

C A M B R I A

ENVIRONMENTAL  
PROTECTION

March 17, 2000

Barney Chan  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

COMER 27 AM 10:46

Re: **Fourth Quarter 1999 Monitoring Report**  
Shell-branded Service Station  
4411 Foothill Boulevard  
Oakland, California  
Incident #98995746  
Cambria Project #242-0897-002

#13



Dear Mr. Chan:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

#### FOURTH QUARTER 1999 ACTIVITIES

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all on-site wells and wells associated with the adjacent Chevron site. Blaine calculated groundwater elevations and compiled the gasoline constituents analytical data. Cambria prepared a groundwater elevation contour map (Figure 1) and compiled the bioattenuation parameters data (Table 1). The Blaine report, presenting the laboratory report and supporting field documents, is included as Attachment A.

**Work Plan Submittal:** Cambria's *Letter Response and Work Plan* dated December 13, 1999 was submitted in response to the Alameda County Health Care Services Agency letter dated November 10, 1999.

Oakland, CA  
Sonoma, CA  
Portland, OR  
Seattle, WA

**Cambria  
Environmental  
Technology, Inc.**

1144 65th Street  
Suite B  
Oakland, CA 94608  
Tel (510) 420-0700  
Fax (510) 420-9170

Should sample GW from BWA  
analyze for TPH etal + D.O.

**ANTICIPATED FIRST QUARTER 2000 ACTIVITIES**

**Groundwater Monitoring:** Blaine will gauge and sample all wells and tabulate the data. Cambria will prepare a monitoring report.

**Work Plan Implementation:** Cambria conducted the soil investigation and installation of groundwater monitoring well S-4 (Figure 1) on January 7, 2000. Investigation results and sensitive receptor survey information will be presented in a forthcoming report.



**CLOSING**

We appreciate the opportunity to work with you on this project. Please call Darryk Ataide at (510) 420-3339 if you have any questions or comments.

Sincerely,

**Cambria Environmental Technology, Inc**

Darryk Ataide, REA I  
Project Manager

Ailsa S. Le May, R.G.  
Senior Geologist



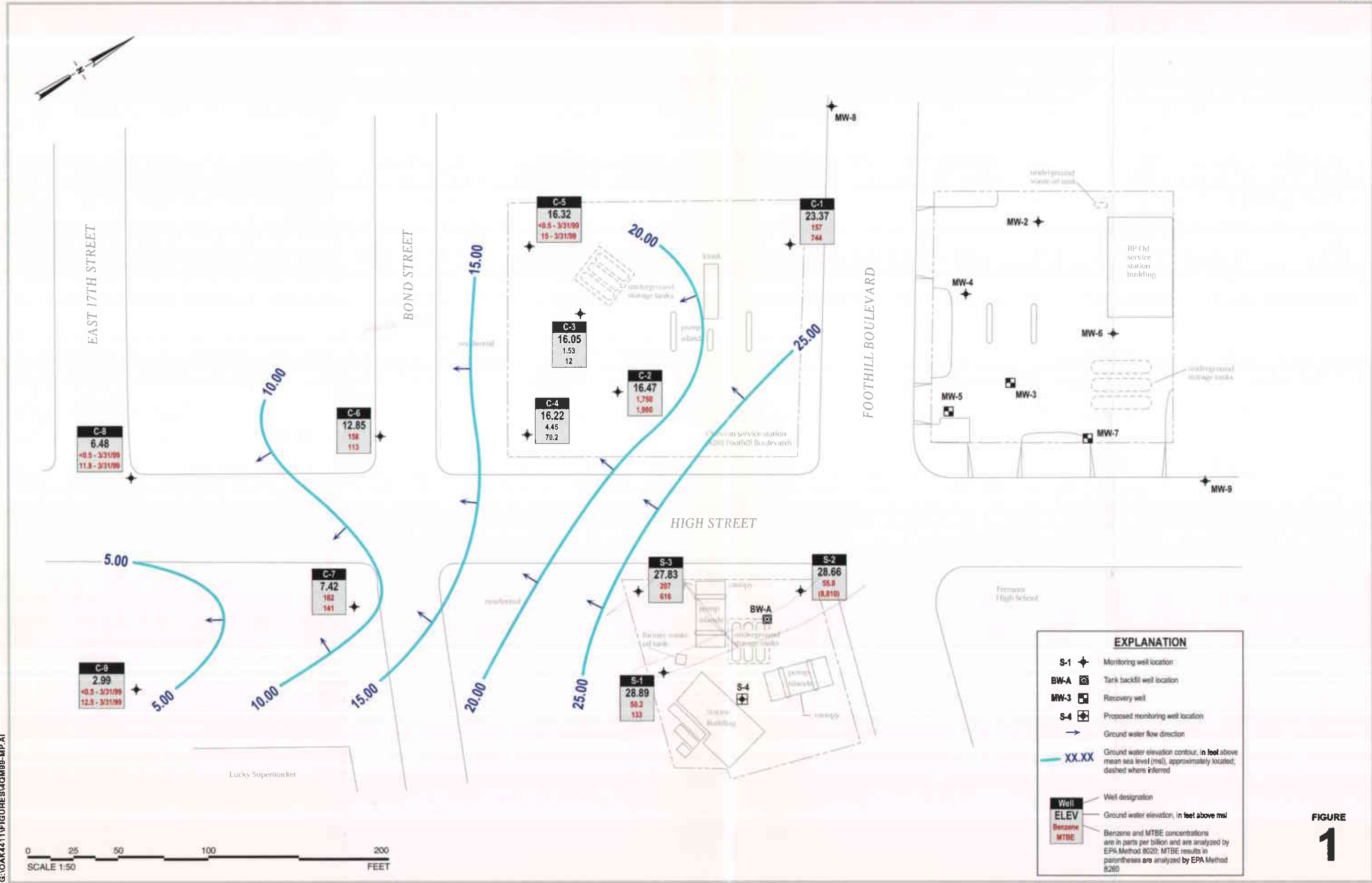
Figure: 1 - Groundwater Elevation Contour Map  
Table: 1 - Groundwater Analytical Data - Bioattenuation Parameters  
Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91501-7869  
Walter G. & Jeanette P Watters 101 Jasmine Creek Dr., Corona Del Mar, CA 92665  
J.T. & Elizabeth G. Watters, 600 Caldwell Road, Oakland, CA 94611

g:\oak4411\qm\4q99qm.doc



G:\OAK4411\FIGURES\40MB9-MP-A1



**EXPLANATION**

- S-1 + Monitoring well location
- BW-A [ ] Tank backfill well location
- MW-3 [ ] Recovery well
- S-4 [ ] Proposed monitoring well location
- Ground water flow direction
- XX.XX Ground water elevation contour, in feet above mean sea level (msl), approximately located; dashed where inferred

| Well | ELEV | Benzene | MTBE |
|------|------|---------|------|
| [ ]  |      |         |      |

Well designation  
Ground water elevation, in feet above msl  
Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020; MTBE results in parentheses are analyzed by EPA Method 8260

FIGURE 1

**Table 1. Ground Water Analytical Data - Bioattenuation Parameters - Shell-branded Service Station Incident #98995746, 4411 Foothill Boulevard, Oakland, California**

| Well ID         | Date            | Depth to Water (feet) | TPHg (ppb)       | Motor Oil                             | Ferrous Iron    | Nitrate as Nitrate | Sulfate          | DO               | ORP             | Notes     |
|-----------------|-----------------|-----------------------|------------------|---------------------------------------|-----------------|--------------------|------------------|------------------|-----------------|-----------|
|                 |                 |                       |                  | ←————— (Concentrations in ppm) —————→ |                 |                    |                  |                  |                 |           |
| S-1             | 03/16/98        | 6.00                  | 26,000           | ---                                   | 1.9             | <1.0               | <1.0             | 5.3/3.7          | 158/155         |           |
|                 | 06/23/98        | 6.31                  | <1,000           | ---                                   | 2.0             | <1.0               | 5.9              | 3.8/2.4          | 117/94          |           |
|                 | 09/01/98        | 9.17                  | 26,000           | ---                                   | 4.5             | <1.0               | 12               | 1.4/2.6          | -85/-51         |           |
|                 | 12/30/98        | 8.99                  | 29,900           | 0.334                                 | 4.1             | <1.0               | 6.2              | 1.6/2.0          | -25/-62         |           |
|                 | 03/30/99        | 6.10                  | 14,200           | 0.279                                 | 0.880           | 0.115              | 6.10             | 1.2/1.8          | -56/-39         |           |
|                 | 06/14/99        | 7.94                  | 20,200           | ---                                   | 1.30            | <1.00              | 5.70             | 1.4/2.1          | -72/-24         |           |
|                 | 09/30/99        | 10.04                 | 18,300           | <0.500                                | 1.20            | 5.41               | <5.00            | 4.3/2.0          | -350/-70        |           |
|                 | <b>12/22/99</b> | <b>9.42</b>           | <b>2,450</b>     | <b>&lt;0.500</b>                      | <b>0.0670</b>   | <b>&lt;1.00</b>    | <b>12.1</b>      | <b>1.80/2.30</b> | <b>-49/-142</b> |           |
| S-2             | 03/16/98        | 7.97                  | 1,100            | ---                                   | 1.7             | <1.0               | 17               | 7.0/4.3          | 147/149         |           |
|                 | 06/23/98        | 8.20                  | 720              | ---                                   | 4.3             | <1.0               | 5.7              | 4.2/3.8          | 128/134         |           |
|                 | 06/23/98        | 8.20                  | 810              | ---                                   | 3.7             | <1.0               | 5.4              | 4.2/3.8          | 128/134         | duplicate |
|                 | 09/01/98        | 9.85                  | <2,000           | ---                                   | 4.1             | <1.0               | 7.8              | 1.9/1.6          | -26/-11         |           |
|                 | 12/30/98        | 9.84                  | <5,000           | ---                                   | 1.9             | <1.0               | 10               | 2.0/1.8          | -54/-36         |           |
|                 | 03/30/99        | 8.41                  | <2,000           | ---                                   | <0.100          | <0.100             | 8.51             | 2.1/1.8          | -10/-08         |           |
|                 | 06/14/99        | 9.80                  | <1,000           | ---                                   | 1.40            | <1.00              | 5.20             | 2.4/2.1          | -121/-113       |           |
|                 | 09/30/99        | 10.58                 | 678              | <0.500                                | 0.260           | 5.36               | 14.0             | 5.1/4.8          | -172/-42        |           |
| <b>12/22/99</b> | <b>10.13</b>    | <b>316</b>            | <b>&lt;0.500</b> | <b>0.0540</b>                         | <b>&lt;1.00</b> | <b>24.3</b>        | <b>9.60/5.20</b> | <b>-90/-46</b>   |                 |           |
| S-3             | 03/16/98        | 5.75                  | 29,000           | ---                                   | 3.8             | <1.0               | 12               | 3.0/3.4          | 153/142         |           |
|                 | 06/23/98        | 5.98                  | 3,800            | ---                                   | 2.0             | <1.0               | 8.9              | 4.2/2.0          | 119/121         |           |
|                 | 09/01/98        | 8.98                  | 9,600            | ---                                   | 2.7             | <1.0               | 7.3              | 1.9/2.8          | 57/35           |           |
|                 | 09/01/98        | 8.98                  | 9,200            | ---                                   | 2.2             | <1.0               | 7.2              | 1.9/2.8          | 57/35           | duplicate |
|                 | 12/30/98        | 9.11                  | 7,660            | ---                                   | 5.2             | <1.0               | 5.9              | 1.8/1.6          | 75/54           |           |
|                 | 03/30/99        | 6.95                  | 2,070            | ---                                   | <0.100          | 0.689              | 17.5             | 1.3/1.5          | 72/61           |           |
|                 | 06/14/99        | 8.85                  | 1,250            | ---                                   | 4.10            | <1.00              | 15.0             | 1.6/1.2          | -118/-108       |           |
|                 | 09/30/99        | 9.66                  | 8,270            | <0.500                                | 0.440           | 5.89               | 7.69             | 3.5/2.8          | -140/-70        |           |
| <b>12/22/99</b> | <b>9.50</b>     | <b>9,530</b>          | <b>&lt;0.500</b> | <b>1.30</b>                           | <b>&lt;1.00</b> | <b>5.65</b>        | <b>0.98/0.80</b> | <b>16/-57</b>    |                 |           |

**Table 1. Ground Water Analytical Data - Bioattenuation Parameters - Shell-branded Service Station Incident #98995746, 4411 Foothill Boulevard, Oakland, California**

| Well ID                                 | Date | Depth to Water (feet) | TPHg (ppb) | Motor Oil    | Ferrous Iron | Nitrate as Nitrate (Concentrations in ppm) | Sulfate            | DO           | ORP (millivolts) | Notes |
|---|------|-----------------------|------------|--------------|--------------|--|--------------------|--------------|------------------|-------|
|   |      |                       |            | ←            |              | →  |                    |              |                  |       |
| Ideal Aerobic Degradation Relationship: |      |                       |            | Direct       | Inverse      | Inverse                                    | Inverse            | Direct       |                  |       |
| Observed Relationship:                  |      |                       |            | Inconclusive | Inconclusive | Moderately inverse                         | Moderately inverse | Inconclusive |                  |       |

**Abbreviations and Notes:**

- TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
- Motor Oil = Extractable hydrocarbons as motor oil by modified EPA Method 8015
- DO = Dissolved oxygen (pre-purge / post-purge)
- ORP = Oxidation reduction potential (pre-purge / post-purge)
- ppb = Parts per billion
- ppm = Parts per million
- <n = Below detection limit of n units
- Ferrous iron by modified EPA Method 200.7
- Nitrate as nitrate and sulfate by EPA Method 300.0

**ATTACHMENT A**

Blaine Groundwater Monitoring Report  
and Field Notes

**BLAINE**  
TECH SERVICES INC.



1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105  
(408) 573-7771 FAX  
(408) 573-0555 PHONE

January 26, 2000

Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, CA 91510-7869

Fourth Quarter 1999 Groundwater Monitoring at  
Shell-branded Service Station  
4411 Foothill Boulevard  
Oakland, CA

Monitoring performed on December 22, 1999

---

### Groundwater Monitoring Report 991222-M-2

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

A handwritten signature in black ink, appearing to read "Deidre Kerwin", with a long horizontal flourish extending to the right.

Deidre Kerwin  
Operations Manager

DK/jt

attachments: Cumulative Table of WELL CONCENTRATIONS  
Certified Analytical Report  
Field Data Sheets

cc: Anni Kreml  
Cambria Environmental Technology, Inc.  
1144 65<sup>th</sup> Street, Ste. C  
Oakland, CA 94608-2411



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**  
**Wic #204-5508-3400**

| Well ID | Date | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | TOB<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | DO<br>Reading<br>(ppm) |
|---------|------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|------------------------|
|---------|------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|------------------------|

|          |            |        |        |       |       |       |        |       |       |       |       |       |         |
|----------|------------|--------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|---------|
| S-1      | 12/18/1992 | 41,000 | NA     | 3,100 | 1,100 | 1,200 | 8,700  | NA    | NA    | 38.31 | 9.06  | NA    | NA      |
| S-1      | 05/26/1993 | 39,000 | 6,000  | 1,300 | 4,700 | 1,500 | 7,800  | NA    | NA    | 38.31 | NA    | NA    | NA      |
| S-1      | 05/28/1993 | NA     | NA     | NA    | NA    | NA    | NA     | NA    | NA    | 38.31 | 12.13 | 26.18 | NA      |
| S-1      | 06/03/1993 | NA     | NA     | NA    | NA    | NA    | NA     | NA    | NA    | 38.31 | 8.89  | 29.42 | NA      |
| S-1      | 06/08/1993 | NA     | NA     | NA    | NA    | NA    | NA     | NA    | NA    | 38.31 | 8.80  | 29.51 | NA      |
| S-1      | 09/21/1993 | 34,000 | 5,900  | 480   | 5,000 | 3,800 | 18,000 | NA    | NA    | 38.31 | 10.40 | 27.91 | NA      |
| S-1      | 12/14/1993 | 25,000 | 13,000 | 1,100 | 5,000 | 2,200 | 11,000 | NA    | NA    | 38.31 | 9.66  | 28.65 | NA      |
| S-1      | 03/17/1994 | 57,000 | 1,600  | 1,300 | 5,400 | 2,100 | 11,000 | NA    | NA    | 38.31 | 8.20  | 30.11 | NA      |
| S-1      | 06/16/1994 | 57,000 | 3,000  | 1,600 | 6,000 | 2,000 | 13,000 | NA    | NA    | 38.31 | 9.41  | 28.90 | NA      |
| S-1      | 09/22/1994 | 39,000 | ND     | 1,300 | 2,100 | 1,500 | 7,100  | NA    | NA    | 38.31 | 11.13 | 27.18 | NA      |
| S-1 a    | 12/15/1994 | 30,000 | 3,100  | 1,100 | 4,700 | 1,600 | 10,000 | NA    | NA    | 38.31 | 7.15  | 31.16 | NA      |
| S-1 a, b | 03/30/1995 | 30,000 | 3,100  | 1,400 | 4,000 | 1,500 | 11,000 | NA    | NA    | 38.31 | 6.09  | 32.22 | NA      |
| S-1      | 06/20/1995 | 28,000 | 2,100  | 1,100 | 2,300 | 1,100 | 8,300  | NA    | NA    | 38.31 | 7.30  | 31.01 | NA      |
| S-1      | 09/20/1995 | 40,000 | 2,600  | 840   | 3,600 | 1,300 | 8,600  | NA    | NA    | 38.31 | 10.02 | 28.29 | NA      |
| S-1 a    | 12/06/1995 | 38,000 | 6,400  | 920   | 3,200 | 1,500 | 9,400  | NA    | NA    | 38.31 | 11.64 | 26.67 | NA      |
| S-1      | 03/21/1996 | 48,000 | NA     | 700   | 4,200 | 1,100 | 8,600  | NA    | NA    | 38.31 | 6.87  | 31.44 | NA      |
| S-1      | 09/06/1996 | 41,000 | 4,100  | 830   | 2,600 | 2,100 | 12,000 | <250  | NA    | 38.31 | 10.50 | 27.81 | NA      |
| S-1      | 12/19/1996 | 40,000 | 2,500  | 540   | 3,100 | 1,900 | 9,800  | 920   | NA    | 38.31 | 8.24  | 30.07 | NA      |
| S-1      | 03/17/1997 | 42,000 | 4,700  | 610   | 2,700 | 1,700 | 11,000 | 3,500 | NA    | 38.31 | 7.26  | 31.05 | NA      |
| S-1      | 06/11/1997 | 28,000 | 4,000  | 540   | 960   | 1,300 | 5,300  | 220   | NA    | 38.31 | 10.69 | 27.62 | NA      |
| S-1 (D)  | 06/11/1997 | 30,000 | 3,900  | 580   | 1,000 | 1,400 | 5,400  | <125  | NA    | 38.31 | 10.69 | 27.62 | NA      |
| S-1      | 09/17/1997 | 27,000 | 4,400  | 310   | 1,200 | 1,900 | 9,000  | 170   | NA    | 38.31 | 10.26 | 28.05 | NA      |
| S-1 (D)  | 09/17/1997 | 27,000 | 4,400  | 270   | 1,200 | 1,900 | 9,000  | 170   | NA    | 38.31 | 10.26 | 28.05 | NA      |
| S-1      | 12/11/1997 | 21,000 | 3,400  | 350   | 820   | 1,500 | 6,500  | <125  | NA    | 38.31 | 6.96  | 31.35 | NA      |
| S-1      | 03/16/1998 | 25,000 | 2,500  | 250   | 820   | 670   | 5,000  | <125  | NA    | 38.31 | 6.00  | 32.31 | NA      |
| S-1 (D)  | 03/16/1998 | 26,000 | NA     | 250   | 840   | 720   | 5,100  | <125  | NA    | 38.31 | 6.00  | 32.31 | 5.3/3.7 |
| S-1      | 06/23/1998 | <1,000 | 230    | 280   | 14    | 23    | 15     | 6,100 | 7,800 | 38.31 | 6.31  | 32.00 | 3.8/2.4 |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**  
**Wic #204-5508-3400**

| Well ID | Date       | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | TOB<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|------------------------|
| S-1     | 09/01/1998 | 26,000         | 2,300          | 370         | 620         | 1,300       | 33          | 1,400                  | 120                    | 38.31        | 9.17                       | 29.14                    | 1.4/2.6                |
| S-1     | 12/30/1998 | 29,900         | 1,970          | 174         | 732         | 1,680       | 5,740       | 182                    | NA                     | 38.31        | 8.99                       | 29.32                    | 1.6/2.0                |
| S-1     | 03/30/1999 | 14,200         | 1,150          | 1,360       | 260         | 1,070       | 3,580       | <500                   | 90.0                   | 38.31        | 6.10                       | 32.21                    | 1.2/1.8                |
| S-1     | 03/31/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 38.31        | 7.84                       | 30.47                    | NA                     |
| S-1     | 06/14/1999 | 20,200         | 4,280          | 135         | 407         | 825         | 5,000       | 705                    | NA                     | 38.31        | 7.94                       | 30.37                    | 1.4/2.1                |
| S-1     | 09/30/1999 | 18,300         | 3,120          | 189         | 531         | 1,250       | 4,740       | 322                    | NA                     | 38.31        | 10.04                      | 28.27                    | 4.3/2.0                |
| S-1     | 12/22/1999 | 2,450          | 444a           | 50.2        | 97.5        | 139         | 458         | 133                    | NA                     | 38.31        | 9.42                       | 28.89                    | 1.8/2.3                |
| S-2     | 05/28/1993 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 38.79        | 9.51                       | 29.28                    | NA                     |
| S-2     | 06/03/1993 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 38.79        | 9.51                       | 29.28                    | NA                     |
| S-2     | 06/08/1993 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 38.79        | 9.57                       | 29.22                    | NA                     |
| S-2     | 06/29/1993 | 1,300          | NA             | 290         | 35          | 38          | 130         | NA                     | NA                     | 38.79        | NA                         | NA                       | NA                     |
| S-2     | 09/21/1993 | 3,300          | NA             | 870         | 24          | 190         | 120         | NA                     | NA                     | 38.79        | 10.54                      | 28.25                    | NA                     |
| S-2     | 12/14/1993 | 1,300          | NA             | 400         | 16          | 36          | 27          | NA                     | NA                     | 38.79        | 9.76                       | 29.03                    | NA                     |
| S-2     | 03/17/1994 | 4,500          | NA             | 610         | 27          | 92          | 110         | NA                     | NA                     | 38.79        | 9.92                       | 28.87                    | NA                     |
| S-2 (D) | 03/17/1994 | 4,000          | NA             | 610         | 26          | 93          | 120         | NA                     | NA                     | 38.79        | 9.92                       | 28.87                    | NA                     |
| S-2     | 06/16/1994 | 2,800          | NA             | 690         | 45          | 97          | 140         | NA                     | NA                     | 38.79        | 10.11                      | 28.68                    | NA                     |
| S-2     | 09/22/1994 | 4,000          | NA             | 630         | 94          | 64          | 230         | NA                     | NA                     | 38.79        | 10.51                      | 28.28                    | NA                     |
| S-2     | 12/15/1994 | 1,600          | NA             | 450         | 300         | 67          | 130         | NA                     | NA                     | 38.79        | 9.12                       | 29.67                    | NA                     |
| S-2 b   | 03/30/1995 | 8,200          | NA             | 2,800       | 190         | 240         | 700         | NA                     | NA                     | 38.79        | 7.86                       | 30.93                    | NA                     |
| S-2     | 06/20/1995 | 9,600          | NA             | 2,600       | 160         | 170         | 500         | NA                     | NA                     | 38.79        | 9.51                       | 29.28                    | NA                     |
| S-2     | 09/20/1995 | 4,200          | NA             | 920         | 45          | 98          | 140         | NA                     | NA                     | 38.79        | 10.06                      | 28.73                    | NA                     |
| S-2     | 12/06/1995 | <5,000         | NA             | 790         | 67          | 64          | 130         | NA                     | NA                     | 38.79        | 10.52                      | 28.27                    | NA                     |
| S-2     | 03/21/1996 | 3,700          | NA             | 850         | 45          | 96          | 170         | NA                     | NA                     | 38.79        | 8.60                       | 30.19                    | NA                     |
| S-2     | 09/06/1996 | 2,400          | NA             | 500         | 33          | 39          | 84          | 490                    | NA                     | 38.79        | 10.50                      | 28.29                    | NA                     |
| S-2     | 12/19/1996 | 1,200          | NA             | 330         | 15          | 24          | 31          | 430                    | NA                     | 38.79        | 9.40                       | 29.39                    | NA                     |
| S-2     | 03/17/1997 | 4,100          | NA             | 780         | 42          | 110         | 120         | 2,200                  | NA                     | 38.79        | 9.82                       | 28.97                    | NA                     |
| S-2     | 06/11/1997 | 760            | NA             | 120         | <5.0        | 7.0         | 7.6         | 900                    | NA                     | 38.79        | 10.18                      | 28.61                    | NA                     |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**  
**Wic #204-5508-3400**

| Well ID | Date | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | TOB<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | DO<br>Reading<br>(ppm) |
|---------|------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|------------------------|
|---------|------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|------------------------|

|         |            |        |      |      |       |       |      |        |         |       |       |       |         |
|---------|------------|--------|------|------|-------|-------|------|--------|---------|-------|-------|-------|---------|
| S-2     | 09/17/1997 | 1,500  | NA   | 230  | 8.6   | 40    | 27   | 480    | NA      | 38.79 | 9.90  | 28.89 | NA      |
| S-2     | 12/11/1997 | 1,300  | NA   | 240  | 15    | 33    | 57   | 280    | NA      | 38.79 | 8.27  | 30.52 | NA      |
| S-2     | 03/16/1998 | 1,100  | NA   | 830  | 48    | <10   | <10  | 4,700  | 4,800   | 38.79 | 7.97  | 30.82 | 7.0/4.3 |
| S-2     | 06/23/1998 | 720    | NA   | 46   | 6.8   | 50    | 68   | 50     | 8.8     | 38.79 | 8.20  | 30.59 | 4.2/3.8 |
| S-2 (D) | 06/23/1998 | 810    | NA   | 49   | 7.1   | 50    | 70   | 49     | 8.8     | 38.79 | 8.20  | 30.59 | 4.2/3.8 |
| S-2     | 09/01/1998 | <2,000 | NA   | 170  | <20   | <20   | <20  | 9,300  | 12,000  | 38.79 | 9.85  | 28.94 | 1.9/1.6 |
| S-2     | 12/30/1998 | <5,000 | NA   | 369  | <50   | <50   | <50  | 14,300 | NA      | 38.79 | 9.84  | 28.95 | 2.0/1.8 |
| S-2     | 03/30/1999 | <2,000 | NA   | 234  | <20.0 | 27.4  | 36.9 | 49,200 | 53,000  | 38.79 | 8.41  | 30.38 | 2.1/1.8 |
| S-2     | 03/31/1999 | NA     | NA   | NA   | NA    | NA    | NA   | NA     | NA      | 38.79 | 8.67  | 30.12 | NA      |
| S-2     | 06/14/1999 | <1,000 | NA   | 175  | <10.0 | <10.0 | 11.1 | 67,500 | NA      | 38.79 | 9.80  | 28.99 | NA      |
| S-2     | 09/30/1999 | 678    | 177a | 135  | 8.22  | 14.9  | 25.8 | 17,100 | 17,000c | 38.79 | 10.58 | 28.21 | 5.1/4.8 |
| S-2     | 12/22/1999 | 316    | 142a | 55.8 | 10.1  | 5.26  | 10.4 | 9,410  | 8,810   | 38.79 | 10.13 | 28.66 | 9.6/5.2 |

*Introducing  
D.O.*

|         |            |        |    |       |       |       |        |    |    |       |       |       |    |
|---------|------------|--------|----|-------|-------|-------|--------|----|----|-------|-------|-------|----|
| S-3     | 05/28/1993 | NA     | NA | NA    | NA    | NA    | NA     | NA | NA | 37.33 | 8.45  | 28.88 | NA |
| S-3     | 06/03/1993 | NA     | NA | NA    | NA    | NA    | NA     | NA | NA | 37.33 | 8.36  | 28.97 | NA |
| S-3     | 01/19/1900 | NA     | NA | NA    | NA    | NA    | NA     | NA | NA | 37.33 | 8.41  | 28.92 | NA |
| S-3     | 06/29/1993 | 29,000 | NA | 1,500 | 1,800 | 950   | 6,200  | NA | NA | 37.33 | NA    | NA    | NA |
| S-3     | 09/21/1993 | 15,000 | NA | 900   | 2,200 | 2,600 | 11,000 | NA | NA | 37.33 | 10.08 | 27.25 | NA |
| S-3     | 12/94/1993 | 20,000 | NA | 1,100 | 2,400 | 1,800 | 8,500  | NA | NA | 37.33 | 8.80  | 28.53 | NA |
| S-3     | 03/17/1994 | 14,000 | NA | 580   | 190   | 750   | 1,700  | NA | NA | 37.33 | 8.34  | 28.99 | NA |
| S-3     | 06/16/1994 | 20,000 | NA | 700   | 690   | 1,400 | 4,100  | NA | NA | 37.33 | 9.12  | 28.21 | NA |
| S-3 (D) | 06/16/1994 | 19,000 | NA | 680   | 560   | 1,300 | 3,700  | NA | NA | 37.33 | NA    | NA    | NA |
| S-3     | 09/22/1994 | 24,000 | NA | 630   | 1,100 | 1,400 | 5,700  | NA | NA | 37.33 | 10.27 | 27.06 | NA |
| S-3 (D) | 09/22/1994 | 25,000 | NA | 720   | 1,100 | 1,500 | 6,100  | NA | NA | 37.33 | NA    | NA    | NA |
| S-3     | 12/15/1994 | 18,000 | NA | 520   | 800   | 1,100 | 4,200  | NA | NA | 37.33 | 7.81  | 29.52 | NA |
| S-3 (D) | 12/15/1994 | 23,000 | NA | 1,000 | 1,900 | 2,000 | 8,600  | NA | NA | 37.33 | NA    | NA    | NA |
| S-3 b   | 03/30/1995 | 8,800  | NA | 360   | 730   | 700   | 3,700  | NA | NA | 37.33 | 7.06  | 30.27 | NA |
| S-3 (D) | 03/30/1995 | 7,600  | NA | 330   | 570   | 600   | 2,600  | NA | NA | 37.33 | NA    | NA    | NA |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**  
**Wic #204-5508-3400**

| Well ID | Date       | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | TOB<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|------------------------|
| S-3     | 06/20/1995 | 9,600          | NA             | 510         | 170         | 960         | 1,700       | NA                     | NA                     | 37.33        | 8.15                       | 29.18                    | NA                     |
| S-3 (D) | 06/20/1995 | 9,800          | NA             | 500         | 170         | 950         | 1,700       | NA                     | NA                     | 37.33        | NA                         | NA                       | NA                     |
| S-3     | 09/20/1995 | 21,000         | NA             | 400         | 560         | 1,300       | 4,600       | NA                     | NA                     | 37.33        | 9.32                       | 28.01                    | NA                     |
| S-3     | 12/06/1995 | 24,000         | NA             | 630         | 1,400       | 1,400       | 6,000       | NA                     | NA                     | 37.33        | 10.53                      | 26.80                    | NA                     |
| S-3 (D) | 12/06/1995 | 22,000         | NA             | 630         | 1,200       | 1,400       | 5,500       | NA                     | NA                     | 37.33        | NA                         | NA                       | NA                     |
| S-3     | 03/21/1996 | 9,100          | NA             | 290         | 110         | 490         | 1,600       | NA                     | NA                     | 37.33        | 7.32                       | 30.01                    | NA                     |
| S-3 (D) | 03/21/1996 | 11,000         | NA             | 310         | 250         | 540         | 2,100       | NA                     | NA                     | 37.33        | NA                         | NA                       | NA                     |
| S-3     | 09/06/1996 | 15,000         | NA             | 440         | 300         | 1,100       | 3,000       | 500                    | NA                     | 37.33        | 10.10                      | 27.23                    | NA                     |
| S-3 (D) | 09/06/1996 | 11,000         | NA             | 490         | 170         | 820         | 1,500       | 700                    | NA                     | 37.33        | NA                         | NA                       | NA                     |
| S-3     | 12/19/1996 | 12,000         | NA             | 600         | 380         | 850         | 2,500       | 380                    | NA                     | 37.33        | 8.36                       | 28.97                    | NA                     |
| S-3 (D) | 12/19/1996 | 12,000         | NA             | 590         | 380         | 830         | 2,500       | 540                    | NA                     | 37.33        | 8.36                       | 28.97                    | NA                     |
| S-3     | 03/17/1997 | 12,000         | NA             | 520         | 140         | 740         | 1,400       | 320                    | NA                     | 37.33        | 8.57                       | 28.76                    | NA                     |
| S-3 (D) | 03/17/1997 | 9,600          | NA             | 500         | 100         | 680         | 1,100       | <250                   | NA                     | 37.33        | 8.57                       | 28.76                    | NA                     |
| S-3     | 06/11/1997 | 9,600          | NA             | 510         | 94          | 740         | 1,100       | 410                    | NA                     | 37.33        | 9.26                       | 28.07                    | NA                     |
| S-3     | 09/17/1997 | 21,000         | NA             | 140         | 560         | 1,800       | 7,200       | 130                    | NA                     | 37.33        | 9.62                       | 27.71                    | NA                     |
| S-3     | 12/11/1997 | 24,000         | NA             | 530         | 970         | 1,600       | 6,900       | 950                    | NA                     | 37.33        | 7.34                       | 29.99                    | NA                     |
| S-3 (D) | 12/11/1997 | 29,000         | NA             | 520         | 1,000       | 1,600       | 7,300       | 970                    | NA                     | 37.33        | 7.34                       | 29.99                    | NA                     |
| S-3     | 03/16/1998 | 29,000         | NA             | 840         | 810         | 1,700       | 6,000       | <250                   | NA                     | 37.33        | 5.75                       | 31.58                    | 3.0/3.4                |
| S-3     | 06/23/1998 | 3,800          | NA             | 90          | 220         | 240         | 1,400       | <50                    | NA                     | 37.33        | 5.98                       | 31.35                    | 4.2/2.0                |
| S-3     | 09/01/1998 | 9,600          | NA             | 480         | 120         | 870         | 1,800       | 490                    | <50                    | 37.33        | 8.98                       | 28.35                    | 1.9/2.8                |
| S-3 (D) | 09/01/1998 | 9,200          | NA             | 420         | 110         | 800         | 1,700       | 110                    | <50                    | 37.33        | 8.98                       | 28.35                    | 1.9/2.8                |
| S-3     | 12/30/1998 | 7,660          | NA             | 240         | 103         | 410         | 834         | 64.9                   | NA                     | 37.33        | 9.11                       | 28.22                    | 1.8/1.6                |
| S-3     | 03/30/1999 | 2,070          | NA             | 195         | 10.0        | <5.00       | 48.6        | 354                    | 64.6                   | 37.33        | 6.95                       | 30.38                    | 1.3/1.5                |
| S-3     | 03/31/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 37.33        | 7.48                       | 29.85                    | NA                     |
| S-3     | 06/14/1999 | 1,250          | NA             | 37.4        | 17.4        | 110         | 109         | 118                    | NA                     | 37.33        | 8.85                       | 28.48                    | NA                     |
| S-3     | 09/30/1999 | 8,270          | 2,020a         | 226         | 113         | 686         | 1,440       | 184                    | NA                     | 37.33        | 9.66                       | 27.67                    | 3.5/2.8                |
| S-3     | 12/22/1999 | 9,530          | 2,270a         | 207         | 132         | 603         | 1,450       | 616                    | NA                     | 37.33        | 9.50                       | 27.83                    | 0.98/0.8               |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**  
**Wic #204-5508-3400**

| Well ID | Date       | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | TOB<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|------------------------|
| BW-A    | 09/30/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA           | 10.55                      | NA                       | 2.3                    |
| BW-A    | 12/22/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA           | 9.52                       | NA                       | 2.2                    |

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOB = Top of Box Elevation

GW = Groundwater

DO = Dissolved Oxygen

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

n/n = Pre-purge / Post-purge

NA = Not applicable

Notes:

a = Chromatogram pattern indicates an unidentified hydrocarbon.

b = National Environmental Testing, Inc. (NET), analyzed within hold time but further dilutions were required and analyzed out of hold time.

NET suggests that these should be considered minimum concentrations.

c = Sample analyzed outside the EPA recommended holding times.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE       | Well          | Ground         | Depth       | Total            |                |                | Notes | TPH-<br>Gasoline | Benzene | Toluene | Ethyl-<br>Benzene | Xylene | MTBE |
|------------|---------------|----------------|-------------|------------------|----------------|----------------|-------|------------------|---------|---------|-------------------|--------|------|
|            | Head<br>Elev. | Water<br>Elev. | To<br>Water | SPH<br>Thickness | SPH<br>Removed | SPH<br>Removed |       |                  |         |         |                   |        |      |
| <b>C-1</b> |               |                |             |                  |                |                |       |                  |         |         |                   |        |      |
| 04/28/89   | 35.42         | 15.37          | 20.05       | --               | --             | --             | --    | 940              | 30      | 1.3     | 11                | 13     | --   |
| 08/08/89   | 35.42         | 11.35          | 24.07       | --               | --             | --             | --    | 820              | 45      | 2.0     | 13                | 13     | --   |
| 12/21/89   | 35.42         | 12.61          | 22.81       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |
| 08/27/90   | 35.42         | 13.30          | 22.12       | --               | --             | --             | --    | 440              | 15      | 1.0     | 6.0               | 13     | --   |
| 11/04/90   | 35.42         | 9.86           | 25.56       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |
| 06/18/91   | 35.42         | 13.78          | 21.64       | --               | --             | --             | --    | 74               | 5.6     | 0.6     | 1.9               | 1.3    | --   |
| 09/19/91   | 35.42         | 10.84          | 24.58       | --               | --             | --             | --    | 150              | 7.1     | <0.5    | 2.3               | 3.0    | --   |
| 12/20/91   | 35.42         | 9.25           | 26.17       | --               | --             | --             | --    | 250              | 10      | <0.5    | 3.7               | 1.6    | --   |
| 03/18/92   | 35.42         | 17.17          | 18.25       | --               | --             | --             | --    | 190              | 16      | <0.5    | 8.5               | 2.9    | --   |
| 07/14/92   | 35.42         | 7.81           | 27.61       | --               | --             | --             | --    | 20,000           | 480     | 2200    | 510               | 2900   | --   |
| 10/08/92   | 35.42         | 10.98          | 24.44       | --               | --             | --             | --    | 360              | 34      | 4.6     | 19                | 12     | --   |
| 01/08/93   | 35.42         | 15.74          | 19.68       | --               | --             | --             | --    | 120              | 9.1     | 0.5     | 5.1               | 1.8    | --   |
| 04/14/93   | 35.42         | 19.04          | 16.38       | --               | --             | --             | --    | 190              | 74      | 0.6     | 1.0               | 2.0    | --   |
| 07/16/93   | 35.42         | --             | --          | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |
| 07/27/93   | 35.42         | 26.03          | 9.39        | --               | --             | --             | --    | 300              | 12      | <0.5    | 5.0               | 2.0    | --   |
| 09/21/93   | 38.41         | 16.99          | 21.42       | --               | --             | --             | --    | 360              | 12      | 1.2     | 5.8               | 3.7    | --   |
| 01/28/94   | 38.41         | 18.84          | 19.57       | --               | --             | --             | --    | 370              | 24      | 1.0     | 13                | 4.0    | --   |
| 03/17/94   | 38.41         | 21.56          | 16.85       | --               | --             | --             | --    | 460              | 42      | <0.5    | 6.7               | 3.7    | --   |
| 06/16/94   | 38.41         | 20.58          | 17.83       | --               | --             | --             | --    | 320              | 20      | 0.7     | 8.7               | 3.0    | --   |
| 09/22/94   | 38.41         | 18.15          | 20.26       | --               | --             | --             | --    | 380              | 24      | 0.6     | 8.8               | 1.9    | --   |
| 12/15/94   | 38.41         | 22.59          | 15.82       | --               | --             | --             | --    | 280              | 23      | 7.6     | 7.8               | 13     | --   |
| 03/30/95   | 38.41         | 26.39          | 12.02       | --               | --             | --             | --    | 2200             | 890     | 8.9     | 15                | <5.0   | --   |
| 06/20/95   | 38.41         | 24.01          | 14.40       | --               | --             | --             | --    | 690              | 140     | <2.0    | 9.4               | 2.8    | --   |
| 09/20/95   | 38.41         | 24.59          | 13.82       | --               | --             | --             | --    | 730              | 27      | 78      | 26                | 130    | --   |
| 12/06/95   | 38.41         | 17.81          | 20.60       | --               | --             | --             | --    | 220              | 16      | <0.5    | 7.2               | 1.7    | 11   |
| 03/21/96   | 38.41         | 26.76          | 11.65       | --               | --             | --             | --    | 640              | 170     | <2.0    | 6.7               | <2.0   | 35   |
| 06/21/96   | 38.41         | 24.16          | 14.25       | --               | --             | --             | --    | 640              | 140     | <1.2    | 8.7               | 2.0    | 23   |
| 09/06/96   | 38.41         | 21.66          | 16.75       | --               | --             | --             | --    | 460              | 24      | 0.56    | 10                | 2.4    | 43   |
| 12/19/96   | 38.41         | 24.43          | 13.98       | --               | --             | --             | --    | 790              | 120     | 22      | 13                | 19     | <25  |
| 03/17/97   | 38.41         | 25.63          | 12.78       | --               | --             | --             | --    | 2200             | 660     | <10     | 15                | <10    | 110  |
| 06/11/97   | 38.41         | 23.25          | 15.16       | --               | --             | --             | --    | 1500             | 130     | <2.0    | 16                | 3.4    | 130  |
| 09/17/97   | 38.41         | 21.47          | 16.94       | --               | --             | --             | *     | 910              | 160     | 23      | 13                | 49     | 180  |
| 12/11/97   | 38.41         | 25.23          | 13.18       | --               | --             | --             | --    | 2000             | 270     | 7.0     | 53                | 7.4    | 460  |

CONTINUED ON NEXT PAGE

\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. |                 |                    |                | Volumetric Measurements are in gallons. |             |                   |                  | Analytical results are in parts per billion (ppb) |         |         |                |        |        |
|------------------------------------|-----------------|--------------------|----------------|---|-------------|-------------------|------------------|---|---------|---------|----------------|--------|--------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness                           | SPH Removed | Total SPH Removed | Notes            | TPH- Gasoline                                     | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE   |
| <b>C-1 (CONT'D)</b>                |                 |                    |                |   |             |                   |                  |   |         |         |                |        |        |
| 03/12/98                           | 38.41           | 28.92              | 9.49           | --                                      | --          | --                | *                | 3100  | 1300    | <20     | 42             | <20    | 760    |
| 06/23/98                           | 38.41           | 28.19              | 10.22          | --                                      | --          | --                | --               | 1300  | 650     | 6.9     | 22             | 6.5    | 290    |
| 09/01/98                           | 38.41           | 21.43              | 16.98          | --                                      | --          | --                | --               | 270   | 6.0     | <2.5    | <2.5           | <2.5   | 950    |
| 12/30/98                           | 38.41           | 22.29              | 16.12          | --                                      | --          | --                | --               | 2020  | 578     | <5.0    | <5.0           | <5.0   | 1720   |
| 03/31/99                           | 38.41           | 24.53              | 13.88          | --                                      | --          | --                | *                | 2140  | 776     | 5.89    | <5.0           | 5.15   | 1170   |
| 06/14/99                           | 38.41           | 23.09              | 15.32          | --                                      | --          | --                | --               | 1450  | 524     | <5.0    | <5.0           | <5.0   | 1150   |
| 06/14/99                           | 38.41           | 23.09              | 15.32          | --                                      | --          | --                | Confirmation run | --  | --      | --      | --             | --     | 1360** |
| 09/30/99                           | 38.41           | 22.30              | 16.11          | --                                      | --          | --                | --               | 79  | 1.12    | <0.5    | 1.07           | <0.5   | 677    |
| 12/22/99                           | 38.41           | 23.37              | 15.04          | --                                      | --          | --                | *                | 501   | 157     | 4.45    | <2.5           | 4.81   | 744    |

\* See Table of Additional Analyses.

\*\* Samples were analyzed past hold-time, the results should be considered as estimated.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE       | Well       | Ground      | Depth    | Total         |             |             | Notes | Analytical results are in parts per billion (ppb) |         |         |               |        |      |
|------------|------------|-------------|----------|---------------|-------------|-------------|-------|---|---------|---------|---------------|--------|------|
|            | Head Elev. | Water Elev. | To Water | SPH Thickness | SPH Removed | SPH Removed |       | TPH-Gasoline                                      | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
| <b>C-2</b> |            |             |          |               |             |             |       |   |         |         |               |        |      |
| 04/28/89   | 35.18      | 8.74        | 26.44    | --            | --          | --          | --    | 120,000   | 30,000  | 22,000  | 3000          | 17,000 | --   |
| 08/08/89   | 35.18      | 5.29        | 29.90    | 0.01          | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 12/21/89   | 35.18      | 5.86        | 29.32    | --            | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 08/27/90   | 35.18      | 5.77        | 29.55    | 0.17          | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 11/04/90   | 35.18      | 4.71        | 30.47    | --            | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 06/18/91   | 35.18      | 6.90        | 28.33    | 0.06          | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 09/19/91   | 35.18      | 5.84        | 29.39    | 0.06          | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 12/20/91   | 35.18      | 5.95        | 29.23    | --            | --          | --          | --    | 170,000   | 20,000  | 10,000  | 2800          | 19,000 | --   |
| 03/18/92   | 35.18      | 21.58       | 13.60    | 0.09          | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 07/14/92   | 35.18      | --          | --       | --            | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 10/08/92   | 35.18      | --          | --       | --            | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 01/08/93   | 35.18      | 10.98       | 24.20    | Sheen         | --          | --          | --    | 79,000  | 14,000  | 7200    | 3500          | 16,000 | --   |
| 04/14/93   | 35.18      | --          | --       | --            | --          | --          | --    | --  | --      | --      | --            | --     | --   |
| 07/16/93   | 35.18      | 5.03        | 30.15    | --            | --          | --          | --    | 2200  | 440     | 73      | 24            | 350    | --   |
| 09/21/93   | 37.47      | 11.18       | 26.29    | --            | --          | --          | --    | 11,000  | 2300    | 300     | 270           | 910    | --   |
| 01/28/94   | 37.47      | 13.51       | 23.96    | --            | --          | --          | --    | 49,000  | 11,000  | 3900    | 1600          | 12,000 | --   |
| 03/17/94   | 37.47      | 11.48       | 25.99    | --            | --          | --          | --    | 16,000  | 3300    | 1000    | 220           | 3500   | --   |
| 06/16/94   | 37.47      | 13.55       | 23.92    | --            | --          | --          | --    | 20,000  | 4800    | 1500    | 520           | 4300   | --   |
| 09/22/94   | 37.47      | 11.85       | 25.62    | --            | --          | --          | --    | 35,000  | 5600    | 850     | 1700          | 7300   | --   |
| 12/15/94   | 37.47      | 16.31       | 21.16    | --            | --          | --          | --    | 96,000  | 9000    | 3500    | 3300          | 13,000 | --   |
| 03/30/95   | 37.47      | 20.29       | 17.18    | --            | --          | --          | --    | 100,000   | 9400    | 3700    | 3900          | 14,000 | --   |
| 06/20/95   | 37.47      | 18.52       | 18.95    | --            | --          | --          | --    | 93,000  | 6400    | 1900    | 2900          | 11,000 | --   |
| 09/20/95   | 37.47      | 19.27       | 18.20    | --            | --          | --          | --    | 58,000  | 6600    | 330     | 1600          | 5500   | --   |
| 12/06/95   | 37.47      | 12.71       | 24.76    | --            | --          | --          | --    | 40,000  | 5000    | 86      | 1800          | 3700   | <500 |
| 03/21/96   | 37.47      | 21.30       | 16.17    | 0.00          | 0.132       | 0.130       | --    | --  | --      | --      | --            | --     | --   |
| 06/21/96   | 37.47      | 19.34       | 18.15    | 0.02          | 0.026       | 0.156       | --    | --  | --      | --      | --            | --     | --   |
| 09/06/96   | 37.47      | 16.36       | 21.14    | 0.04          | 0.079       | 0.235       | --    | --  | --      | --      | --            | --     | --   |
| 12/19/96   | 37.47      | 19.94       | 17.55    | 0.03          | 0.050       | 0.285       | --    | --  | --      | --      | --            | --     | --   |
| 03/17/97   | 37.47      | 18.88       | 18.59    | --            | --          | 0.285       | --    | 58,000  | 4800    | 1200    | 1800          | 6300   | 3400 |
| 06/11/97   | 37.47      | 16.17       | 21.30    | --            | --          | 0.285       | --    | 40,000  | 5500    | 720     | 1400          | 4100   | 3100 |
| 09/17/97   | 37.47      | 14.33       | 23.14    | --            | --          | 0.285       | *     | 30,000  | 4800    | 220     | 1200          | 1800   | 3200 |
| 12/11/97   | 37.47      | 20.26       | 17.21    | --            | --          | 0.285       | --    | 76,000  | 6100    | 1300    | 2200          | 8000   | 3800 |

CONTINUED ON NEXT PAGE

\* See Table of Additional Analyses.



## Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. |                 |                    | Volumetric Measurements are in gallons. |               |             |                   | Analytical results are in parts per billion (ppb) |              |         |         |               |        |        |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|--------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water                          | SPH Thickness | SPH Removed | Total SPH Removed | Notes   | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE   |
| <b>C-2 (CONT'D)</b>                |                 |                    |   |               |             |                   |   |              |         |         |               |        |        |
| 03/12/98                           | 37.47           | 23.30              | 14.17                                   | --            | --          | 0.285             | *   | 45,000       | 6000    | 1400    | 1800          | 5900   | 2700   |
| 06/23/98                           | 37.47           | 22.65              | 14.82                                   | --            | --          | 0.285             | <u>ORC Installed</u>                              | 1,100,000    | 6800    | 5100    | 13,000        | 38,000 | <1000  |
| 09/01/98                           | 37.47           | 15.69              | 21.78                                   | --            | --          | 0.285             | --  | 9700         | 300     | 8.2     | 6.2           | 250    | 3700   |
| 12/30/98                           | 37.47           | 15.61              | 21.86                                   | --            | --          | 0.285             | --  | 110,000      | 4790    | 1300    | 841           | 5570   | 2420   |
| 03/31/99                           | 37.47           | 20.57              | 16.90                                   | --            | --          | 0.285             | *   | 48,000       | 4800    | 1110    | 1520          | 5450   | 2160   |
| 06/14/99                           | 37.47           | 17.32              | 20.15                                   | --            | --          | 0.285             | Sheen   | 56,400       | 5380    | 671     | 1300          | 3960   | 2480   |
| 06/14/99                           | 37.47           | 17.32              | 20.15                                   | --            | --          | 0.285             | Confirmation run                                  | --           | --      | --      | --            | --     | 2630** |
| 09/30/99                           | 37.47           | 14.50              | 22.97                                   | --            | --          | 0.285             | --  | 22,100       | 623     | <100    | 529           | 1250   | 2430   |
| 12/22/99                           | 37.47           | 16.47              | 21.00                                   | --            | --          | 0.285             | *   | 10,200       | 1750    | 102     | 222           | 963    | 1980   |

\* See Table of Additional Analyses.

\*\* Samples were analyzed past hold-time, the results should be considered as estimated.

## Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. |                 |                    |                | Volumetric Measurements are in gallons. |             |                   |       | Analytical results are in parts per billion (ppb) |         |         |               |        |      |
|------------------------------------|-----------------|--------------------|----------------|---|-------------|-------------------|-------|---|---------|---------|---------------|--------|------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness                           | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline                                      | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
| <b>C-3</b>                         |                 |                    |                |   |             |                   |       |   |         |         |               |        |      |
| 04/28/89                           | 35.28           | 7.28               | 28.00          | --                                      | --          | --                | --    | <500  | 1.7     | <0.5    | <0.5          | <0.5   | --   |
| 08/08/89                           | 35.28           | 5.28               | 30.00          | --                                      | --          | --                | --    | <500  | 1.0     | <0.5    | <0.5          | <0.5   | --   |
| 12/21/89                           | 35.28           | 4.75               | 30.53          | --                                      | --          | --                | --    | --  | --      | --      | --            | --     | --   |
| 08/27/90                           | 35.28           | 5.60               | 29.68          | --                                      | --          | --                | --    | <50   | <0.3    | <0.3    | <0.3          | <0.6   | --   |
| 11/04/90                           | 35.30           | 4.94               | 30.36          | --                                      | --          | --                | --    | --  | --      | --      | --            | --     | --   |
| 06/18/91                           | 35.30           | 6.84               | 28.46          | --                                      | --          | --                | --    | 52  | 1.1     | <0.5    | <0.5          | 1.2    | --   |
| 09/19/91                           | 35.30           | 5.97               | 29.33          | --                                      | --          | --                | --    | 73  | 1.2     | <0.5    | <0.5          | <0.5   | --   |
| 12/20/91                           | 35.30           | 5.53               | 29.77          | --                                      | --          | --                | --    | <50   | 0.7     | <0.5    | <0.5          | <0.5   | --   |
| 03/18/92                           | 35.30           | 9.55               | 25.75          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/14/92                           | 35.30           | 7.43               | 27.87          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 10/08/92                           | 35.30           | 6.75               | 28.55          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | 0.5    | --   |
| 01/08/93                           | 35.30           | 9.45               | 25.85          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 04/14/93                           | 35.30           | 11.34              | 23.96          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/16/93                           | 35.30           | 9.66               | 25.64          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/21/93                           | 38.37           | 12.15              | 26.22          | --                                      | --          | --                | --    | <50   | 0.7     | <0.5    | <0.5          | <0.8   | --   |
| 01/28/94                           | 38.37           | 12.71              | 25.66          | --                                      | --          | --                | --    | <50   | 2.0     | <0.5    | <0.5          | 1.0    | --   |
| 03/17/94                           | 38.37           | 13.42              | 24.95          | --                                      | --          | --                | --    | <50   | 2.8     | <0.5    | 0.6           | 1.5    | --   |
| 06/16/94                           | 38.37           | 14.06              | 24.31          | --                                      | --          | --                | --    | <50   | 1.4     | <0.5    | <0.5          | <0.5   | --   |
| 09/22/94                           | 38.37           | 13.33              | 25.04          | --                                      | --          | --                | --    | <50   | 0.6     | <0.5    | <0.5          | <0.5   | --   |
| 12/15/94                           | 38.37           | 16.15              | 22.22          | --                                      | --          | --                | --    | <50   | 2.6     | 1.7     | 0.82          | 4.5    | --   |
| 03/30/95                           | 38.37           | 19.95              | 18.42          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 06/20/95                           | 38.37           | 18.58              | 19.79          | --                                      | --          | --                | --    | 110   | 2.2     | <0.5    | <0.5          | 1.2    | --   |
| 09/20/95                           | 38.37           | 19.42              | 18.95          | --                                      | --          | --                | --    | 560   | 21      | 80      | 23            | 120    | --   |
| 12/06/95                           | 38.37           | 14.21              | 24.16          | --                                      | --          | --                | --    | <50   | 0.73    | <0.5    | <0.5          | 0.67   | <2.5 |
| 03/21/96                           | 38.37           | 20.52              | 17.85          | --                                      | --          | --                | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/21/96                           | 38.37           | 18.59              | 19.78          | --                                      | --          | --                | --    | 57  | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/06/96                           | 38.37           | 16.74              | 21.63          | --                                      | --          | --                | --    | <50   | 0.9     | <0.5    | <0.5          | <0.5   | <2.5 |
| 12/19/96                           | 38.37           | 16.07              | 22.30          | --                                      | --          | --                | --    | 310   | 36      | 33      | 6.5           | 28     | <2.5 |
| 03/17/97                           | 38.37           | 19.42              | 18.95          | --                                      | --          | --                | --    | 54  | 1.1     | <0.5    | <0.5          | 0.76   | <2.5 |
| 06/11/97                           | 38.37           | 17.22              | 21.15          | --                                      | --          | --                | --    | 120   | 1.1     | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/17/97                           | 38.37           | 15.96              | 22.41          | --                                      | --          | --                | *     | 240   | 19      | 19      | 6.6           | 40     | 13   |
| 12/11/97                           | 38.37           | 16.11              | 22.26          | --                                      | --          | --                | --    | <50   | 1.8     | <0.5    | <0.5          | 0.5    | <2.5 |

CONTINUED ON NEXT PAGE

\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE                | Well          | Ground         | Depth       | Total            |                |                | Notes | TPH-<br>Gasoline | Benzene | Toluene | Ethyl-<br>Benzene | Xylene | MTBE |
|---------------------|---------------|----------------|-------------|------------------|----------------|----------------|-------|------------------|---------|---------|-------------------|--------|------|
|                     | Head<br>Elev. | Water<br>Elev. | To<br>Water | SPH<br>Thickness | SPH<br>Removed | SPH<br>Removed |       |                  |         |         |                   |        |      |
| <b>C-3 (CONT'D)</b> |               |                |             |                  |                |                |       |                  |         |         |                   |        |      |
| 03/12/98            | 38.37         | 20.02          | 18.35       | --               | --             | --             | *     | 72               | 6.3     | <0.5    | 0.64              | 3.1    | 2.6  |
| 06/23/98            | 38.37         | 19.33          | 19.04       | --               | --             | --             | --    | <50              | <0.5    | <0.5    | <0.5              | <0.5   | <2.5 |
| 09/01/98            | 38.37         | 18.40          | 19.97       | --               | --             | --             | --    | 200              | 6.8     | 0.31    | 0.52              | 2.0    | <2.5 |
| 12/30/98            | 38.37         | 17.06          | 21.31       | --               | --             | --             | *     | <50              | <0.5    | <0.5    | <0.5              | <0.5   | <2.0 |
| 03/31/99            | 38.37         | 20.60          | 17.77       | --               | --             | --             | --    | <50              | <0.5    | <0.5    | <0.5              | <0.5   | 12.6 |
| 06/14/99            | 38.37         | 20.12          | 18.25       | --               | --             | --             | --    | <50              | <0.5    | <0.5    | <0.5              | <0.5   | <2.5 |
| 09/30/99            | 38.37         | 17.18          | 21.19       | --               | --             | --             | --    | 79.2             | 3.04    | 0.794   | <0.5              | 1.04   | 6.17 |
| 12/22/99            | 38.37         | 16.05          | 22.32       | --               | --             | --             | *     | <50              | 1.53    | 1.08    | <0.5              | 0.66   | 12   |

\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE       | Well          | Ground         | Depth       | Total            |                |                | Notes | TPH-<br>Gasoline | Benzene | Toluene | Ethyl-<br>Benzene | Xylene | MTBE  |
|------------|---------------|----------------|-------------|------------------|----------------|----------------|-------|------------------|---------|---------|-------------------|--------|-------|
|            | Head<br>Elev. | Water<br>Elev. | To<br>Water | SPH<br>Thickness | SPH<br>Removed | SPH<br>Removed |       |                  |         |         |                   |        |       |
| <b>C-4</b> |               |                |             |                  |                |                |       |                  |         |         |                   |        |       |
| 01/12/89   | 33.45         | 3.96           | 29.49       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --    |
| 04/12/89   | 33.45         | 6.01           | 27.44       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --    |
| 04/28/89   | 33.45         | 3.96           | 29.49       | --               | --             | --             | --    | 20,000           | 6300    | 550     | 230               | 1500   | --    |
| 08/08/89   | 33.45         | 3.90           | 29.55       | --               | --             | --             | --    | 8000             | 7500    | 340     | 88                | 1000   | --    |
| 12/21/89   | 33.45         | 3.43           | 30.02       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --    |
| 08/27/90   | 33.48         | 4.46           | 29.02       | --               | --             | --             | --    | 26,000           | 10,000  | 280     | 410               | 1400   | --    |
| 11/04/90   | 33.48         | 3.67           | 29.81       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --    |
| 06/18/91   | 33.48         | 6.03           | 27.45       | --               | --             | --             | --    | 34,000           | 14,000  | 410     | 450               | 1300   | --    |
| 09/19/91   | 33.48         | 4.83           | 28.65       | --               | --             | --             | --    | 16,000           | 7400    | 90      | 110               | 460    | --    |
| 12/20/91   | 33.48         | 4.64           | 28.84       | --               | --             | --             | --    | 24,000           | 12,000  | 120     | 260               | 740    | --    |
| 03/18/92   | 33.48         | 11.05          | 24.43       | --               | --             | --             | --    | 48,000           | 6000    | 1300    | 1300              | 2400   | --    |
| 07/14/92   | 33.48         | 6.59           | 26.89       | --               | --             | --             | --    | 40,000           | 14,000  | 920     | 550               | 2400   | --    |
| 10/08/92   | 33.48         | 5.69           | 27.79       | --               | --             | --             | --    | 29,000           | 13,000  | 190     | 110               | 1400   | --    |
| 01/08/93   | 33.48         | 9.98           | 23.50       | --               | --             | --             | --    | 25,000           | 7000    | 630     | 860               | 1800   | --    |
| 04/14/93   | 33.48         | 12.35          | 21.13       | --               | --             | --             | --    | 27,000           | 6300    | 1000    | 900               | 1400   | --    |
| 07/16/93   | 33.48         | 9.52           | 23.96       | --               | --             | --             | --    | 28,000           | 7800    | 1100    | 830               | 2100   | --    |
| 09/21/93   | 36.49         | 10.98          | 25.51       | --               | --             | --             | --    | 30,000           | 9600    | 130     | 390               | 1300   | --    |
| 01/28/94   | 36.49         | 13.18          | 23.31       | --               | --             | --             | --    | 18,000           | 7800    | 440     | 260               | 1200   | --    |
| 03/17/94   | 36.49         | 15.14          | 21.35       | --               | --             | --             | --    | 32,000           | 7800    | 820     | 820               | 1800   | --    |
| 06/16/94   | 36.49         | 13.99          | 22.50       | --               | --             | --             | --    | 25,000           | 7600    | 710     | 600               | 1800   | --    |
| 09/22/94   | 36.49         | 12.56          | 23.93       | --               | --             | --             | --    | 25,000           | 7800    | 140     | 600               | 1100   | --    |
| 12/15/94   | 36.49         | 17.47          | 19.02       | --               | --             | --             | --    | 38,000           | 7600    | 460     | 1200              | 2000   | --    |
| 03/30/95   | 36.49         | 21.63          | 14.86       | --               | --             | --             | --    | 41,000           | 8700    | 1600    | 1800              | 3000   | --    |
| 06/20/95   | 36.49         | 19.59          | 16.90       | --               | --             | --             | --    | 29,000           | 6000    | 890     | 960               | 1800   | --    |
| 09/20/95   | 36.49         | 20.29          | 16.20       | --               | --             | --             | --    | 12,000           | 6900    | 510     | 290               | 1300   | --    |
| 12/06/95   | 36.49         | 13.37          | 23.12       | --               | --             | --             | --    | 13,000           | 3900    | 42      | 30                | 250    | <250  |
| 03/21/96   | 36.49         | 22.39          | 14.10       | --               | --             | --             | --    | 39,000           | 4800    | 640     | 1000              | 1800   | <1000 |
| 06/21/96   | 36.49         | 19.54          | 16.95       | --               | --             | --             | --    | 26,000           | 4400    | 640     | 960               | 1800   | 2000  |
| 09/06/96   | 36.49         | 16.36          | 20.13       | --               | --             | --             | --    | 23,000           | 500     | 200     | 230               | 1000   | 3100  |
| 12/19/96   | 36.49         | 19.57          | 16.92       | --               | --             | --             | --    | 23,000           | 4900    | 320     | 1100              | 2000   | <250  |
| 03/17/97   | 36.49         | 19.09          | 17.40       | --               | --             | --             | --    | 30,000           | 5800    | 700     | 1400              | 2200   | 1700  |
| 06/11/97   | 36.49         | 18.15          | 18.34       | --               | --             | --             | --    | 29,000           | 4400    | 520     | 790               | 1800   | 2000  |
| 09/17/97   | 36.49         | 15.03          | 21.46       | --               | --             | --             | *     | 17,000           | 4300    | 140     | 940               | 1100   | 4600  |
| 12/11/97   | 36.49         | 19.84          | 16.65       | --               | --             | --             | --    | 12,000           | 2500    | 130     | 300               | 1000   | 1400  |

CONTINUED ON NEXT PAGE

## Cumulative Table of Well Data and Analytical Results

\* See Table of Additional Analyses.

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE                | Well          | Ground         | Depth       | Total            |                |                | Notes            | TPH-<br>Gasoline | Benzene | Toluene | Ethyl-<br>Benzene | Xylene | MTBE  |
|---------------------|---------------|----------------|-------------|------------------|----------------|----------------|------------------|------------------|---------|---------|-------------------|--------|-------|
|                     | Head<br>Elev. | Water<br>Elev. | To<br>Water | SPH<br>Thickness | SPH<br>Removed | SPH<br>Removed |                  |                  |         |         |                   |        |       |
| <b>C-4 (CONT'D)</b> |               |                |             |                  |                |                |                  |                  |         |         |                   |        |       |
| 03/12/98            | 36.49         | 19.90          | 16.59       | --               | --             | --             | *                | 46,000           | 11,000  | 1500    | 2300              | 5000   | 3400  |
| 06/23/98            | 36.49         | 19.47          | 17.02       | --               | --             | --             | ORC Installed    | 27,000           | 1600    | 160     | 180               | 690    | 100   |
| 09/01/98            | 36.49         | 15.04          | 21.45       | --               | --             | --             | --               | 520              | 14      | 2.3     | <0.5              | 4.8    | 61    |
| 12/30/98            | 36.49         | 15.07          | 21.42       | --               | --             | --             | --               | 122              | 14.1    | 1.86    | <1.0              | 3.61   | 349   |
| 03/31/99            | 36.49         | 21.29          | 15.20       | --               | --             | --             | *                | 20,300           | 4450    | 443     | 1000              | 2130   | 1320  |
| 06/14/99            | 36.49         | 14.69          | 21.80       | --               | --             | --             | --               | 1820             | 183     | 7.14    | 36.7              | 56.5   | 291   |
| 06/14/99            | 36.49         | 14.69          | 21.80       | --               | --             | --             | Confirmation run | --               | --      | --      | --                | --     | 280** |
| 09/30/99            | 36.49         | 16.68          | 19.81       | --               | --             | --             | --               | 1030             | 11.6    | 2.14    | 29.2              | 68.7   | 91.5  |
| 12/22/99            | 36.49         | 16.22          | 20.27       | --               | --             | --             | *                | 217              | 4.45    | 0.765   | 2.82              | 8.21   | 70.2  |

\* See Table of Additional Analyses.

\*\* Samples were analyzed past hold-time, the results should be considered as estimated.

## Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. |                 |                    | Volumetric Measurements are in gallons. |               |             |                   | Analytical results are in parts per billion (ppb) |              |         |         |               |        |      |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water                          | SPH Thickness | SPH Removed | Total SPH Removed | Notes   | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
| <b>C-5</b>                         |                 |                    |   |               |             |                   |   |              |         |         |               |        |      |
| 08/27/90                           | 35.50           | 5.67               | 29.83                                   | --            | --          | --                | --  | <50          | <0.3    | <0.3    | <0.3          | <0.6   | --   |
| 11/14/90                           | 35.50           | 4.94               | 30.56                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 06/18/91                           | 35.50           | 6.98               | 28.52                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/19/91                           | 35.50           | 5.99               | 29.51                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/20/91                           | 35.50           | 5.54               | 29.96                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/18/92                           | 35.50           | 9.58               | 25.92                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/14/92                           | 35.50           | 7.50               | 28.00                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 10/08/92                           | 35.50           | 6.85               | 28.65                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 01/08/93                           | 35.50           | 9.48               | 26.02                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 04/14/93                           | 35.50           | 11.46              | 24.04                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/16/93                           | 35.50           | 10.29              | 25.21                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/21/93                           | 38.50           | 12.14              | 26.36                                   | --            | --          | --                | --  | 60           | 10      | 8.1     | 1.9           | 9.4    | --   |
| 01/28/94                           | 38.50           | 12.60              | 25.90                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/17/94                           | 38.50           | 14.00              | 24.50                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 06/16/94                           | 38.50           | 14.10              | 24.40                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/22/94                           | 38.50           | 13.34              | 25.16                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/15/94                           | 38.50           | 15.61              | 22.89                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/30/95                           | 38.50           | 19.96              | 18.54                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 06/20/95                           | 38.50           | 18.37              | 20.13                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/20/95                           | 38.50           | 14.16              | 24.34                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/06/95                           | 38.50           | 14.40              | 24.10                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 03/21/96                           | 38.50           | 20.10              | 18.40                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/21/96                           | 38.50           | 18.23              | 20.27                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | 8.7  |
| 06/06/96                           | 38.50           | 16.60              | 21.90                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 12/19/96                           | 38.50           | 17.35              | 21.15                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 03/17/97                           | 38.50           | 18.66              | 19.84                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/11/97                           | 38.50           | 16.90              | 21.60                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/17/97                           | 38.50           | 10.67              | 27.83                                   | --            | --          | --                | Sampled annually                                  | --           | --      | --      | --            | --     | --   |
| 12/11/97                           | 38.50           | 17.50              | 21.00                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 03/12/98                           | 38.50           | 22.08              | 16.42                                   | --            | --          | --                | *   | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/23/98                           | 38.50           | 21.52              | 16.98                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 09/01/98                           | 38.50           | 18.08              | 20.42                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 12/30/98                           | 38.50           | 17.71              | 20.79                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |

CONTINUED ON NEXT PAGE

### Cumulative Table of Well Data and Analytical Results

\* See Table of Additional Analyses.

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE                | Well          | Ground         | Depth       | Total            |                |                | Notes | TPH-<br>Gasoline | Benzene | Toluene | Ethyl-<br>Benzene | Xylene | MTBE |
|---------------------|---------------|----------------|-------------|------------------|----------------|----------------|-------|------------------|---------|---------|-------------------|--------|------|
|                     | Head<br>Elev. | Water<br>Elev. | To<br>Water | SPH<br>Thickness | SPH<br>Removed | SPH<br>Removed |       |                  |         |         |                   |        |      |
| <b>C-5 (CONT'D)</b> |               |                |             |                  |                |                |       |                  |         |         |                   |        |      |
| 03/31/99            | 38.50         | 21.45          | 17.05       | --               | --             | --             | *     | <50              | <0.5    | <0.5    | <0.5              | <0.5   | 15   |
| 06/14/99            | 38.50         | 21.02          | 17.48       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |
| 09/30/99            | 38.50         | 19.77          | 18.73       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |
| 12/22/99            | 38.50         | 16.32          | 22.18       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |

## Cumulative Table of Well Data and Analytical Results

\* See Table of Additional Analyses.

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE       | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes         | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
|------------|-----------------|--------------------|----------------|---------------|-------------|-------------------|---------------|--------------|---------|---------|---------------|--------|------|
| <b>C-6</b> |                 |                    |                |               |             |                   |               |              |         |         |               |        |      |
| 08/27/90   | 32.40           | -11.71             | 44.11          | --            | --          | --                | --            | 7200         | 2100    | 6.0     | 41            | 300    | --   |
| 11/14/90   | 32.40           | -11.63             | 44.03          | --            | --          | --                | --            | --           | --      | --      | --            | --     | --   |
| 06/18/91   | 32.40           | -11.09             | 43.49          | --            | --          | --                | --            | 4400         | 2500    | 18      | 160           | 77     | --   |
| 09/19/91   | 32.40           | -1.92              | 34.32          | --            | --          | --                | --            | 3100         | 1600    | 8.3     | 73            | 8.0    | --   |
| 12/20/91   | 32.40           | -8.95              | 41.35          | --            | --          | --                | --            | 4400         | 1300    | 3.2     | 74            | 10     | --   |
| 03/18/92   | 32.40           | -8.29              | 40.69          | --            | --          | --                | --            | 9800         | 3200    | 34      | 250           | 500    | --   |
| 07/14/92   | 32.40           | -6.49              | 38.89          | --            | --          | --                | --            | 6500         | 2200    | 100     | 96            | 240    | --   |
| 10/08/92   | 32.40           | -6.27              | 38.67          | --            | --          | --                | --            | 1800         | 1000    | 3.1     | 15            | 41     | --   |
| 01/08/93   | 32.40           | -5.41              | 37.81          | --            | --          | --                | --            | 5200         | 1600    | 6.8     | 63            | 120    | --   |
| 04/14/93   | 32.40           | -2.30              | 34.70          | --            | --          | --                | --            | 11,000       | 1800    | 13      | 110           | 200    | --   |
| 07/16/93   | 32.40           | -1.47              | 33.87          | --            | --          | --                | --            | 4800         | 820     | 10      | 41            | 57     | --   |
| 09/21/93   | 35.40           | 1.42               | 33.98          | --            | --          | --                | --            | 4100         | 1200    | <50     | 75            | 130    | --   |
| 01/28/94   | 35.40           | 1.54               | 33.86          | --            | --          | --                | --            | 3100         | 930     | 14      | 40            | 34     | --   |
| 03/17/94   | 35.40           | 3.09               | 32.31          | --            | --          | --                | --            | 5100         | 950     | 18      | 61            | 83     | --   |
| 06/16/94   | 35.40           | 3.90               | 31.50          | --            | --          | --                | --            | 3800         | 970     | 6.4     | 52            | 62     | --   |
| 09/22/94   | 35.40           | 4.18               | 31.22          | --            | --          | --                | --            | 4100         | 980     | 7.8     | 43            | 48     | --   |
| 12/15/94   | 35.40           | 4.00               | 31.40          | --            | --          | --                | --            | 5000         | 1400    | <20     | 73            | 61     | --   |
| 03/30/95   | 35.40           | 9.02               | 26.38          | --            | --          | --                | --            | 5500         | 1700    | <13     | 120           | 97     | --   |
| 06/20/95   | 35.40           | 10.39              | 25.01          | --            | --          | --                | --            | 1700         | 470     | <10     | 29            | 16     | --   |
| 09/20/95   | 35.40           | 11.35              | 24.05          | --            | --          | --                | --            | 3500         | 770     | <5.0    | 45            | 17     | --   |
| 12/06/95   | 35.40           | 7.28               | 28.12          | --            | --          | --                | --            | 3100         | 710     | <10     | 41            | 20     | <50  |
| 03/21/96   | 35.40           | 12.28              | 23.12          | --            | --          | --                | --            | 1400         | 330     | <2.5    | 15            | 8.1    | 19   |
| 06/21/96   | 35.40           | 11.90              | 23.50          | --            | --          | --                | --            | 2200         | 560     | <5.0    | 18            | <5.0   | 77   |
| 09/06/96   | 35.40           | 10.57              | 24.83          | --            | --          | --                | --            | 2800         | 720     | <10     | 13            | <10    | 160  |
| 12/19/96   | 35.40           | 10.90              | 24.50          | --            | --          | --                | --            | 830          | 320     | <2.5    | <2.5          | <2.5   | 14   |
| 03/17/97   | 35.40           | 12.81              | 22.59          | --            | --          | --                | --            | 2200         | 500     | <10     | 25            | <10    | <50  |
| 06/11/97   | 35.40           | 11.64              | 23.76          | --            | --          | --                | --            | 3000         | 570     | <5.0    | 29            | 10     | 220  |
| 09/17/97   | 35.40           | 10.66              | 24.74          | --            | --          | --                | *             | 1400         | 330     | <5.0    | <5.0          | <5.0   | 76   |
| 12/11/97   | 35.40           | 10.75              | 24.65          | --            | --          | --                | --            | 1600         | 230     | <5.0    | 7.3           | 6.4    | 46   |
| 03/12/98   | 35.40           | 8.28               | 27.12          | --            | --          | --                | *             | 980          | 300     | <5.0    | 15            | 12     | 49   |
| 06/23/98   | 35.40           | 7.48               | 27.92          | --            | --          | --                | ORC Installed | 220          | 35      | <0.5    | 2.5           | 1.1    | <2.5 |
| 09/01/98   | 35.40           | 3.80               | 31.60          | --            | --          | --                | --            | 1800         | 370     | 2.8     | 19            | 4.8    | 44   |
| 12/30/98   | 35.40           | 3.58               | 31.82          | --            | --          | --                | --            | 1600         | 244     | <1.0    | 8.53          | <1.0   | 54.9 |

CONTINUED ON NEXT PAGE



## Cumulative Table of Well Data and Analytical Results

\* See Table of Additional Analyses.

| Vertical Measurements are in feet. |                 |                    | Volumetric Measurements are in gallons. |               |             |                   | Analytical results are in parts per billion (ppb) |              |         |         |               |        |        |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|--------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water                          | SPH Thickness | SPH Removed | Total SPH Removed | Notes   | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE   |
| <b>C-6 (CONT'D)</b>                |                 |                    |   |               |             |                   |   |              |         |         |               |        |        |
| 03/31/99                           | 35.40           | 9.34               | 26.06                                   | --            | --          | --                | *   | 741          | 92.2    | <1.0    | 6.60          | <1.0   | 27.9   |
| 06/14/99                           | 35.40           | 5.72               | 29.68                                   | --            | --          | --                | --  | 434          | 110     | <1.0    | 5.76          | 1.46   | 13     |
| 06/14/99                           | 35.40           | 5.72               | 29.68                                   | --            | --          | --                | Confirmation run                                  | --           | --      | --      | --            | --     | 6.96** |
| 09/30/99                           | 35.40           | 12.34              | 23.06                                   | --            | --          | --                | --  | 481          | 92.7    | <1.0    | 3.69          | <1.0   | 32.9   |
| 12/22/99                           | 35.40           | 12.85              | 22.55                                   | --            | --          | --                | *   | 1310         | 158     | 2.16    | 5.5           | 1.41   | 113    |

\* See Table of Additional Analyses.

\*\* Samples were analyzed past hold-time, the results should be considered as estimated.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE       | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
|------------|-----------------|--------------------|----------------|---------------|-------------|-------------------|-------|--------------|---------|---------|---------------|--------|------|
| <b>C-7</b> |                 |                    |                |               |             |                   |       |              |         |         |               |        |      |
| 08/27/90   | 32.17           | -12.06             | 44.23          | --            | --          | --                | --    | 110          | 26      | 0.8     | 4.0           | 6.0    | --   |
| 11/14/90   | 32.17           | -11.94             | 44.11          | --            | --          | --                | --    | --           | --      | --      | --            | --     | --   |
| 06/18/91   | 32.17           | -9.88              | 42.05          | --            | --          | --                | --    | 23,000       | 5700    | 420     | 1000          | 2800   | --   |
| 09/19/91   | 32.17           | -9.55              | 41.72          | --            | --          | --                | --    | 26,000       | 4600    | 330     | 970           | 2400   | --   |
| 12/20/91   | 32.17           | -9.50              | 41.67          | --            | --          | --                | --    | 33,000       | 5500    | 270     | 1000          | 2100   | --   |
| 03/18/92   | 32.17           | -9.03              | 41.20          | --            | --          | --                | --    | 27,000       | 5800    | 410     | 1300          | 3300   | --   |
| 07/14/92   | 32.17           | -7.60              | 39.77          | --            | --          | --                | --    | 46,000       | 12,000  | 720     | 1700          | 4600   | --   |
| 10/08/92   | 32.17           | -6.97              | 39.14          | --            | --          | --                | --    | 22,000       | 6800    | 370     | 1300          | 3200   | --   |
| 01/08/93   | 32.17           | -6.33              | 38.50          | --            | --          | --                | --    | 36,000       | 7600    | 540     | 1700          | 4200   | --   |
| 04/14/93   | 32.17           | -3.76              | 35.93          | --            | --          | --                | --    | 23,000       | 3100    | 450     | 670           | 1900   | --   |
| 07/16/93   | 32.17           | -3.21              | 35.38          | --            | --          | --                | --    | 19,000       | 3200    | 330     | 550           | 1800   | --   |
| 09/21/93   | 35.19           | -0.27              | 35.46          | --            | --          | --                | --    | 17,000       | 2700    | 160     | 410           | 760    | --   |
| 01/28/94   | 35.19           | -0.26              | 35.45          | --            | --          | --                | --    | 14,000       | 1800    | 210     | 390           | 1000   | --   |
| 03/17/94   | 35.19           | 1.95               | 33.24          | --            | --          | --                | --    | 17,000       | 1600    | 210     | 410           | 1200   | --   |
| 06/16/94   | 35.19           | 2.12               | 33.07          | --            | --          | --                | --    | 12,000       | 1600    | 180     | 410           | 1200   | --   |
| 09/22/94   | 35.19           | 2.45               | 32.74          | --            | --          | --                | --    | 10,000       | 1700    | 110     | 320           | 580    | --   |
| 12/15/94   | 35.19           | 3.27               | 31.92          | --            | --          | --                | --    | 10,000       | 1200    | 120     | 280           | 710    | --   |
| 03/30/95   | 35.19           | 7.59               | 27.60          | --            | --          | --                | --    | 4600         | 460     | 73      | 160           | 460    | --   |
| 06/20/95   | 35.19           | 7.32               | 27.87          | --            | --          | --                | --    | 26,000       | 4400    | 450     | 900           | 2400   | --   |
| 09/20/95   | 35.19           | 7.11               | 28.08          | --            | --          | --                | --    | 9400         | 610     | 81      | 250           | 800    | --   |
| 12/06/95   | 35.19           | 4.57               | 30.62          | --            | --          | --                | --    | 1200         | 110     | 12      | 25            | 71     | 34   |
| 03/21/96   | 35.19           | 7.34               | 27.85          | --            | --          | --                | --    | 17,000       | 1300    | 160     | 410           | 1300   | <100 |
| 06/21/96   | 35.19           | 7.77               | 27.42          | --            | --          | --                | --    | 14,000       | 1300    | 210     | 500           | 1700   | 590  |
| 09/06/96   | 35.19           | 6.84               | 28.35          | --            | --          | --                | --    | 15,000       | 3400    | <50     | 460           | 850    | <250 |
| 12/19/96   | 35.19           | 6.08               | 29.11          | --            | --          | --                | --    | 530          | 8.6     | 0.5     | 0.85          | 3.4    | <2.5 |
| 03/17/97   | 35.19           | 8.05               | 27.14          | --            | --          | --                | --    | 4600         | 310     | 46      | 110           | 310    | 98   |
| 06/11/97   | 35.19           | 7.14               | 28.05          | --            | --          | --                | --    | 420          | 15      | <0.5    | 3.3           | 5.1    | <2.5 |
| 09/17/97   | 35.19           | 6.19               | 29.00          | --            | --          | --                | *     | 1400         | 120     | 11      | 31            | 84     | 54   |
| 12/11/97   | 35.19           | 5.93               | 29.26          | --            | --          | --                | --    | 210          | 10      | <0.5    | 0.97          | 1.6    | <2.5 |
| 03/12/98   | 35.19           | 10.27              | 24.92          | --            | --          | --                | *     | 68           | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/23/98   | 35.19           | 9.89               | 25.30          | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/01/98   | 35.19           | 8.92               | 26.27          | --            | --          | --                | --    | 570          | 24      | 1.4     | 8.4           | 22     | 24   |
| 12/30/98   | 35.19           | 8.67               | 26.52          | --            | --          | --                | --    | <50          | 4.85    | 1.26    | <0.5          | 1.29   | 167  |

CONTINUED ON NEXT PAGE

### Cumulative Table of Well Data and Analytical Results

\* See Table of Additional Analyses.

| Vertical Measurements are in feet. |                 |                    | Volumetric Measurements are in gallons. |               |             |                   | Analytical results are in parts per billion (ppb) |              |         |         |               |        |        |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|--------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water                          | SPH Thickness | SPH Removed | Total SPH Removed | Notes   | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE   |
| <b>C-7 (CONT'D)</b>                |                 |                    |   |               |             |                   |   |              |         |         |               |        |        |
| 03/31/99                           | 35.19           | 10.43              | 24.76                                   | --            | --          | --                | *   | 53.1         | <0.5    | <0.5    | <0.5          | <0.5   | <2.0   |
| 06/14/99                           | 35.19           | 9.75               | 25.44                                   | --            | --          | --                | --  | 109          | 4.43    | <0.5    | <0.5          | <0.5   | <2.5   |
| 06/14/99                           | 35.19           | 9.75               | 25.44                                   | --            | --          | --                | Confirmation run                                  | --           | --      | --      | --            | --     | <2.0** |
| 09/30/99                           | 35.19           | 8.32               | 26.87                                   | --            | --          | --                | --  | 2400         | 282     | 26.3    | 120           | 236    | 126    |
| 12/22/99                           | 35.19           | 7.42               | 27.77                                   | --            | --          | --                | *   | 3840         | 162     | 18.1    | 44.7          | 85.3   | 141    |

\* See Table of Additional Analyses.

\*\* Samples were analyzed past hold-time, the results should be considered as estimated.

## Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. |                 |                    | Volumetric Measurements are in gallons. |               |             |                   | Analytical results are in parts per billion (ppb) |              |         |         |               |        |      |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water                          | SPH Thickness | SPH Removed | Total SPH Removed | Notes   | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
| <b>C-8</b>                         |                 |                    |   |               |             |                   |   |              |         |         |               |        |      |
| 11/14/90                           | 30.68           | -12.61             | 43.29                                   | --            | --          | --                | --  | <50          | <0.3    | <0.3    | <0.3          | <0.6   | --   |
| 06/18/91                           | 30.68           | -11.94             | 42.62                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/19/91                           | 30.68           | -11.04             | 41.72                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/20/91                           | 30.68           | -10.30             | 40.98                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/18/92                           | 30.68           | -9.34              | 40.02                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/14/92                           | 30.68           | -8.34              | 39.02                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 10/08/92                           | 30.68           | -8.00              | 38.68                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | 1.1    | --   |
| 01/08/93                           | 30.68           | -7.39              | 38.07                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 04/14/93                           | 30.68           | -5.31              | 35.99                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/16/93                           | 30.68           | -4.64              | 35.32                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/21/93                           | 34.68           | -0.62              | 35.30                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.8   | --   |
| 01/28/94                           | 34.68           | -0.93              | 35.61                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/17/94                           | 34.68           | 0.31               | 34.37                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 06/16/94                           | 34.68           | 1.32               | 33.36                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/22/94                           | 34.68           | 1.86               | 32.82                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/15/94                           | 34.68           | 2.32               | 32.36                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/30/95                           | 34.68           | 5.44               | 29.24                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 06/20/95                           | 34.68           | 6.34               | 28.34                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/20/95                           | 34.68           | 5.20               | 29.48                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/06/95                           | 34.68           | 3.76               | 30.92                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 03/21/96                           | 34.68           | 6.03               | 28.65                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/21/96                           | 34.68           | 6.78               | 27.90                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/06/96                           | 34.68           | 5.98               | 28.70                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 12/19/96                           | 34.68           | 4.98               | 29.70                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 03/17/97                           | 34.68           | 6.92               | 27.76                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/11/97                           | 34.68           | 5.87               | 28.81                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/17/97                           | 34.68           | 5.32               | 29.36                                   | --            | --          | --                | Sampled annually                                  | --           | --      | --      | --            | --     | --   |
| 12/11/97                           | 34.68           | 4.88               | 29.80                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 03/12/98                           | 34.68           | 8.95               | 25.73                                   | --            | --          | --                | *   | <50          | <0.5    | <0.5    | <0.5          | <0.5   | 2.6  |
| 06/23/98                           | 34.68           | 8.38               | 26.30                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 09/01/98                           | 34.68           | 8.17               | 26.51                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 12/30/98                           | 34.68           | 7.79               | 26.89                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |

CONTINUED ON NEXT PAGE

## Cumulative Table of Well Data and Analytical Results

\* See Table of Additional Analyses.

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE                | Well          | Ground         | Depth       | Total            |                |                | Notes | TPH-<br>Gasoline | Benzene | Toluene | Ethyl-<br>Benzene | Xylene | MTBE |
|---------------------|---------------|----------------|-------------|------------------|----------------|----------------|-------|------------------|---------|---------|-------------------|--------|------|
|                     | Head<br>Elev. | Water<br>Elev. | To<br>Water | SPH<br>Thickness | SPH<br>Removed | SPH<br>Removed |       |                  |         |         |                   |        |      |
| <b>C-8 (CONT'D)</b> |               |                |             |                  |                |                |       |                  |         |         |                   |        |      |
| 03/31/99            | 34.68         | 8.32           | 26.36       | --               | --             | --             | *     | <50              | <0.5    | <0.5    | <0.5              | <0.5   | 11.8 |
| 06/14/99            | 34.68         | 8.65           | 26.03       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |
| 09/30/99            | 34.68         | 7.40           | 27.28       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |
| 12/22/99            | 34.68         | 6.48           | 28.20       | --               | --             | --             | --    | --               | --      | --      | --                | --     | --   |

## Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. |                 |                    | Volumetric Measurements are in gallons. |               |             |                   | Analytical results are in parts per billion (ppb) |              |         |         |               |        |      |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|
| DATE                               | Well Head Elev. | Ground Water Elev. | Depth To Water                          | SPH Thickness | SPH Removed | Total SPH Removed | Notes   | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
| <b>C-9</b>                         |                 |                    |   |               |             |                   |   |              |         |         |               |        |      |
| 08/13/96                           | --              | --                 | 28.27                                   | --            | --          | --                | --  | ND           | ND      | ND      | ND            | ND     | ND   |
| 09/06/96                           | --              | --                 | 28.47                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 12/19/96                           | 30.68           | 1.39               | 29.29                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 03/17/97                           | 30.68           | 3.11               | 27.57                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/11/97                           | 30.68           | 2.41               | 28.27                                   | --            | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/17/97                           | 30.68           | 2.05               | 28.63                                   | --            | --          | --                | Sampled annually                                  | --           | --      | --      | --            | --     | --   |
| 12/11/97                           | 30.68           | 1.25               | 29.43                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 03/12/98                           | 30.68           | 5.06               | 25.62                                   | --            | --          | --                | *   | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/23/98                           | 30.68           | 4.53               | 26.15                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 09/01/98                           | 30.68           | 4.30               | 26.38                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 12/30/98                           | 30.68           | 3.93               | 26.75                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 03/31/99                           | 30.68           | 5.35               | 25.33                                   | --            | --          | --                | *   | <50          | <0.5    | <0.5    | <0.5          | <0.5   | 12.5 |
| 06/14/99                           | 30.68           | 4.16               | 26.52                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 09/30/99                           | 30.68           | 3.89               | 26.79                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |
| 12/22/99                           | 30.68           | 2.99               | 27.69                                   | --            | --          | --                | --  | --           | --      | --      | --            | --     | --   |

\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE              | Well       | Ground      | Depth    | Total         |             |             | Notes | Analytical results are in parts per billion (ppb) |         |         |               |        |      |
|-------------------|------------|-------------|----------|---------------|-------------|-------------|-------|---|---------|---------|---------------|--------|------|
|                   | Head Elev. | Water Elev. | To Water | SPH Thickness | SPH Removed | SPH Removed |       | TPH-Gasoline                                      | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
| <b>TRIP BLANK</b> |            |             |          |               |             |             |       |   |         |         |               |        |      |
| 04/28/89          | --         | --          | --       | --            | --          | --          | --    | <500  | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 08/08/89          | --         | --          | --       | --            | --          | --          | --    | <500  | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 08/27/90          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.3    | <0.3    | <0.3          | <0.6   | --   |
| 11/14/90          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.3    | <0.3    | <0.3          | <0.6   | --   |
| 06/18/91          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/19/91          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/20/91          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/18/92          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/14/92          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 10/08/92          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 01/08/93          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 04/14/93          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 07/16/93          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/21/93          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.8   | --   |
| 01/28/94          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/17/94          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 06/16/94          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/22/94          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/15/94          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/30/95          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 06/20/95          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 09/20/95          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/06/95          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 03/21/96          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/21/96          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/06/96          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | --   |
| 12/19/96          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 03/17/97          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/11/97          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/17/97          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 12/11/97          | --         | --          | --       | --            | --          | --          | --    | <50   | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |

CONTINUED ON NEXT PAGE

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE                       | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
|----------------------------|-----------------|--------------------|----------------|---------------|-------------|-------------------|-------|--------------|---------|---------|---------------|--------|------|
| <b>TRIP BLANK (CONT'D)</b> |                 |                    |                |               |             |                   |       |              |         |         |               |        |      |
| 03/12/98                   | --              | --                 | --             | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 06/23/98                   | --              | --                 | --             | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 09/01/98                   | --              | --                 | --             | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 12/30/98                   | --              | --                 | --             | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.0 |
| 03/31/99                   | --              | --                 | --             | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.0 |
| 06/14/99                   | --              | --                 | --             | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |
| 12/22/99                   | --              | --                 | --             | --            | --          | --                | --    | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <2.5 |



## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per million (ppm) unless otherwise noted

| DATE       | Notes | Total                                 |              | Nitrate as Nitrate | Sulfate | D.O.      |            | ORP       |            |  |
|------------|-------|---------------------------------------|--------------|--------------------|---------|-----------|------------|-----------|------------|--|
|            |       | Alkalinity<br>mg CaCO <sub>3</sub> /L | Ferrous Iron |                    |         | Pre-Purge | Post-Purge | Pre-Purge | Post-Purge |  |
| <b>C-1</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 09/17/97   | --    | 2.0                                   | 1.1          | <1.0               | 12      | 1.4       | 8.8        | 101       | 104        |  |
| 03/12/98   | --    | 550                                   | 3.0          | <1.0               | 6.6     | 1.7       | 3.6        | 171       | 171        |  |
| 03/31/99   | --    | 382                                   | 2520*        | 0.418              | 8.23    | 6.5       | 1.8        | 99        | 89         |  |
| 12/22/99   | --    | 568                                   | 0.19         | <0.1               | 11      | 0.95      | 2.0        | -95       | -128       |  |
| <b>C-2</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 09/17/97   | --    | 560                                   | 4.7          | <1.0               | <1.0    | 1.3       | --         | 150       | --         |  |
| 03/12/98   | --    | 420                                   | 3.5          | <1.0               | <1.0    | 1.1       | 1.1        | 176       | 174        |  |
| 03/31/99   | --    | 456                                   | 2100*        | 0.118              | 19.7    | 1.5       | 1.6        | 151       | 157        |  |
| 12/22/99   | --    | 782                                   | 1.0          | 5.34               | 5.38    | 0.6       | 0.65       | -90       | -84        |  |
| <b>C-3</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 09/17/97   | --    | 340                                   | 0.012        | 100                | 33      | 2.1       | 0.8        | 59        | 67         |  |
| 03/12/98   | --    | 260                                   | 0.14         | 88                 | 32      | 2.8       | 2.5        | 165       | 163        |  |
| 03/31/99   | --    | 256                                   | <500*        | 18.4               | 72      | 4.1       | 3.3        | 101       | 89         |  |
| 12/22/99   | --    | 402                                   | 0.013        | 67.7               | 37.6    | 0.98      | 1.48       | 69        | 107        |  |
| <b>C-4</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 09/17/97   | --    | 540                                   | 5.9          | <1.0               | <1.0    | 0.6       | 0.2        | 102       | 107        |  |
| 03/12/98   | --    | 550                                   | 1.3          | <1.0               | 2.7     | 1.5       | 2.6        | 173       | 175        |  |
| 03/31/99   | --    | 492                                   | 1560*        | 0.191              | <1.0    | 1.8       | 2.2        | 170       | 176        |  |
| 12/22/99   | --    | 739                                   | 0.87         | 1.85               | 39.6    | 6.8       | 5.68       | -25       | 14         |  |
| <b>C-5</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 03/12/98   | --    | 210                                   | 0.074        | 69                 | 74      | 1.7       | 1.9        | 70        | 169        |  |
| 03/31/99   | --    | 254                                   | <500*        | 16.7               | 69.7    | 12.8      | 6.7        | 92        | 97         |  |

## Cumulative Table of Well Data and Analytical Results

\* (ppb) Parts per billion.

### ADDITIONAL ANALYSES

Analytical values are in parts per million (ppm) unless otherwise noted

| DATE       | Notes | Total                                 |              | Nitrate as Nitrate | Sulfate | D.O.      |            | ORP       |            |  |
|------------|-------|---------------------------------------|--------------|--------------------|---------|-----------|------------|-----------|------------|--|
|            |       | Alkalinity<br>mg CaCO <sub>3</sub> /L | Ferrous Iron |                    |         | Pre-Purge | Post-Purge | Pre-Purge | Post-Purge |  |
| <b>C-6</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 09/17/97   | --    | 620                                   | 1.1          | <1.0               | 18      | 1.5       | 1.2        | -57       | -48        |  |
| 03/12/98   | --    | 200                                   | 0.11         | 14                 | 14      | 14.1      | 11.3       | 173       | 174        |  |
| 03/31/99   | --    | 534                                   | <500*        | 0.849              | 45.3    | 9.8       | 8.4        | 162       | 168        |  |
| 12/22/99   | --    | 614                                   | 0.36         | 0.421              | 32      | 1.02      | 1.22       | -65       | -60        |  |
| <b>C-7</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 09/17/97   | --    | 600                                   | 4.8          | <1.0               | 18      | 0.6       | 0.4        | 126       | 115        |  |
| 03/12/98   | --    | 460                                   | 0.16         | <1.0               | 29      | 2.2       | 2.1        | 167       | 167        |  |
| 03/31/99   | --    | 486                                   | <500*        | <0.1               | 29.4    | 2.0       | 1.8        | 137       | 135        |  |
| 12/22/99   | --    | 400                                   | 1.6          | 0.434              | 16.9    | 1.8       | 1.5        | 20        | -60        |  |
| <b>C-8</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 03/12/98   | --    | 110                                   | 0.16         | 7.4                | 8.2     | 1.0       | 1.1        | 171       | 169        |  |
| 03/31/99   | --    | 264                                   | <500*        | 17                 | 71      | 1.8       | 1.5        | 149       | 132        |  |
| <b>C-9</b> |       |                                       |              |                    |         |           |            |           |            |  |
| 03/12/98   | --    | 230                                   | 0.048        | 59                 | 58      | 2.5       | 2.5        | 172       | 168        |  |
| 03/31/99   | --    | 236                                   | <500*        | 18                 | 72.7    | 2.1       | 2.3        | 154       | 142        |  |

\* (ppb) Parts per billion.

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.  
Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

#### ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl t-Butyl Ether

ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.

D.O. = Dissolved Oxygen



# Sequoia Analytical

885 Jarvis Drive  
Morgan Hill, CA 95037  
(408) 776-9600  
FAX (408) 782-6308

January 10, 2000

Leah Davis  
Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose, CA 95112

RE: Equiva 4411 Foothill Blvd., Oakland/M912863

Dear Leah Davis

Enclosed are the results of analyses for sample(s) received by the laboratory on December 23, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kayvan Kijnyai  
Project Manager D.M.

CA ELAP Certificate Number 1210





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**ANALYTICAL REPORT FOR M912863**

| Sample Description | Laboratory Sample Number | Sample Matrix | Date Sampled |
|--------------------|--------------------------|---------------|--------------|
| S-1                | M912863-01               | Water         | 12/22/99     |
| S-2                | M912863-02               | Water         | 12/22/99     |
| S-3                | M912863-03               | Water         | 12/22/99     |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

| Analyte                           | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits  | Reporting Limit | Result       | Units | Notes* |
|-----------------------------------|--------------|---------------|---------------|-------------------|-----------------|--------------|-------|--------|
| <b>S-1</b>                        |              |               |               | <b>M912863-01</b> |                 | <b>Water</b> |       |        |
| Purgeable Hydrocarbons            | 0010109      | 1/5/00        | 1/5/00        |                   | 500             | 2450         | ug/l  | 1,D    |
| Benzene                           | "            | "             | "             |                   | 5.00            | 50.2         | "     | D      |
| Toluene                           | "            | "             | "             |                   | 5.00            | 97.5         | "     | D      |
| Ethylbenzene                      | "            | "             | "             |                   | 5.00            | 139          | "     | D      |
| Xylenes (total)                   | "            | "             | "             |                   | 5.00            | 458          | "     | D      |
| Methyl tert-butyl ether           | "            | "             | "             |                   | 25.0            | 133          | "     | D      |
| Surrogate: a,a,a-Trifluorotoluene | "            | "             | "             | 70.0-130          |                 | 95.5         | %     |        |
| <b>S-2</b>                        |              |               |               | <b>M912863-02</b> |                 | <b>Water</b> |       |        |
| Purgeable Hydrocarbons            | 0010011      | 1/2/00        | 1/2/00        |                   | 250             | 316          | ug/l  | 1,D    |
| Benzene                           | "            | "             | "             |                   | 2.50            | 55.8         | "     | D      |
| Toluene                           | "            | "             | "             |                   | 2.50            | 10.1         | "     | D      |
| Ethylbenzene                      | "            | "             | "             |                   | 2.50            | 5.26         | "     | D      |
| Xylenes (total)                   | "            | "             | "             |                   | 2.50            | 10.4         | "     | D      |
| Methyl tert-butyl ether           | "            | "             | 1/5/00        |                   | 250             | 9410         | "     | 2,D    |
| Surrogate: a,a,a-Trifluorotoluene | "            | "             | 1/2/00        | 70.0-130          |                 | 116          | %     |        |
| <b>S-3</b>                        |              |               |               | <b>M912863-03</b> |                 | <b>Water</b> |       |        |
| Purgeable Hydrocarbons            | 0010011      | 1/2/00        | 1/2/00        |                   | 2500            | 9530         | ug/l  | 1,D    |
| Benzene                           | "            | "             | "             |                   | 25.0            | 207          | "     | D      |
| Toluene                           | "            | "             | "             |                   | 25.0            | 132          | "     | D      |
| Ethylbenzene                      | "            | "             | "             |                   | 25.0            | 603          | "     | D      |
| Xylenes (total)                   | "            | "             | "             |                   | 25.0            | 1450         | "     | D      |
| Methyl tert-butyl ether           | "            | "             | "             |                   | 125             | 616          | "     | D      |
| Surrogate: a,a,a-Trifluorotoluene | "            | "             | "             | 70.0-130          |                 | 88.8         | %     |        |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Hydrocarbons as Motor Oil by DHS LUFT  
Sequoia Analytical - Morgan Hill**

| Analyte                   | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits         | Reporting Limit | Result       | Units               | Notes* |
|---------------------------|--------------|---------------|---------------|--------------------------|-----------------|--------------|---------------------|--------|
| <b>S-1</b>                |              |               |               | <b><u>M912863-01</u></b> |                 |              | <b><u>Water</u></b> |        |
| Motor Oil (C16-C36)       | 0010130      | 1/5/00        | 1/6/00        |                          | 0.500           | ND           | mg/l                |        |
| Diesel Range Hydrocarbons | "            | "             | "             |                          | 0.0500          | <b>0.444</b> | "                   | 3      |
| Surrogate: n-Pentacosane  | "            | "             | "             | 50.0-150                 |                 | 82.4         | %                   |        |
| <b>S-2</b>                |              |               |               | <b><u>M912863-02</u></b> |                 |              | <b><u>Water</u></b> |        |
| Motor Oil (C16-C36)       | 0010130      | 1/5/00        | 1/6/00        |                          | 0.500           | ND           | mg/l                |        |
| Diesel Range Hydrocarbons | "            | "             | "             |                          | 0.0500          | <b>0.142</b> | "                   | 3      |
| Surrogate: n-Pentacosane  | "            | "             | "             | 50.0-150                 |                 | 89.6         | %                   |        |
| <b>S-3</b>                |              |               |               | <b><u>M912863-03</u></b> |                 |              | <b><u>Water</u></b> |        |
| Motor Oil (C16-C36)       | 0010130      | 1/5/00        | 1/6/00        |                          | 0.500           | ND           | mg/l                |        |
| Diesel Range Hydrocarbons | "            | "             | "             |                          | 0.0500          | <b>2.27</b>  | "                   | 3      |
| Surrogate: n-Pentacosane  | "            | "             | "             | 50.0-150                 |                 | 103          | %                   |        |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**MTBE by EPA Method 8260A  
Sequoia Analytical - Morgan Hill**

| Analyte                                      | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits  | Reporting Limit | Result      | Units                | Notes* |
|--|--------------|---------------|---------------|-------------------|-----------------|-------------|----------------------|--------|
| <u>S-2</u><br><b>Methyl tert-butyl ether</b> | 0010224      | 1/6/00        | 1/7/00        | <u>M912863-02</u> | 250             | <b>8810</b> | <u>Water</u><br>ug/l | D      |
| Surrogate: 1,2-Dichloroethane-d4             | "            | "             | "             | 70.0-130          |                 | 71.2        | %                    |        |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Total Metals by EPA 6000/7000 Series Methods  
Sequoia Analytical - Morgan Hill**

| Analyte                    | Batch Number | Date Prepared | Date Analyzed | Specific Method                | Reporting Limit | Result | Units         | Notes* |
|----------------------------|--------------|---------------|---------------|--------------------------------|-----------------|--------|---------------|--------|
| <u>S-1</u><br>Ferrous Iron | 0010087      | 12/28/99      | 12/28/99      | <u>M912863-01</u><br>EPA 6010A | 0.0100          | 0.0670 | Water<br>mg/l |        |
| <u>S-2</u><br>Ferrous Iron | 0010087      | 12/28/99      | 12/28/99      | <u>M912863-02</u><br>EPA 6010A | 0.0100          | 0.0540 | Water<br>mg/l |        |
| <u>S-3</u><br>Ferrous Iron | 0010087      | 12/28/99      | 12/28/99      | <u>M912863-03</u><br>EPA 6010A | 0.0100          | 1.30   | Water<br>mg/l |        |







|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Anions by EPA Method 300.0  
Sequoia Analytical - Morgan Hill**

| Analyte           | Batch Number | Date Prepared | Date Analyzed | Specific Method          | Reporting Limit | Result | Units               | Notes* |
|-------------------|--------------|---------------|---------------|--------------------------|-----------------|--------|---------------------|--------|
| <b><u>S-1</u></b> |              |               |               |                          |                 |        |                     |        |
|                   |              |               |               | <b><u>M912863-01</u></b> |                 |        | <b><u>Water</u></b> |        |
| Nitrate as NO3    | 9120867      | 12/28/99      | 12/28/99      | EPA 300.0                | 1.00            | ND     | mg/l                | D      |
| Sulfate as SO4    | "            | "             | "             | EPA 300.0                | 5.00            | 12.1   | "                   | D      |
| <b><u>S-2</u></b> |              |               |               |                          |                 |        |                     |        |
|                   |              |               |               | <b><u>M912863-02</u></b> |                 |        | <b><u>Water</u></b> |        |
| Nitrate as NO3    | 9120867      | 12/28/99      | 12/28/99      | EPA 300.0                | 1.00            | ND     | mg/l                | D      |
| Sulfate as SO4    | "            | "             | "             | EPA 300.0                | 5.00            | 24.3   | "                   | D      |
| <b><u>S-3</u></b> |              |               |               |                          |                 |        |                     |        |
|                   |              |               |               | <b><u>M912863-03</u></b> |                 |        | <b><u>Water</u></b> |        |
| Nitrate as NO3    | 9120867      | 12/28/99      | 12/28/99      | EPA 300.0                | 1.00            | ND     | mg/l                | D      |
| Sulfate as SO4    | "            | "             | "             | EPA 300.0                | 5.00            | 5.65   | "                   | D      |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill Blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

| Analyte                           | Date Analyzed | Spike Level | Sample Result                  | QC Result | Units | Reporting Limit<br>Recov. Limits          | Recov. % | RPD Limit | RPD % | Notes* |
|-----------------------------------|---------------|-------------|--------------------------------|-----------|-------|---|----------|-----------|-------|--------|
| <b>Batch: 0010011</b>             |               |             | <b>Date Prepared: 1/2/00</b>   |           |       | <b>Extraction Method: EPA 5030B [P/T]</b> |          |           |       |        |
| <b>Blank</b>                      |               |             | <b>0010011-BLK1</b>            |           |       |   |          |           |       |        |
| Purgeable Hydrocarbons            | 1/2/00        |             |                                | ND        | ug/l  | 50.0                                      |          |           |       |        |
| Benzene                           | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Toluene                           | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Ethylbenzene                      | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Xylenes (total)                   | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Methyl tert-butyl ether           | "             |             |                                | ND        | "     | 2.50                                      |          |           |       |        |
| Surrogate: a,a,a-Trifluorotoluene | "             | 10.0        |                                | 8.54      | "     | 70.0-130                                  | 85.4     |           |       |        |
| <b>LCS</b>                        |               |             | <b>0010011-BS1</b>             |           |       |   |          |           |       |        |
| Benzene                           | 1/2/00        | 10.0        |                                | 7.43      | ug/l  | 70.0-130                                  | 74.3     |           |       |        |
| Toluene                           | "             | 10.0        |                                | 7.87      | "     | 70.0-130                                  | 78.7     |           |       |        |
| Ethylbenzene                      | "             | 10.0        |                                | 9.14      | "     | 70.0-130                                  | 91.4     |           |       |        |
| Xylenes (total)                   | "             | 30.0        |                                | 27.3      | "     | 70.0-130                                  | 91.0     |           |       |        |
| Surrogate: a,a,a-Trifluorotoluene | "             | 10.0        |                                | 8.81      | "     | 70.0-130                                  | 88.1     |           |       |        |
| <b>Matrix Spike</b>               |               |             | <b>0010011-MS1 M912867-03</b>  |           |       |   |          |           |       |        |
| Benzene                           | 1/2/00        | 10.0        | 1.53                           | 9.19      | ug/l  | 60.0-140                                  | 76.6     |           |       |        |
| Toluene                           | "             | 10.0        | 1.08                           | 9.22      | "     | 60.0-140                                  | 81.4     |           |       |        |
| Ethylbenzene                      | "             | 10.0        | ND                             | 9.79      | "     | 60.0-140                                  | 97.9     |           |       |        |
| Xylenes (total)                   | "             | 30.0        | 0.660                          | 28.8      | "     | 60.0-140                                  | 93.8     |           |       |        |
| Surrogate: a,a,a-Trifluorotoluene | "             | 10.0        |                                | 9.80      | "     | 70.0-130                                  | 98.0     |           |       |        |
| <b>Matrix Spike Dup</b>           |               |             | <b>0010011-MSD1 M912867-03</b> |           |       |   |          |           |       |        |
| Benzene                           | 1/2/00        | 10.0        | 1.53                           | 9.02      | ug/l  | 60.0-140                                  | 74.9     | 25.0      | 2.24  |        |
| Toluene                           | "             | 10.0        | 1.08                           | 9.01      | "     | 60.0-140                                  | 79.3     | 25.0      | 2.61  |        |
| Ethylbenzene                      | "             | 10.0        | ND                             | 9.52      | "     | 60.0-140                                  | 95.2     | 25.0      | 2.80  |        |
| Xylenes (total)                   | "             | 30.0        | 0.660                          | 27.8      | "     | 60.0-140                                  | 90.5     | 25.0      | 3.58  |        |
| Surrogate: a,a,a-Trifluorotoluene | "             | 10.0        |                                | 9.77      | "     | 70.0-130                                  | 97.7     |           |       |        |
| <b>Batch: 0010109</b>             |               |             | <b>Date Prepared: 1/5/00</b>   |           |       | <b>Extraction Method: EPA 5030B [P/T]</b> |          |           |       |        |
| <b>Blank</b>                      |               |             | <b>0010109-BLK1</b>            |           |       |   |          |           |       |        |
| Purgeable Hydrocarbons            | 1/5/00        |             |                                | ND        | ug/l  | 50.0                                      |          |           |       |        |
| Benzene                           | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Toluene                           | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Ethylbenzene                      | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Xylenes (total)                   | "             |             |                                | ND        | "     | 0.500                                     |          |           |       |        |
| Methyl tert-butyl ether           | "             |             |                                | ND        | "     | 2.50                                      |          |           |       |        |
| Surrogate: a,a,a-Trifluorotoluene | "             | 10.0        |                                | 10.4      | "     | 70.0-130                                  | 104      |           |       |        |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

| Analyte                                   | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit<br>Recov. Limits | Recov.<br>% | RPD<br>Limit | RPD<br>% | Notes* |
|---|---------------|-------------|---------------|-----------|-------|----------------------------------|-------------|--------------|----------|--------|
| <b>LCS</b>                                |               |             |               |           |       |                                  |             |              |          |        |
| <b><u>0010109-BS1</u></b>                 |               |             |               |           |       |                                  |             |              |          |        |
| Purgeable Hydrocarbons                    | 1/5/00        | 250         |               | 224       | ug/l  | 70.0-130                         | 89.6        |              |          |        |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | "             | 10.0        |               | 7.55      | "     | 70.0-130                         | 75.5        |              |          |        |
| <b>LCS Dup</b>                            |               |             |               |           |       |                                  |             |              |          |        |
| <b><u>0010109-BSD1</u></b>                |               |             |               |           |       |                                  |             |              |          |        |
| Purgeable Hydrocarbons                    | 1/5/00        | 250         |               | 264       | ug/l  | 70.0-130                         | 106         | 25.0         | 16.8     |        |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | "             | 10.0        |               | 8.21      | "     | 70.0-130                         | 82.1        |              |          |        |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Hydrocarbons as Motor Oil by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

| Analyte                          | Date Analyzed | Spike Level                  | Sample Result | QC Result                           | Units | Reporting Limit<br>Recov. Limits | Recov.<br>% | RPD<br>Limit | RPD<br>% | Notes* |
|----------------------------------|---------------|------------------------------|---------------|-------------------------------------|-------|----------------------------------|-------------|--------------|----------|--------|
| <b>Batch: 0010130</b>            |               | <b>Date Prepared: 1/5/00</b> |               | <b>Extraction Method: EPA 3510B</b> |       |                                  |             |              |          |        |
| <b>Blank</b>                     |               | <b>0010130-BLK1</b>          |               |                                     |       |                                  |             |              |          |        |
| Motor Oil (C16-C36)              | 1/6/00        |                              |               | ND                                  | mg/l  | 0.500                            |             |              |          |        |
| Diesel Range Hydrocarbons        | "             |                              |               | ND                                  | "     | 0.0500                           |             |              |          |        |
| Surrogate: <i>n</i> -Pentacosane | "             | 0.100                        |               | 0.0848                              | "     | 50.0-150                         | 84.8        |              |          |        |
| <b>LCS</b>                       |               | <b>0010130-BS1</b>           |               |                                     |       |                                  |             |              |          |        |
| Diesel Range Hydrocarbons        | 1/6/00        | 1.00                         |               | 0.753                               | mg/l  | 60.0-140                         | 75.3        |              |          |        |
| Surrogate: <i>n</i> -Pentacosane | "             | 0.100                        |               | 0.0932                              | "     | 50.0-150                         | 93.2        |              |          |        |
| <b>LCS Dup</b>                   |               | <b>0010130-BSD1</b>          |               |                                     |       |                                  |             |              |          |        |
| Diesel Range Hydrocarbons        | 1/6/00        | 1.00                         |               | 0.689                               | mg/l  | 60.0-140                         | 68.9        | 50.0         | 8.88     |        |
| Surrogate: <i>n</i> -Pentacosane | "             | 0.100                        |               | 0.0752                              | "     | 50.0-150                         | 75.2        |              |          |        |





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose, CA 95112

Project: Equiva  
Project Number: 4411 Foothill blvd.  
Project Manager: Leah Davis

Sampled: 12/22/99  
Received: 12/23/99  
Reported: 1/10/00

**MTBE by EPA Method 8260A/Quality Control  
Sequoia Analytical - Morgan Hill**

| Analyte                          | Date Analyzed | Spike Level | Sample Result                  | QC Result | Units | Reporting Limit<br>Recov. Limits          | Recov. % | RPD Limit | RPD % | Notes* |
|----------------------------------|---------------|-------------|--------------------------------|-----------|-------|---|----------|-----------|-------|--------|
| <b>Batch: 0010224</b>            |               |             | <b>Date Prepared: 1/6/00</b>   |           |       | <b>Extraction Method: EPA 5030B (P/T)</b> |          |           |       |        |
| <b>Blank</b>                     |               |             | <b>0010224-BLK1</b>            |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/6/00        |             |                                | ND        | ug/l  | 0.500                                     |          |           |       |        |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 7.29      | "     | 70.0-130                                  | 72.9     |           |       |        |
| <b>Blank</b>                     |               |             | <b>0010224-BLK2</b>            |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/7/00        |             |                                | ND        | ug/l  | 0.500                                     |          |           |       |        |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 8.52      | "     | 70.0-130                                  | 85.2     |           |       |        |
| <b>Blank</b>                     |               |             | <b>0010224-BLK3</b>            |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/8/00        |             |                                | ND        | ug/l  | 0.500                                     |          |           |       |        |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 7.80      | "     | 70.0-130                                  | 78.0     |           |       |        |
| <b>LCS</b>                       |               |             | <b>0010224-BS1</b>             |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/6/00        | 10.0        |                                | 8.36      | ug/l  | 70.0-130                                  | 83.6     |           |       |        |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 7.77      | "     | 70.0-130                                  | 77.7     |           |       |        |
| <b>LCS</b>                       |               |             | <b>0010224-BS2</b>             |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/7/00        | 10.0        |                                | 8.68      | ug/l  | 70.0-130                                  | 86.8     |           |       |        |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 7.65      | "     | 70.0-130                                  | 76.5     |           |       |        |
| <b>LCS</b>                       |               |             | <b>0010224-BS3</b>             |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/8/00        | 10.0        |                                | 8.00      | ug/l  | 70.0-130                                  | 80.0     |           |       |        |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 7.68      | "     | 70.0-130                                  | 76.8     |           |       |        |
| <b>Matrix Spike</b>              |               |             | <b>0010224-MS1 M912773-03</b>  |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/6/00        | 1000        | 1410                           | 1910      | ug/l  | 70.0-130                                  | 50.0     |           |       | 4,D    |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 7.60      | "     | 70.0-130                                  | 76.0     |           |       |        |
| <b>Matrix Spike Dup</b>          |               |             | <b>0010224-MSD1 M912773-03</b> |           |       |   |          |           |       |        |
| Methyl tert-butyl ether          | 1/6/00        | 1000        | 1410                           | 1890      | ug/l  | 70.0-130                                  | 48.0     | 25.0      | 4.08  | 4,D    |
| Surrogate: 1,2-Dichloroethane-d4 | "             | 10.0        |                                | 7.78      | "     | 70.0-130                                  | 77.8     |           |       |        |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Total Metals by EPA 6000/7000 Series Methods/Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte                 | Date Analyzed | Spike Level | Sample Result                  | QC Result | Units | Reporting Limit<br>Recov. Limits    | Recov. % | RPD Limit | RPD % | Notes* |
|-------------------------|---------------|-------------|--------------------------------|-----------|-------|-------------------------------------|----------|-----------|-------|--------|
| <b>Batch: 0010087</b>   |               |             | <b>Date Prepared: 12/28/99</b> |           |       | <b>Extraction Method: EPA 3020A</b> |          |           |       |        |
| <b>Blank</b>            |               |             | <b>0010087-BLK1</b>            |           |       |                                     |          |           |       |        |
| Ferrous Iron            | 12/28/99      |             |                                | ND        | mg/l  | 0.0100                              |          |           |       |        |
| <b>LCS</b>              |               |             | <b>0010087-BS1</b>             |           |       |                                     |          |           |       |        |
| Ferrous Iron            | 12/28/99      | 1.00        |                                | 1.10      | mg/l  | 80.0-120                            | 110      |           |       |        |
| <b>Matrix Spike</b>     |               |             | <b>0010087-MS1 M912862-04</b>  |           |       |                                     |          |           |       |        |
| Ferrous Iron            | 12/28/99      | 1.00        | 1.90                           | 3.00      | mg/l  | 80.0-120                            | 110      |           |       |        |
| <b>Matrix Spike Dup</b> |               |             | <b>0010087-MSD1 M912862-04</b> |           |       |                                     |          |           |       |        |
| Ferrous Iron            | 12/28/99      | 1.00        | 1.90                           | 2.90      | mg/l  | 80.0-120                            | 100      | 20.0      | 9.52  |        |





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose, CA 95112

Project: Equiva  
Project Number: 4411 Foothill blvd.  
Project Manager: Leah Davis

Sampled: 12/22/99  
Received: 12/23/99  
Reported: 1/10/00

**Anions by EPA Method 300.0/Quality Control  
Sequoia Analytical - Morgan Hill**

| Analyte               | Date Analyzed | Spike Level | Sample Result                  | QC Result | Units | Reporting Limit<br>Recov. Limits              | Recov. % | RPD Limit | RPD % | Notes* |
|-----------------------|---------------|-------------|--------------------------------|-----------|-------|---|----------|-----------|-------|--------|
| <b>Batch: 9120867</b> |               |             | <b>Date Prepared: 12/28/99</b> |           |       | <b>Extraction Method: General Preparation</b> |          |           |       |        |
| <b>Blank</b>          |               |             |                                |           |       |   |          |           |       |        |
| Nitrate as NO3        | 12/28/99      |             |                                | ND        | mg/l  | 1.00  |          |           |       |        |
| Sulfate as SO4        | "             |             |                                | ND        | "     | 0.500   |          |           |       |        |
| <b>LCS</b>            |               |             |                                |           |       |   |          |           |       |        |
| Nitrate as NO3        | 12/28/99      | 10.0        |                                | 9.73      | mg/l  | 80.0-120                                      | 97.3     |           |       |        |
| Sulfate as SO4        | "             | 10.0        |                                | 9.61      | "     | 80.0-120                                      | 96.1     |           |       |        |





|  |   |  |
|--|---|--|
| Blaine Tech Services (Shell)<br>1680 Rogers Avenue<br>San Jose, CA 95112 | Project: Equiva<br>Project Number: 4411 Foothill blvd.<br>Project Manager: Leah Davis | Sampled: 12/22/99<br>Received: 12/23/99<br>Reported: 1/10/00 |
|--|---|--|

**Notes and Definitions**

| #      | Note  |
|--------|---|
| D      | Data reported from a dilution.  |
| 1      | Chromatogram Pattern: Gasoline C6-C12   |
| 2      | Sample was analyzed at a second dilution per clients request.   |
| 3      | Chromatogram Pattern: Unidentified Hydrocarbons C9-C24  |
| 4      | The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch. |
| DET    | Analyte DETECTED  |
| ND     | Analyte NOT DETECTED at or above the reporting limit  |
| NR     | Not Reported  |
| dry    | Sample results reported on a dry weight basis   |
| Recov. | Recovery  |
| RPD    | Relative Percent Difference   |





# BLAINE

TECH SERVICES INC.

1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105  
FAX (408) 573-7771  
PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT  
Equiva - Karen Petryna

SITE  
4411 Foothill Blvd.

Oakland, CA

991222m-2

| SAMPLE I.D. | DATE     | TIME | MATRIX   |         | CONTAINERS |      | C - COMPOSITE ALL CONTAINERS | TPH - gas, BTEX | MTBE by 8020 | MTBE by 8260 | TPH - diesel | Oxygenates by 8260 | 1,2-DCA & EDB by 8010 | Motor oil | Nitrate, Sulfate, Ferrum Iron | ADD'L INFORMATION               | STATUS | CONDITION | LAB SAMPLE # |
|-------------|----------|------|----------|---------|------------|------|------------------------------|-----------------|--------------|--------------|--------------|--------------------|-----------------------|-----------|-------------------------------|---------------------------------|--------|-----------|--------------|
|             |          |      | S - SOIL | W - H2O | TOTAL      | TYPE |                              |                 |              |              |              |                    |                       |           |                               |                                 |        |           |              |
| S-1         | 12-22-99 | 1700 | W        | S       | 8          | UAT  |                              | X               | X            |              | X            |                    |                       | X         | X                             |                                 |        |           | 01           |
| S-2         | 12-22-99 | 1605 | W        | S       | 8          | ALLS |                              | X               | X            |              | X            |                    |                       | X         | X                             | Revised                         |        |           | 02           |
| S-3         | 12-22-99 | 1650 | W        | S       | 8          | Poly |                              | X               | X            |              | X            |                    |                       | X         | X                             | Confirm Highest<br>MTBE by 8260 |        |           | 03           |

SAMPLING COMPLETED: 12-22-99 1400  
SAMPLING PERFORMED BY: Mark N. Sorenson  
RESULTS NEEDED NO LATER THAN:

RELEASED BY: Mark N. Sorenson DATE: 12/23/99 TIME: 14:25 RECEIVED BY: [Signature] DATE: 12-23 TIME: 14:22

RELEASED BY: DATE: TIME: RECEIVED BY: DATE: TIME:

RELEASED BY: DATE: TIME: RECEIVED BY: DATE: TIME:

SHIPPED VIA: DATE SENT: TIME SENT: COOLER #:

## CONDUCT ANALYSIS TO DETECT

LAB: \_\_\_\_\_ DHS # \_\_\_\_\_  
ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND  
 EPA  RWOCB REGION \_\_\_\_\_  
 LIA  
 OTHER

SPECIAL INSTRUCTIONS  
Send invoice to Equiva  
Incident # 98995746  
Send report to Blaine Tech Services  
Attn: Ann Pember

M 912863

DEC -27-99 (MON) 11:27  
BLAINE TECH SERVICES, INC  
TEL: 408 573 7771  
P. 002



## EQUIVA WELL MONITORING DATA SHEET

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Project #: 991222M-2            | Job # 204-5508-3400               |
| Sampler: Mark S.                | Date: 12-22-99                    |
| Well I.D.: S-1                  | Well Diameter: 2 3 ④ 6 8          |
| Total Well Depth: 24.91         | Depth to Water: 9.42              |
| Depth to Free Product:          | Thickness of Free Product (feet): |
| Referenced to: PVC <u>Grade</u> | D.O. Meter (if req'd): YSI HACH   |

| Well Diameter | Multiplier | Well Diameter | Multiplier                  |
|---------------|------------|---------------|-----------------------------|
| 2"            | 0.16       | 5"            | 1.02                        |
| 3"            | 0.37       | 6"            | 1.47                        |
| 4"            | 0.65       | Other         | radius <sup>2</sup> * 0.163 |

Purge Method: Bailer Middleburg Electric Submersible Extraction Pump

Sampling Method: Bailer Extraction Port Other: \_\_\_\_\_

Other: \_\_\_\_\_

|                       |   |                   |   |                   |       |
|-----------------------|---|-------------------|---|-------------------|-------|
| 10.0                  | x | 3                 | = | 30.0              | Gals. |
| 1 Case Volume (Gals.) |   | Specified Volumes |   | Calculated Volume |       |

| Time | Temp (°F) | pH  | Cond. | Turbidity | Gals. Removed | Observations |
|------|-----------|-----|-------|-----------|---------------|--------------|
| 1710 | 63.5      | 9.1 | 950   | 36.2      | 10            | Strong odor  |
| 1712 | 65.6      | 8.4 | 990   | 24.9      | 20            |              |
| 1714 | 67.0      | 8.6 | 1000  | 20.6      | 30            |              |
|      |           |     |       |           |               |              |
|      |           |     |       |           |               |              |

Did well dewater? Yes  No  Gallons actually evacuated: 30

Sampling Time: 1730 Sampling Date: 12-22-99

Sample I.D.: S-1 Laboratory: Sigma BC Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

|                    |            |           |             |           |
|--------------------|------------|-----------|-------------|-----------|
| D.O. (if req'd):   | Pre-purge: | 1.80 mg/L | Post-purge: | 2.30 mg/L |
| O.R.P. (if req'd): | Pre-purge: | -49 mV    | Post-purge: | -142 mV   |

## EQUIVA WELL MONITORING DATA SHEET

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Project #: 991222M-2            | Job # 204-5508-3400               |
| Sampler: Mark 5.                | Date: 12-22-99                    |
| Well I.D.: S-2                  | Well Diameter: 2 3 ④ 6 8          |
| Total Well Depth: 22.52         | Depth to Water: 10.13             |
| Depth to Free Product:          | Thickness of Free Product (feet): |
| Referenced to: PVC <u>Grade</u> | D.O. Meter (if req'd): YSI HACH   |

| Well Diameter | Multiplier | Well Diameter | Multiplier                  |
|---------------|------------|---------------|-----------------------------|
| 2"            | 0.16       | 5"            | 1.02                        |
| 3"            | 0.37       | 6"            | 1.47                        |
| 4"            | 0.65       | Other         | radius <sup>2</sup> * 0.163 |

Purge Method: Bailer Middleburg Electric Submersible Extraction Pump Other: \_\_\_\_\_

Sampling Method: Bailer Extraction Port Other: \_\_\_\_\_

|                       |   |                   |   |                   |       |
|-----------------------|---|-------------------|---|-------------------|-------|
| 8.0                   | x | 3                 | = | 24                | Gals. |
| 1 Case Volume (Gals.) |   | Specified Volumes |   | Calculated Volume |       |

| Time | Temp (°F) | pH  | Cond. | Turbidity | Gals. Removed | Observations |
|------|-----------|-----|-------|-----------|---------------|--------------|
| 1545 | 67.4      | 7.9 | 1280  | 82.8      | 8             |              |
| 1546 | 70.0      | 8.0 | 1320  | 45.9      | 16            |              |
| 1547 | 70.7      | 8.0 | 1310  | 34.6      | 24            |              |
|      |           |     |       |           |               |              |
|      |           |     |       |           |               |              |

Did well dewater? Yes  No  Gallons actually evacuated: 24

Sampling Time: 1605 Sampling Date: 12-22-99

Sample I.D.: S-2 Laboratory: Sequoia BC Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

|                    |            |           |             |           |
|--------------------|------------|-----------|-------------|-----------|
| D.O. (if req'd):   | Pre-purge: | 9.60 mg/L | Post-purge: | 5.20 mg/L |
| O.R.P. (if req'd): | Pre-purge: | -90 mV    | Post-purge: | -46 mV    |

## EQUIVA WELL MONITORING DATA SHEET

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Project #: <u>991222 m-2</u>    | Job # <u>204-5508-3400</u>        |
| Sampler: <u>Mark S.</u>         | Date: <u>12-22-99</u>             |
| Well I.D.: <u>S-3</u>           | Well Diameter: 2 3 <u>4</u> 6 8   |
| Total Well Depth: <u>20.55</u>  | Depth to Water: <u>9.50</u>       |
| Depth to Free Product:          | Thickness of Free Product (feet): |
| Referenced to: PVC <u>Grade</u> | D.O. Meter (if req'd): YSI HACH   |

| Well Diameter | Multiplier | Well Diameter | Multiplier                  |
|---------------|------------|---------------|-----------------------------|
| 2"            | 0.16       | 5"            | 1.02                        |
| 3"            | 0.37       | 6"            | 1.47                        |
| 4"            | 0.65       | Other         | radius <sup>2</sup> * 0.163 |

Purge Method: Bailer      Sampling Method: Bailer  
Middleburg      Extraction Port  
Electric Submersible      Other: \_\_\_\_\_  
Extraction Pump  
 Other: \_\_\_\_\_

|                       |   |                   |   |                   |       |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>7.1</u>            | x | <u>3</u>          | = | <u>21.3</u>       | Gals. |
| 1 Case Volume (Gals.) |   | Specified Volumes |   | Calculated Volume |       |

| Time | Temp (°F) | pH  | Cond. | Turbidity | Gals. Removed | Observations |
|------|-----------|-----|-------|-----------|---------------|--------------|
| 1630 | 64.5      | 8.0 | 1290  | 35.4      | 8             | odor         |
| 1631 | 67.0      | 7.6 | 810   | 24.9      | 16            |              |
| 1632 | 68.4      | 7.4 | 700   | 13.6      | 22            |              |
|      |           |     |       |           |               |              |
|      |           |     |       |           |               |              |

Did well dewater? Yes  No       Gallons actually evacuated: 22

Sampling Time: 1650      Sampling Date: 12-22-99

Sample I.D.: S-3      Laboratory: Sequoia BC Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

|                    |                             |                              |
|--------------------|-----------------------------|------------------------------|
| D.O. (if req'd):   | Pre-purge: <u>0.98</u> mg/L | Post-purge: <u>0.80</u> mg/L |
| O.R.P. (if req'd): | Pre-purge: <u>+16</u> mV    | Post-purge: <u>-57</u> mV    |