C12 | -- | | | | | 8015 | 10/26/1995 | | 3293 |
| METHOD 8020 (GC, Liquid) | -- | | | | | 8020 | 10/26/1995 | | 3293 |
| Benzene | ND | | 0.5 | | ug/L | 8020 | 10/26/1995 | | 3293 |
| Toluene | ND | | 0.5 | | ug/L | 8020 | 10/26/1995 | | 3293 |
| Ethylbenzene | ND | | 0.5 | | ug/L | 8020 | 10/26/1995 | | 3293 |
| Xylenes (Total) | ND | | 0.5 | | ug/L | 8020 | 10/26/1995 | | 3293 |
| Methyl-tert-butyl ether | ND | | 2 | | ug/L | 8020 | 10/26/1995 | | 3293 |
| SURROGATE RESULTS | -- | | | | | | 10/26/1995 | | 3293 |
| Bromofluorobenzene (SURR) | 99 | | | | * Rec. | 8020 | 10/26/1995 | | 3293 |

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



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SAMPLE DESCRIPTION: SR1
Date Taken: 10/17/1995
Time Taken: 13:45
NET Sample No: 253960

| Parameter | Results | Flags | Reporting Limit | Units | Method | Date Extracted | Date Analyzed | Run Batch No. |
|-------------------------------|---------|-------|-----------------|--------|--------|----------------|---------------|---------------|
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 10 | | | | | | 10/26/1995 | 3293 |
| Purgeable TPH | 9,700 | | 500 | ug/L | 8015 | | 10/26/1995 | 3293 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/26/1995 | 3293 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | 310 | | 5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Toluene | 12 | | 5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Ethylbenzene | 610 | FE | 25 | ug/L | 8020 | | 10/28/1995 | 3298 |
| Xylenes (Total) | 1,200 | | 5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 20 | ug/L | 8020 | | 10/26/1995 | 3293 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 108 | | | % Rec. | 8020 | | 10/26/1995 | 3293 |

FE : Compound quantitated at a 50X dilution factor.

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



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SAMPLE DESCRIPTION: BB
Date Taken: 10/17/1995
Time Taken: 11:00
NET Sample No: 253961

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|-----------|
| | | | Limit | Units | | Extracted | Analyzed | Batch No. |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/26/1995 | 3293 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/26/1995 | 3293 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/26/1995 | 3293 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/26/1995 | 3293 |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 2 | ug/L | 8020 | | 10/26/1995 | 3293 |
| SURROGATE RESULTS | -- | | | | | | 10/26/1995 | 3293 |
| Bromofluorobenzene (SURR) | 98 | | | % Rec. | 8020 | | 10/26/1995 | 3293 |

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: 95.04111

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SAMPLE DESCRIPTION: DUP

Date Taken: 10/17/1995

Time Taken:

NET Sample No: 253962

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|-----------|
| | | | Limit | Units | | Extracted | Analyzed | Batch No. |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 10 | | | | | | 10/26/1995 | 3293 |
| Purgeable TPH | 8,300 | | 500 | ug/L | 8015 | | 10/26/1995 | 3293 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/26/1995 | 3293 |
| METHOD 8020 (GC, Liquid) | -- | | | | 8020 | | 10/26/1995 | 3293 |
| Benzene | 230 | | 5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Toluene | 9.6 | | 5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Ethylbenzene | 680 | FE | 25 | ug/L | 8020 | | 10/28/1995 | 3298 |
| Xylenes (Total) | 840 | | 5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 20 | ug/L | 8020 | | 10/26/1995 | 3293 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 105 | | | % Rec. | 8020 | | 10/26/1995 | 3293 |

FE : Compound quantitated at a 50X dilution factor.

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



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SAMPLE DESCRIPTION: TB

Date Taken: 10/17/1995

Time Taken:

NET Sample No: 253963

| Parameter | Results | Flags | Reporting | | Method | Date | Date | Run Batch No. |
|-------------------------------|---------|-------|-----------|--------|--------|-----------|------------|---------------------|
| | | | Limit | Units | | Extracted | Analyzed | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | |
| DILUTION FACTOR* | 1 | | | | | | 10/26/1995 | 3293 |
| Purgeable TPH | ND | | 50 | ug/L | 8015 | | 10/26/1995 | 3293 |
| Carbon Range: C6 to C12 | -- | | | | 8015 | | 10/26/1995 | 3293 |
| METHOD 8020 (GC, Liquid) | | | | | | | | |
| Benzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Toluene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Ethylbenzene | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Xylenes (Total) | ND | | 0.5 | ug/L | 8020 | | 10/26/1995 | 3293 |
| Methyl-tert-butyl ether | ND | | 2 | ug/L | 8020 | | 10/26/1995 | 3293 |
| SURROGATE RESULTS | | | | | | | | |
| Bromofluorobenzene (SURR) | 104 | | | % Rec. | 8020 | | 10/26/1995 | 3293 |

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



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CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

| Parameter | CCV | CCV | CCV | Units | Date Analyzed | Analyst Initials | Run Batch Number |
|-------------------------------|-----------------|-----------------|-----------------|--------|---------------|------------------|------------------|
| | Standard Amount | Standard Amount | Standard Amount | | | | |
| | % Recovery | Found | Expected | | | | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | |
| Purgeable TPH | 106.0 | 0.53 | 0.50 | mg/L | 10/25/1995 | aal | 3291 |
| Benzene | 104.4 | 5.22 | 5.00 | ug/L | 10/25/1995 | aal | 3291 |
| Toluene | 101.8 | 5.09 | 5.00 | ug/L | 10/25/1995 | aal | 3291 |
| Ethylbenzene | 104.0 | 5.20 | 5.00 | ug/L | 10/25/1995 | aal | 3291 |
| Xylenes (Total) | 104.0 | 15.6 | 15.0 | ug/L | 10/25/1995 | aal | 3291 |
| Bromofluorobenzene (SURR) | 100.0 | 100 | 100 | % Rec. | 10/25/1995 | aal | 3291 |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | |
| Purgeable TPH | 104.0 | 0.52 | 0.50 | mg/L | 10/26/1995 | dld | 3293 |
| Benzene | 108.0 | 5.40 | 5.00 | ug/L | 10/26/1995 | dld | 3293 |
| Toluene | 104.8 | 5.24 | 5.00 | ug/L | 10/26/1995 | dld | 3293 |
| Ethylbenzene | 106.6 | 5.33 | 5.00 | ug/L | 10/26/1995 | dld | 3293 |
| Xylenes (Total) | 108.3 | 16.24 | 15.0 | ug/L | 10/26/1995 | dld | 3293 |
| Bromofluorobenzene (SURR) | 106.0 | 106 | 100 | % Rec. | 10/26/1995 | dld | 3293 |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | |
| Purgeable TPH | 96.0 | 0.48 | 0.50 | mg/L | 10/27/1995 | dat3 | 3298 |
| Benzene | 98.8 | 4.94 | 5.00 | ug/L | 10/27/1995 | dat3 | 3298 |
| Toluene | 98.2 | 4.91 | 5.00 | ug/L | 10/27/1995 | dat3 | 3298 |
| Ethylbenzene | 98.6 | 4.93 | 5.00 | ug/L | 10/27/1995 | dat3 | 3298 |
| Xylenes (Total) | 101.3 | 15.2 | 15.0 | ug/L | 10/27/1995 | dat3 | 3298 |
| Bromofluorobenzene (SURR) | 98.0 | 98 | 100 | % Rec. | 10/27/1995 | dat3 | 3298 |

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 | Reporting | Units | Date | Analyst | Run |
|-------------------------------|--------|-----------|--------|------------|----------|--------|
| | Blank | | | | | |
| | Amount | Limit | | Analyzed | Initials | Number |
| | Found | | | | | |
| METHOD 5030/8015-M Shell+MTBE | | | | | | |
| Purgeable TPH | ND | 0.05 | mg/L | 10/25/1995 | aal | 3291 |
| Benzene | ND | 0.5 | ug/L | 10/25/1995 | aal | 3291 |
| Toluene | ND | 0.5 | ug/L | 10/25/1995 | aal | 3291 |
| Ethylbenzene | ND | 0.5 | ug/L | 10/25/1995 | aal | 3291 |
| Xylenes (Total) | ND | 0.5 | ug/L | 10/25/1995 | aal | 3291 |
| Methyl-tert-butyl ether | ND | 0.5 | ug/L | 10/25/1995 | aal | 3291 |
| Bromofluorobenzene (SURR) | 107 | | % Rec. | 10/25/1995 | aal | 3291 |
| METHOD 5030/8015-M Shell+MTBE | | | | | | |
| Purgeable TPH | ND | 0.05 | mg/L | 10/26/1995 | aal | 3293 |
| Benzene | ND | 0.5 | ug/L | 10/26/1995 | aal | 3293 |
| Toluene | ND | 0.5 | ug/L | 10/26/1995 | aal | 3293 |
| Ethylbenzene | ND | 0.5 | ug/L | 10/26/1995 | aal | 3293 |
| Xylenes (Total) | ND | 0.5 | ug/L | 10/26/1995 | aal | 3293 |
| Methyl-tert-butyl ether | ND | 2 | ug/L | 10/26/1995 | aal | 3293 |
| Bromofluorobenzene (SURR) | 109 | | % Rec. | 10/26/1995 | aal | 3293 |
| METHOD 5030/8015-M Shell+MTBE | | | | | | |
| Purgeable TPH | ND | 0.05 | mg/L | 10/27/1995 | dat3 | 3298 |
| Benzene | ND | 0.5 | ug/L | 10/27/1995 | dat3 | 3298 |
| Toluene | ND | 0.5 | ug/L | 10/27/1995 | dat3 | 3298 |
| Ethylbenzene | ND | 0.5 | ug/L | 10/27/1995 | dat3 | 3298 |
| Xylenes (Total) | ND | 0.5 | ug/L | 10/27/1995 | dat3 | 3298 |
| Methyl-tert-butyl ether | ND | 2 | ug/L | 10/27/1995 | dat3 | 3298 |
| Bromofluorobenzene (SURR) | 104 | | % Rec. | 10/27/1995 | dat3 | 3298 |

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+MTBE | | | | | | | | | | | 253945 |
| Purgeable TPH | 100.0 | 100.0 | 0.0 | 0.5 | 0.06 | 0.56 | 0.56 | mg/L | 10/25/1995 | 3291 | 253945 |
| Benzene | 97.8 | 99.3 | 1.5 | 5.39 | 2.6 | 7.87 | 7.95 | ug/L | 10/25/1995 | 3291 | 253945 |
| Toluene | 96.7 | 99.7 | 3.1 | 30.2 | ND | 29.2 | 30.1 | ug/L | 10/25/1995 | 3291 | 253945 |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | | | | 253956 |
| Purgeable TPH | 96.0 | 98.0 | 2.1 | 0.50 | ND | 0.48 | 0.49 | mg/L | 10/26/1995 | 3293 | 253956 |
| Benzene | 101.8 | 100.0 | 1.8 | 5.5 | ND | 5.6 | 5.5 | ug/L | 10/26/1995 | 3293 | 253956 |
| Toluene | 97.2 | 96.8 | 0.4 | 28.4 | ND | 27.6 | 27.5 | ug/L | 10/26/1995 | 3293 | 253956 |
| METHOD 5030/8015-M Shell+MTBE | | | | | | | | | | | 254116 |
| Purgeable TPH | 140.0 | 120.0 | 15.4 | 0.5 | 1.2 | 1.9 | 1.8 | mg/L | 10/27/1995 | 3298 | 254116 |
| Benzene | 95.2 | 95.2 | 0.0 | 8.4 | 22 | 30.0 | 30.0 | ug/L | 10/27/1995 | 3298 | 254116 |
| Toluene | 94.7 | 94.7 | 0.0 | 28.1 | 8.4 | 35.0 | 35.0 | ug/L | 10/27/1995 | 3298 | 254116 |

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: 951017-A1 Log No: 8942
Cooler received on: 10/19/95 and checked on 10/19/95 by [Signature]
(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

TEMP: 0°C

Note which voas (if any) had bubbles:*

| Sample descriptor: | Number of vials: |
|--------------------|------------------|
| <u>5-9</u> | <u>1</u> |
| <u>5-13</u> | <u>3</u> |
| <u>5-17</u> | <u>1</u> |
| <u>SR1</u> | <u>2</u> |
| <u>DUP</u> | <u>3</u> |
| <u>TB</u> | <u>1</u> |
| | |
| | |
| | |
| | |

*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)