CAMBRIA

ENVIRONMENTAL PROTECTION
99 OCT 13 PM 3:19

October 8, 1999

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

Re: **Third Quarter 1999 Monitoring Report**
Former Shell Service Station
2800 Telegraph Avenue
Oakland, California
Incident #97093398
Cambria Project #241-1507-002

Dear Ms. Hugo:

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

## THIRD QUARTER 1999 ACTIVITIES

***Ground Water Monitoring:*** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells. Blaine calculated ground water elevations and compiled the analytical data. Cambria prepared a ground water elevation contour map (Figure 1). The Blaine report, presenting the laboratory report and including supporting field documents, is included as Attachment A.

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

## ANTICIPATED FOURTH QUARTER 1999 ACTIVITIES

***Request for Reduction in Ground Water Sampling:*** Based on the low to non-detectable dissolved-phase concentrations of hydrocarbons at the site, Cambria respectfully requests the following revised ground water sampling schedule:

- S-1: Sample annually in first quarter of 2000 (1Q00);
- S-4: Sample annually in 1Q00;
- S-5: Sample semi-annually in 1Q00 and 3Q00;
- S-6: Sample semi-annually in 1Q00 and 3Q00;
- S-7: Sample semi-annually in 1Q00 and 3Q00;
- S-8: Sample annually in 1Q00;
- S-9: Sample annually in 1Q00;
- S-10: Sample annually in 1Q00;
- S-11: Sample annually in 1Q00; and
- SR-1: Sample annually in 1Q00.

***Ground Water Monitoring:*** Blaine will gauge all wells and tabulate the data. If approved, Cambria will implement the above proposed schedule. Cambria will prepare a monitoring report.

**CLOSING**

We appreciate the opportunity to work with you on this project. Please call Troy Buggle at (510) 420-3333 if you have any questions or comments.

Sincerely,
**Cambria Environmental Technology, Inc**

Troy A. Buggle
Senior Staff Scientist


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

Figure: 1 - Ground Water Elevation Contour Map
Attachment: A - Blaine Ground Water Monitoring Report

cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California 90749-6249

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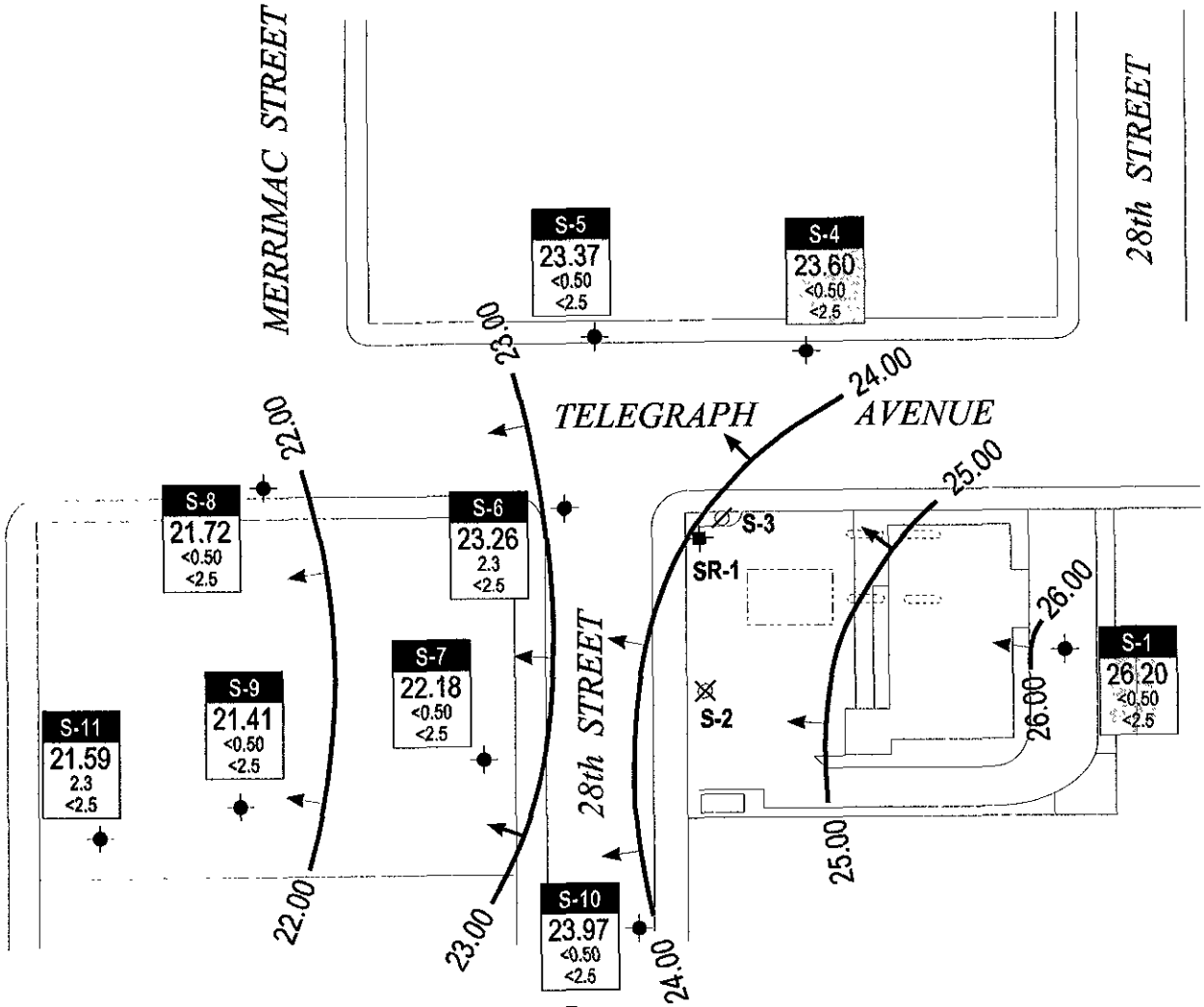


## EXPLANATION

- MW-1 ⊕ Monitoring well location
- S-2 ⊠ Destroyed monitoring well location
- S-3 ⊘ Monitoring well paved over
- SR-1 ■ Recovery well location
- → Ground water flow direction
- XX.XX Ground water elevation contour, in feet above mean sea level (msl); dashed where inferred
- Well designation
- ELEV Ground water elevation (msl)
- Benzene / MTBE Benzene and MTBE concentrations are in parts per billion (ppb)

N

0 30 60

Scale (ft)

FIGURE

1

*Base map taken from Weiss Associates Site Map*

G:\OAK2600\FIGURES\3QM99-MP.DWG

**Former Shell Service Station**
2800 Telegraph Avenue
Oakland, California
Incident #97093398

CAMBRIA

**Ground Water Elevation Contour Map**

August 17, 1999

**ATTACHMENT A**

Blaine Ground Water 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



August 12, 1999

Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

Third Quarter 1999 Groundwater Monitoring at
Shell -branded Service Station
2800 Telegraph Avenue
Oakland, CA

Monitoring performed on July 9, 1999

Groundwater Monitoring Report **990709-Z-1**

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, apprioriate 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,

Deidre Kerwin
Operations Manager

DK/mt

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

cc: Joe Neely
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | 05/04/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 9.50 | 25.81 | 0.00 |
| S-1 | 08/10/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 10.85 | 24.46 | 0.00 |
| S-1 | 11/09/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 10.34 | 24.97 | 0.00 |
| S-1 | 02/23/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 7.60 | 27.71 | 0.00 |
| S-1 | 06/07/1993 | <50 | 2.8 | 1.3 | 0.7 | 3.0 | NA | NA | 35.31 | 8.63 | 26.68 | 0.00 |
| S-1 | 08/13/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 9.20 | 26.11 | 0.00 |
| S-1 | 11/18/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 10.58 | 24.73 | 0.00 |
| S-1 | 02/10/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 8.41 | 26.90 | 0.00 |
| S-1 | 05/03/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 9.09 | 26.22 | 0.00 |
| S-1 | 08/01/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 8.81 | 26.50 | 0.00 |
| S-1 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 9.32 | 25.99 | 0.00 |
| S-1 | 02/03/1995 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 6.98 | 28.33 | 0.00 |
| S-1 | 08/02/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 35.31 | 9.35 | 25.96 | 0.00 |
| S-1 | 02/02/1996 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 7.45 | 27.86 | 0.00 |
| S-1 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 8.91 | 26.40 | 0.00 |
| S-1 | 08/02/1996 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 35.31 | 9.33 | 25.98 | 0.00 |
| S-1 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 10.11 | 25.20 | 0.00 |
| S-1 | 01/08/1997 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 7.93 | 27.38 | 0.00 |
| S-1 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 8.94 | 26.37 | 0.00 |
| S-1 | 07/01/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 35.31 | 9.55 | 25.76 | 0.00 |
| S-1 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 9.43 | 25.88 | 0.00 |
| S-1 | 01/07/1998 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 8.21 | 27.10 | 0.00 |
| S-1 | 04/02/1998 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 8.27 | 27.04 | 0.00 |
| S-1 | 07/02/1998 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 35.31 | 8.97 | 26.34 | 0.00 |
| S-1 | 10/01/1998 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 9.89 | 25.42 | 0.00 |
| S-1 | 01/12/1999 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 8.45 | 26.86 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | 04/19/1999 | NA | NA | NA | NA | NA | NA | NA | 35.31 | 9.04 | 26.27 | 0.00 |
| S-1 | 07/09/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 35.31 | 9.11 | 26.20 | 0.00 |
| S-2 | 05/04/1992 | 1600 | 190 | 6.0 | 240 | 54 | NA | NA | 33.91 | 9.44 | 24.47 | 0.00 |
| S-2 | 08/10/1992 | <50 | 4.1 | <0.5 | <0.5 | <0.5 | NA | NA | 33.91 | 10.73 | 23.18 | 0.00 |
| S-2 | 09/11/1992 | 84 | 19 | 0.7 | 2.2 | 4.3 | NA | NA | 33.91 | NA | NA | NA |
| S-2 | 11/09/1992 | NA | NA | NA | NA | NA | NA | NA | 33.91 | 10.29 | 23.62 | 0.00 |
| S-2 | 02/23/1993 | 16000 | 1600 | 480 | 850 | 1800 | NA | NA | 33.91 | 9.04 | 24.87 | 0.00 |
| S-2 | 04/08/1993 | Well destroyed | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| S-3 | 05/04/1992 | NA | NA | NA | NA | NA | NA | NA | 33.56 | 9.22 | 24.34 | 0.00 |
| S-3 | 08/10/1992 | Well paved over | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| S-4 | 05/04/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 9.96 | 24.12 | 0.00 |
| S-4 | 08/10/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 11.32 | 22.76 | 0.00 |
| S-4 | 11/09/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 11.29 | 22.79 | 0.00 |
| S-4 | 02/23/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 9.82 | 24.26 | 0.00 |
| S-4 | 06/07/1993 | 50 | 9.2 | 5.5 | 3.3 | 14 | NA | NA | 34.08 | 10.51 | 23.57 | 0.00 |
| S-4 | 08/13/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 11.05 | 23.03 | 0.00 |
| S-4 | 11/18/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 11.34 | 22.74 | 0.00 |
| S-4 | 02/10/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 9.93 | 24.15 | 0.00 |
| S-4 | 05/03/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 10.40 | 23.68 | 0.00 |
| S-4 | 08/01/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 10.68 | 23.40 | 0.00 |
| S-4 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 9.44 | 24.64 | NA |
| S-4 | 02/03/1995 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 9.18 | 24.90 | NA |
| S-4 | 08/02/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 34.08 | 10.62 | 23.46 | 0.00 |
| S-4 | 02/02/1996 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 9.23 | 24.85 | 0.00 |

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## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-4 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 10.37 | 23.71 | 0.00 |
| S-4 | 08/02/1996 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 34.08 | 10.69 | 23.39 | 0.00 |
| S-4 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 10.96 | 23.12 | 0.00 |
| S-4 | 01/08/1997 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 9.37 | 24.71 | 0.00 |
| S-4 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 10.25 | 23.83 | 0.00 |
| S-4 | 07/01/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 34.08 | 10.60 | 23.48 | 0.00 |
| S-4 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 10.52 | 23.56 | 0.00 |
| S-4 | 01/07/1998 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 9.79 | 24.29 | 0.00 |
| S-4 | 04/02/1998 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 9.56 | 24.52 | 0.00 |
| S-4 | 07/02/1998 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 34.08 | 10.51 | 23.57 | 0.00 |
| S-4 | 10/01/1998 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 11.01 | 23.07 | 0.00 |
| S-4 | 01/12/1999 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 10.53 | 23.55 | 0.00 |
| S-4 | 04/19/1999 | NA | NA | NA | NA | NA | NA | NA | 34.08 | 9.73 | 24.35 | 0.00 |
| S-4 | 07/09/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 34.08 | 10.48 | 23.60 | 0.00 |
| S-5 | 05/04/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.27 | 23.15 | 0.00 |
| S-5 | 08/10/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.68 | 22.74 | 0.00 |
| S-5 | 11/09/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.69 | 22.73 | 0.00 |
| S-5 | 02/23/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 9.45 | 23.97 | 0.00 |
| S-5 | 06/07/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.23 | 23.19 | 0.00 |
| S-5 | 08/13/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.58 | 22.84 | 0.00 |
| S-5 | 11/18/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.70 | 22.72 | 0.00 |
| S-5 | 02/10/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 9.75 | 23.67 | 0.00 |
| S-5 | 05/03/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.19 | 23.23 | 0.00 |
| S-5 | 08/01/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.30 | 23.12 | 0.00 |
| S-5 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 9.64 | 23.78 | NA |
| S-5 | 02/03/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 9.59 | 23.83 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-5 | 08/02/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 10.23 | 23.90 | 0.00 |
| S-5 | 02/02/1996 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.42 | 9.51 | 23.91 | 0.00 |
| S-5 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 10.15 | 23.27 | 0.00 |
| S-5 | 08/02/1996 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 33.42 | 10.30 | 23.12 | 0.00 |
| S-5 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 10.54 | 22.88 | 0.00 |
| S-5 | 01/08/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 33.42 | 9.56 | 23.86 | 0.00 |
| S-5 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 10.03 | 23.39 | 0.00 |
| S-5 | 07/01/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 33.42 | 10.23 | 23.19 | 0.00 |
| S-5 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 10.25 | 23.17 | 0.00 |
| S-5 | 01/07/1998 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 33.42 | 9.83 | 23.59 | 0.00 |
| S-5 | 04/02/1998 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 9.73 | 23.69 | 0.00 |
| S-5 | 07/02/1998 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 33.42 | 10.04 | 23.38 | 0.00 |
| S-5 | 10/01/1998 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 10.91 | 22.51 | 0.00 |
| S-5 | 01/12/1999 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.00 | NA | 33.42 | 9.80 | 23.62 | 0.00 |
| S-5 | 04/19/1999 | NA | NA | NA | NA | NA | NA | NA | 33.42 | 9.09 | 24.33 | 0.00 |
| S-5 | 07/09/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 33.42 | 10.05 | 23.37 | 0.00 |
| S-6 | 05/04/1992 | 3100 | 640 | 22 | 23 | 97 | NA | NA | 32.59 | 9.42 | 23.17 | 0.00 |
| S-6 | 08/10/1992 | 3400 | 430 | 27 | 26 | 120 | NA | NA | 32.59 | 10.40 | 22.19 | 0.00 |
| S-6 | 11/09/1992 | 2000 | 320 | 15 | 15 | 100 | NA | NA | 32.59 | 10.16 | 22.43 | 0.00 |
| S-6 | 02/23/1993 | 14000 | 780 | 180 | 380 | 1300 | NA | NA | 32.59 | 7.60 | 24.99 | 0.00 |
| S-6 | 06/07/1993 | 3900 | 1400 | 56 | 83 | 210 | NA | NA | 32.59 | 8.90 | 23.69 | 0.00 |
| S-6 | 08/13/1993 | 4000a | 890 | 16 | <0.5 | 41 | NA | NA | 32.59 | 9.39 | 23.20 | 0.00 |
| S-6 | 11/18/1993 | 80 | 5.0 | <0.5 | <0.5 | <0.5 | NA | NA | 32.59 | 10.32 | 22.27 | 0.00 |
| S-6 | 02/10/1994 | 4100 | 370 | 23 | 21 | 90 | NA | NA | 32.59 | 8.68 | 23.91 | 0.00 |
| S-6 | 05/03/1994 | 4700 | 550 | 28 | 85 | 340 | NA | NA | 32.59 | 9.20 | 23.39 | 0.00 |
| S-6 | 08/01/1994 | 2900 | 370 | 11 | 11 | 43 | NA | NA | 32.59 | 8.90 | 23.69 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-6 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 8.32 | 23.69 | 0.00 |
| S-6 | 02/03/1995 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 8.04 | 23.69 | 0.00 |
| S-6 | 08/02/1995 | 1400 | 160 | <5 | <5 | <5 | NA | NA | 32.59 | 9.26 | 23.19 | 0.00 |
| S-6 | 02/02/1996 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 7.90 | 24.69 | 0.00 |
| S-6 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 8.98 | 23.61 | 0.00 |
| S-6 | 08/02/1996 | 1600 | 150 | 9.2 | 13 | 23 | 17 | NA | 32.59 | 9.34 | 23.25 | 0.00 |
| S-6 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 9.96 | 22.63 | 0.00 |
| S-6 | 01/08/1997 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 7.38 | 25.21 | 0.00 |
| S-6 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 9.16 | 23.43 | 0.00 |
| S-6 | 07/01/1997 | <50 | 1.5 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 32.59 | 9.60 | 22.99 | 0.00 |
| S-6 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 9.64 | 22.95 | 0.00 |
| S-6 | 01/07/1998 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 8.34 | 24.25 | 0.00 |
| S-6 | 04/02/1998 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 7.93 | 24.66 | 0.00 |
| S-6 | 07/02/1998 | 370 | 22 | 0.62 | <0.50 | <0.50 | 5.60 | NA | 32.59 | 9.85 | 22.74 | 0.00 |
| S-6 | 10/01/1998 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 10.48 | 22.11 | 0.00 |
| S-6 | 01/12/1999 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 9.63 | 22.96 | 0.00 |
| S-6 | 04/19/1999 | NA | NA | NA | NA | NA | NA | NA | 32.59 | 9.08 | 23.51 | 0.00 |
| S-6 | 07/09/1999 | 52 | 2.3 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 32.59 | 9.33 | 23.26 | 0.00 |
| S-6 (D) | 08/01/1994 | 2600 | 340 | 8.8 | 7.7 | 33 | NA | NA | 32.59 | NA | NA | NA |
| S-6 (D) | 08/02/1995 | 1400 | 170 | <5 | <5 | <5 | NA | NA | 32.59 | NA | NA | NA |
| S-7 | 05/04/1992 | 180 | 1.6 | <0.5 | 1.5 | 3.0 | NA | NA | 33.33 | 11.21 | 22.12 | 0.00 |
| S-7 | 08/10/1992 | 190 | 8.0 | 1.4 | 4.7 | 8.5 | NA | NA | 33.33 | 12.28 | 21.05 | 0.00 |
| S-7 | 11/09/1992 | 280 | 16 | 4.0 | 7.8 | 21 | NA | NA | 33.33 | 11.77 | 21.56 | 0.00 |
| S-7 | 02/23/1993 | 210 | 13 | 2.2 | 5.4 | 12 | NA | NA | 33.33 | 8.86 | 24.47 | 0.00 |
| S-7 | 06/07/1993 | 90 | 1.2 | 2.5 | 1.0 | <0.5 | NA | NA | 33.33 | 10.58 | 22.75 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-7 | 08/13/1993 | 140 | 4.0 | 0.8 | <0.5 | 0.5 | NA | NA | 33.33 | 11.34 | 21.99 | 0.00 |
| S-7 | 11/18/1993 | 440 | 43 | 4.9 | 0.9 | 4.2 | NA | NA | 33.33 | 12.00 | 21.33 | 0.00 |
| S-7 | 02/10/1994 | 250a | <0.5 | <0.5 | 1.8 | <0.5 | NA | NA | 33.33 | 9.88 | 23.45 | 0.00 |
| S-7 | 05/03/1994 | 130 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.33 | 10.75 | 22.58 | 0.00 |
| S-7 | 08/01/1994 | 250 | 4.8 | <0.5 | <0.5 | <0.5 | NA | NA | 33.33 | 11.05 | 22.28 | 0.00 |
| S-7 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | 33.33 | 9.64 | 23.69 | NA |
| S-7 | 02/03/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.33 | 8.53 | 24.80 | 0.00 |
| S-7 | 08/02/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 33.33 | 11.10 | 22.23 | 0.00 |
| S-7 | 02/02/1996 | 480 | 2.2 | 2.4 | 7.9 | 25 | NA | NA | 33.33 | 8.58 | 24.75 | 0.00 |
| S-7 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | 33.33 | 10.41 | 22.92 | 0.00 |
| S-7 | 08/02/1996 | 300 | 20 | 2.2 | 3.8 | 7.9 | 21 | 11 | 33.33 | 11.18 | 22.15 | 0.00 |
| S-7 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | 33.33 | 12.12 | 21.21 | 0.00 |
| S-7 | 01/08/1997 | 850 | 16 | 6.3 | 20 | 59 | <25 | NA | 33.33 | 8.23 | 25.10 | 0.00 |
| S-7 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | 33.33 | 10.75 | 22.58 | 0.00 |
| S-7 | 07/01/1997 | 120 | 2.4 | <0.50 | 2.9 | 2.6 | 3.5 | NA | 33.33 | 11.40 | 21.93 | 0.00 |
| S-7 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | 33.33 | 11.50 | 21.83 | 0.00 |
| S-7 | 04/19/1999 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 | NA | 33.33 | 9.39 | 23.94 | 0.00 |
| S-7 | 07/09/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 33.33 | 11.15 | 22.18 | 0.00 |
| S-7 (D) | 08/02/1996 | 340 | 22 | 2.2 | 4.4 | 8.9 | 20 | NA | 33.33 | NA | NA | NA |
| S-7 (D) | 01/08/1997 | 840 | 15 | <5.0 | 21 | 63 | 25 | NA | 33.33 | NA | NA | NA |
| S-7 (D) | 07/01/1997 | 120 | 2.4 | <0.50 | 2.9 | 2.6 | <2.5 | NA | 33.33 | NA | NA | NA |
| S-8 | 05/04/1992 | 1600 | 20 | 420 | 96 | 330 | NA | NA | 31.97 | 10.29 | 21.68 | 0.00 |
| S-8 | 08/10/1992 | 1500 | 19 | 37 | 60 | 250 | NA | NA | 31.97 | 11.12 | 20.85 | 0.00 |
| S-8 | 11/09/1992 | 710 | 5.7 | 24 | 28 | 120 | NA | NA | 31.97 | 10.71 | 21.26 | 0.00 |
| S-8 | 02/23/1993 | 3800 | 40 | 54 | 68 | 260 | NA | NA | 31.97 | 6.04 | 25.93 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-8 | 06/07/1993 | 1200 | 13 | 19 | 65 | 150 | NA | NA | 31.97 | 10.06 | 21.91 | 0.00 |
| S-8 | 08/13/1993 | 1300 | 21 | 23 | 49 | 250 | NA | NA | 31.97 | 10.56 | 21.41 | 0.00 |
| S-8 | 11/18/1993 | 870 | 16 | 5.3 | 59 | 230 | NA | NA | 31.97 | 10.90 | 21.07 | 0.00 |
| S-8 | 02/10/1994 | 2400 | 11 | 55 | 120 | 530 | NA | NA | 31.97 | 9.53 | 22.44 | 0.00 |
| S-8 | 05/03/1994 | 3100 | 12 | 27 | 130 | 370 | NA | NA | 31.97 | 10.06 | 21.91 | 0.00 |
| S-8 | 08/01/1994 | 1500 | 20 | 18 | 39 | 190 | NA | NA | 31.97 | 10.32 | 21.65 | 0.00 |
| S-8 | 11/08/1994 | 2100 | 22 | 38 | 73 | 390 | NA | NA | 31.97 | 9.25 | 22.72 | 0.00 |
| S-8 | 02/03/1995 | 4800 | 67 | 39 | 130 | 300 | NA | NA | 31.97 | 8.99 | 22.98 | 0.00 |
| S-8 | 05/04/1995 | 2600 | 31 | 23 | 71 | 310 | NA | NA | 31.97 | 9.22 | 22.75 | 0.00 |
| S-8 | 08/02/1995 | 1700 | 10 | 9.1 | 48 | 210 | NA | NA | 31.97 | 10.36 | 21.61 | 0.00 |
| S-8 | 11/02/1995 | 1200 | 16 | 13 | 72 | 130 | NA | NA | 31.97 | 10.72 | 21.25 | 0.00 |
| S-8 | 02/02/1996 | 7100 | 29 | 140 | 360 | 1300 | NA | NA | 31.97 | 8.92 | 23.05 | 0.00 |
| S-8 | 05/04/1996 | 3500 | 13 | 27 | 110 | 400 | <25 | NA | 31.97 | 9.86 | 22.11 | 0.00 |
| S-8 | 08/02/1996 | 850 | 9.6 | 7.4 | 30 | 160 | 11 | NA | 31.97 | 10.30 | 21.67 | 0.00 |
| S-8 | 10/02/1996 | 980 | <5.0 | 11 | 13 | 92 | <25 | NA | 31.97 | 10.71 | 21.26 | 0.00 |
| S-8 | 01/08/1997 | 6400 | 88 | 48 | 190 | 500 | <100 | NA | 31.97 | 8.88 | 23.09 | 0.00 |
| S-8 | 04/17/1997 | 1700 | 23 | 7.4 | 34 | 50 | 74 | NA | 31.97 | 10.00 | 21.97 | 0.00 |
| S-8 | 07/01/1997 | 140 | 2.8 | <0.50 | <0.50 | 0.58 | <2.5 | NA | 31.97 | 10.40 | 21.57 | 0.00 |
| S-8 | 10/07/1997 | 300 | 2.7 | 0.63 | 4.6 | 8.4 | <2.5 | NA | 31.97 | 10.50 | 21.47 | 0.00 |
| S-8 | 01/07/1998 | 110 | 1.2 | <0.50 | <0.50 | 1.6 | <2.5 | NA | 31.97 | 9.27 | 22.70 | 0.00 |
| S-8 | 04/02/1998 | 4500 | 140 | 77 | 140 | 380 | <12 | NA | 31.97 | 9.31 | 22.66 | 0.00 |
| S-8 | 07/02/1998 | 330 | 4.2 | 0.79 | 1.7 | 2.3 | 4.8 | NA | 31.97 | 9.48 | 22.49 | 0.00 |
| S-8 | 10/01/1998 | 52 | 0.76 | <0.50 | <0.50 | 0.70 | <2.5 | NA | 31.97 | 10.08 | 21.89 | 0.00 |
| S-8 | 01/12/1999 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.00 | NA | 31.97 | 10.50 | 21.47 | 0.00 |
| S-8 | 04/19/1999 | 3360 | 29.6 | 24.6 | 137 | 398 | <100 | NA | 31.97 | 9.45 | 22.52 | 0.00 |
| S-8 | 07/09/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 31.97 | 10.25 | 21.72 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-8 (D) | 02/10/1994 | 2400 | 11 | 46 | 100 | 440 | NA | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 05/03/1994 | 3000 | 21 | 25 | 120 | 340 | NA | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 11/08/1994 | 2100 | 20 | 31 | 75 | 390 | NA | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 02/03/1995 | 3700 | 53 | 30 | 100 | 240 | NA | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 05/04/1995 | 3300 | 38 | 26 | 89 | 390 | NA | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 08/02/1995 | 1200 | 15 | 13 | 70 | 120 | NA | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 02/02/1996 | 7800 | 33 | 160 | 400 | 1500 | NA | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 05/04/1996 | 5100 | 19 | 37 | 190 | 690 | <25 | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 10/02/1996 | 1300 | <5.0 | 10 | 28 | 180 | <25 | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 04/17/1997 | 1600 | 25 | 7.4 | 30 | 43 | 34 | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 01/07/1998 | 150 | 1.8 | 0.6 | <0.50 | 2.2 | <2.5 | NA | 31.97 | NA | NA | NA |
| S-8 (D) | 07/02/1998 | 360 | 4.3 | 0.89 | 1.7 | 2.3 | 5.7 | NA | 31.97 | NA | NA | NA |
| S-9 | 05/04/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 10.45 | 21.41 | 0.00 |
| S-9 | 08/10/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 11.52 | 20.34 | 0.00 |
| S-9 | 11/09/1992 | <50 | <0.5 | <0.5 | <0.5 | 0.7 | NA | NA | 31.86 | 11.02 | 20.84 | 0.00 |
| S-9 | 02/23/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 8.00 | 23.86 | 0.00 |
| S-9 | 06/07/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 10.07 | 21.79 | 0.00 |
| S-9 | 08/13/1993 | 140 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 10.92 | 20.94 | 0.00 |
| S-9 | 11/18/1993 | 170 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 11.19 | 20.67 | 0.00 |
| S-9 | 02/10/1994 | 140 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 9.16 | 22.70 | 0.00 |
| S-9 | 05/03/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 10.03 | 21.83 | 0.00 |
| S-9 | 08/01/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 10.52 | 21.34 | 0.00 |
| S-9 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 9.08 | 22.78 | 0.00 |
| S-9 | 02/03/1995 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 8.37 | 23.49 | 0.00 |
| S-9 | 08/02/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 31.86 | 9.35 | 22.51 | 0.00 |
| S-9 | 02/02/1996 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 7.53 | 24.33 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-9 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 9.60 | 22.26 | 0.00 |
| S-9 | 08/02/1996 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 12 | NA | 31.86 | 10.46 | 21.40 | 0.00 |
| S-9 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 10.66 | 21.20 | 0.00 |
| S-9 | 01/08/1997 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 7.20 | 24.66 | 0.00 |
| S-9 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 9.96 | 21.90 | 0.00 |
| S-9 | 07/01/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.9 | NA | 31.86 | 10.64 | 21.22 | 0.00 |
| S-9 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | 31.86 | 10.63 | 21.23 | 0.00 |
| S-9 | 04/19/1999 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 | NA | 31.86 | 8.69 | 23.17 | 0.00 |
| S-9 | 07/09/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 31.86 | 10.45 | 21.41 | 0.00 |
| S-10 | 05/04/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 8.54 | 24.41 | 0.00 |
| S-10 | 08/10/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 10.43 | 22.52 | 0.00 |
| S-10 | 11/09/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 9.14 | 23.81 | 0.00 |
| S-10 | 02/23/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 6.72 | 26.23 | 0.00 |
| S-10 | 06/07/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 8.08 | 24.87 | 0.00 |
| S-10 | 08/13/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 8.83 | 24.12 | 0.00 |
| S-10 | 11/18/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 9.46 | 23.49 | 0.00 |
| S-10 | 02/10/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 7.41 | 25.54 | 0.00 |
| S-10 | 05/03/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 8.16 | 24.79 | 0.00 |
| S-10 | 08/01/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 8.29 | 24.66 | 0.00 |
| S-10 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 7.02 | 25.93 | 0.00 |
| S-10 | 02/03/1995 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 6.79 | 26.16 | 0.00 |
| S-10 | 08/02/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | 32.95 | 8.30 | 24.65 | 0.00 |
| S-10 | 02/02/1996 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 6.49 | 26.46 | 0.00 |
| S-10 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 7.55 | 25.40 | 0.00 |
| S-10 | 08/02/1996 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 32.95 | 9.25 | 23.70 | 0.00 |
| S-10 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 10.54 | 22.41 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-10 | 01/08/1997 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 6.47 | 26.48 | 0.00 |
| S-10 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 7.78 | 25.17 | 0.00 |
| S-10 | 07/01/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 32.95 | 8.83 | 24.12 | 0.00 |
| S-10 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 8.89 | 24.06 | 0.00 |
| S-10 | 01/07/1998 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 6.97 | 25.98 | 0.00 |
| S-10 | 04/02/1998 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 6.96 | 25.99 | 0.00 |
| S-10 | 07/02/1998 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 32.95 | 10.41 | 22.54 | 0.00 |
| S-10 | 10/01/1998 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 11.03 | 21.92 | 0.00 |
| S-10 | 01/12/1999 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 10.33 | 22.62 | 0.00 |
| S-10 | 04/19/1999 | NA | NA | NA | NA | NA | NA | NA | 32.95 | 9.72 | 23.23 | 0.00 |
| S-10 | 07/09/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | 32.95 | 8.98 | 23.97 | 0.00 |
| S-11 | 05/04/1992 | 1500 | 55 | 32 | 57 | 190 | NA | NA | 30.78 | 9.99 | 20.79 | 0.00 |
| S-11 | 08/10/1992 | 750 | 29 | 13 | 43 | 120 | NA | NA | 30.78 | 10.92 | 19.86 | 0.00 |
| S-11 | 11/09/1992 | 4100 | 32 | 62 | 120 | 1100 | NA | NA | 30.78 | 10.44 | 20.34 | 0.00 |
| S-11 | 02/23/1993 | 760 | 15 | 13 | 37 | 140 | NA | NA | 30.78 | 7.30 | 23.48 | 0.00 |
| S-11 | 06/07/1993 | 1700 | 40 | 16 | 100 | 360 | NA | NA | 30.78 | 9.51 | 21.27 | 0.00 |
| S-11 | 08/13/1993 | 60 | 0.9 | <0.5 | 0.8 | 1.2 | NA | NA | 30.78 | 10.39 | 20.39 | 0.00 |
| S-11 | 11/18/1993 | 150 | 7.8 | 1.0 | 9.0 | 12 | NA | NA | 30.78 | 10.64 | 20.14 | 0.00 |
| S-11 | 02/10/1994 | 4400 | 53 | 19 | 160 | 390 | NA | NA | 30.78 | 8.50 | 22.28 | 0.00 |
| S-11 | 05/03/1994 | 65 | 1.5 | <0.5 | 0.53 | 0.59 | NA | NA | 30.78 | 9.42 | 21.36 | 0.00 |
| S-11 | 08/01/1994 | 240 | 18 | 6.7 | 6.9 | 18 | NA | NA | 30.78 | 10.12 | 20.66 | 0.00 |
| S-11 | 11/08/1994 | 490 | 14 | 5.2 | 15 | 47 | NA | NA | 30.78 | 8.84 | 21.94 | 0.00 |
| S-11 | 02/03/1995 | 380 | 4.1 | 0.9 | 1.4 | 5.1 | NA | NA | 30.78 | 7.12 | 23.66 | 0.00 |
| S-11 | 05/04/1995 | 110 | 1.3 | <0.5 | 1.1 | 1.8 | NA | NA | 30.78 | 7.96 | 22.82 | 0.00 |
| S-11 | 08/02/1995 | 230 | 22 | 11 | 13 | 35 | NA | NA | 30.78 | 9.88 | 20.90 | 0.00 |
| S-11 | 11/02/1995 | 200 | 26 | 10 | 10 | 30 | NA | NA | 30.78 | 10.10 | 20.68 | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-11 | 02/02/1996 | 110 | 2.9 | 1.0 | 2.6 | 6.5 | NA | NA | 30.78 | 7.33 | 23.45 | 0.00 |
| S-11 | 05/04/1996 | <50 | 0.70 | 0.54 | 0.82 | 2.6 | 7.5 | NA | 30.78 | 8.62 | 22.16 | 0.00 |
| S-11 | 08/02/1996 | 200 | 11 | 4.6 | 12 | 38 | 10 | NA | 30.78 | 9.85 | 20.93 | 0.00 |
| S-11 | 10/02/1996 | 290 | 20 | 6.2 | 16 | 48 | 8.4 | NA | 30.78 | 11.00 | 19.78 | 0.00 |
| S-11 | 01/08/1997 | 56 | 2.0 | <0.50 | 1.0 | 5.8 | 5.2 | NA | 30.78 | 6.20 | 24.58 | 0.00 |
| S-11 | 04/17/1997 | <50 | 0.88 | <0.50 | <0.50 | <0.50 | 3.2 | NA | 30.78 | 8.81 | 21.97 | 0.00 |
| S-11 | 07/01/1997 | 610 | 50 | 5.9 | 24 | 110 | 3.1 | NA | 30.78 | 10.47 | 20.31 | 0.00 |
| S-11 | 10/07/1997 | 440 | 43 | 3.0 | 13 | 110 | 4.9 | NA | 30.78 | 10.32 | 20.46 | 0.00 |
| S-11 | 04/19/1999 | <50.0 | 0.530 | <0.500 | <0.500 | 5.22 | <5.00 | NA | 30.78 | 8.31 | 22.47 | 0.00 |
| S-11 | 07/09/1999 | 53 | 2.3 | <0.50 | <0.50 | 8.5 | <2.5 | NA | 30.78 | 9.19 | 21.59 | 0.00 |
| S-11 (D) | 06/07/1993 | 1600 | 51 | 16 | 83 | 300 | NA | NA | 30.78 | NA | NA | NA |
| S-11 (D) | 08/13/1993 | 70 | 2.1 | <0.5 | 0.9 | 2.1 | NA | NA | 30.78 | NA | NA | NA |
| S-11 (D) | 10/07/1997 | 360 | 39 | 2.0 | 7.2 | 74 | 4.9 | NA | 30.78 | NA | NA | NA |
| SR-1 | 05/04/1992 | NA | NA | NA | NA | NA | NA | NA | NA | 9.02 | NA | 0.00 |
| SR-1 | 08/10/1992 | NA | NA | NA | NA | NA | NA | NA | NA | 10.29 | NA | 0.00 |
| SR-1 | 11/09/1992 | NA | NA | NA | NA | NA | NA | NA | NA | 10.92 | NA | 0.00 |
| SR-1 | 02/22/1993 | NA | NA | NA | NA | NA | NA | NA | NA | 6.64 | NA | 0.00 |
| SR-1 | 06/07/1993 | NA | NA | NA | NA | NA | NA | NA | NA | 7.36 | NA | 0.00 |
| SR-1 | 08/13/1993 | NA | NA | NA | NA | NA | NA | NA | NA | 7.96 | NA | 0.00 |
| SR-1 | 11/18/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | 10.02 | NA | 0.00 |
| SR-1 | 02/10/1994 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SR-1 | 05/03/1994 | NA | NA | NA | NA | NA | NA | NA | NA | 8.28 | NA | 0.00 |
| SR-1 | 08/01/1994 | NA | NA | NA | NA | NA | NA | NA | NA | 7.98 | NA | 0.00 |
| SR-1 | 11/08/1994 | NA | NA | NA | NA | NA | NA | NA | NA | 7.75 | NA | 0.00 |
| SR-1 | 02/03/1995 | NA | NA | NA | NA | NA | NA | NA | NA | 7.20 | NA | 0.00 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SR-1 | 05/04/1995 | NA | NA | NA | NA | NA | NA | NA | NA | 4.10 | NA | 0.00 |
| SR-1 | 08/02/1995 | NA | NA | NA | NA | NA | NA | NA | NA | 5.31 | NA | 0.00 |
| SR-1 | 11/02/1995 | NA | NA | NA | NA | NA | NA | NA | NA | 10.62 | NA | 0.00 |
| SR-1 | 02/02/1996 | 90 | 6.1 | 6.7 | 2.8 | 8.5 | NA | NA | NA | 7.30 | NA | 0.00 |
| SR-1 | 05/04/1996 | NA | NA | NA | NA | NA | NA | NA | NA | 8.10 | NA | 0.00 |
| SR-1 | 08/02/1996 | NA | NA | NA | NA | NA | NA | NA | NA | 8.10 | NA | 0.00 |
| SR-1 | 10/02/1996 | NA | NA | NA | NA | NA | NA | NA | NA | 9.25 | NA | 0.00 |
| SR-1 | 01/08/1997 | NA | NA | NA | NA | NA | NA | NA | NA | 7.18 | NA | 0.00 |
| SR-1 | 04/17/1997 | NA | NA | NA | NA | NA | NA | NA | NA | 6.01 | NA | 0.00 |
| SR-1 | 07/01/1997 | NA | NA | NA | NA | NA | NA | NA | NA | 8.36 | NA | 0.00 |
| SR-1 | 10/07/1997 | NA | NA | NA | NA | NA | NA | NA | NA | 9.22 | NA | 0.00 |
| SR-1 | 01/07/1998 | NA | NA | NA | NA | NA | NA | NA | NA | 7.45 | NA | 0.00 |
| SR-1 | 04/02/1998 | NA | NA | NA | NA | NA | NA | NA | NA | 7.43 | NA | 0.00 |
| SR-1 | 07/02/1998 | NA | NA | NA | NA | NA | NA | NA | NA | 9.87 | NA | 0.00 |
| SR-1 | 10/01/1998 | NA | NA | NA | NA | NA | NA | NA | NA | 10.42 | NA | 0.00 |
| SR-1 | 01/12/1999 | NA | NA | NA | NA | NA | NA | NA | NA | 10.24 | NA | 0.00 |
| SR-1 | 04/19/1999 | NA | NA | NA | NA | NA | NA | NA | NA | 9.64 | NA | 0.00 |
| SR-1 | 07/09/1999 | NA | NA | NA | NA | NA | NA | NA | NA | 8.40 | NA | 0.00 |
| SR-1 (D) | 11/18/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA |

Abbreviations:

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

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

MTBE = methyl-tertiary-butyl ether

*TOB = Top of Wellbox Elevation*

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 2800 Telegraph Avenue
## Oakland, CA
## Wic #204-5508-2303

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | TOB (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | SPH Thickness (ft.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

SPH = Separate-Phase Hydrocarbons
GW = Groundwater
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample

Notes:
a = Chromatogram pattern indicated the presence of an unidentified hydrocarbon.

Sequoia Analytical

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

July 23, 1999

Ann Pember
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112-1105

RE: Equiva 2800 Telegraph Avenue, Oakland /M907381

Dear Ann Pember

Enclosed are the results of analyses for sample(s) received by the laboratory on July 9, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kimyai
Project Manager D.M.

CA ELAP Certificate Number 1210

Sequoia Analytical

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

| | | | |
|---|---|---|---|
| Blaine Tech Services | Project: | Equiva | Sampled: 7/9/99 |
| 1680 Rogers Avenue | Project Number: | 2800 Telegraph Avenue | Received: 7/9/99 |
| San Jose, CA 95112-1105 | Project Manager: | Ann Pember | Reported: 7/23/99 |

## ANALYTICAL REPORT FOR M907381

| Sample Description | Laboratory Sample Number | Sample Matrix | Date Sampled |
|---|---|---|---|
| S-1 | M907381-01 | Water | 7/9/99 |
| S-4 | M907381-02 | Water | 7/9/99 |
| S-5 | M907381-03 | Water | 7/9/99 |
| S-6 | M907381-04 | Water | 7/9/99 |
| S-7 | M907381-05 | Water | 7/9/99 |
| S-8 | M907381-06 | Water | 7/9/99 |
| S-9 | M907381-07 | Water | 7/9/99 |
| S-10 | M907381-08 | Water | 7/9/99 |
| S-11 | M907381-09 | Water | 7/9/99 |

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

| | | | |
|---|---|---|---|
| Sequoia Analytical | Client Project ID: | M907381 - Blaine Tech Services | Sampled: Jul 9, 1999 |
| 885 Jarvis Dr. | Sample Matrix: | Water | Received: Jul 9, 1999 |
| Morgan Hill, CA. 95037 | Analysis Method: | EPA 5030/8015 Mod./8020 | Reported: Jul 23, 1999 |
| Attention: Kayvan Kimyai | First Sample #: | 907-1337 | |

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

| Analyte | Reporting Limit µg/L | Sample I.D. 907-1337 S-1 | Sample I.D. 907-1338 S-4 | Sample I.D. 907-1339 S-5 | Sample I.D. 907-1340 S-6 | Sample I.D. 907-1341 S-7 | Sample I.D. 907-1342 S-8 |
|---|---|---|---|---|---|---|---|
| QC Batch Number: | | GC072199 802002A | GC072199 802002A | GC072199 802002A | GC072199 802004A | GC072199 802004A | GC072199 802004A |
| Purgeable Hydrocarbons | 50 | N.D. | N.D. | N.D. | 52 | N.D. | N.D. |
| Benzene | 0.50 | N.D. | N.D. | N.D. | 2.3 | N.D. | N.D. |
| Toluene | 0.50 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| Ethyl Benzene | 0.50 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| Total Xylenes | 0.50 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| MTBE | 2.5 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| Chromatogram Pattern: | | -- | -- | -- | Gasoline | -- | -- |

**Quality Control Data**

| | | | | | | |
|---|---|---|---|---|---|---|
| Report Limit Multiplication Factor: | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Date Analyzed: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument Identification: | HP-2 | HP-2 | HP-2 | HP-4 | HP-4 | HP-4 |
| Surrogate Recovery, %: (QC Limits = 70-130%) | 95 | 97 | 96 | 88 | 93 | 92 |

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

**SEQUOIA ANALYTICAL, #1271**

Charlie Westwater
Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

| | | | |
|---|---|---|---|
| Sequoia Analytical | Client Project ID: | M907381 - Blaine Tech Services | Sampled: Jul 9, 1999 |
| 885 Jarvis Dr. | Sample Matrix: | Water | Received: Jul 9, 1999 |
| Morgan Hill, CA. 95037 | Analysis Method: | EPA 5030/8015 Mod./8020 | Reported: Jul 23, 1999 |
| Attention: Kayvan Kimyai | First Sample #: | 907-1343 | |

| | | | |
|---|---|---|---|
| *QC Batch Number:* | GC072199 | GC072199 | GC072199 |
| | 802004A | 802004A | 802005A |

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

| Analyte | Reporting Limit µg/L | Sample I.D. 907-1343 S-9 | Sample I.D. 907-1344 S-10 | Sample I.D. 907-1345 S-11 |
|---|---|---|---|---|
| Purgeable Hydrocarbons | 50 | N.D. | N.D. | 53 |
| Benzene | 0.50 | N.D. | N.D. | 2.3 |
| Toluene | 0.50 | N.D. | N.D. | N.D. |
| Ethyl Benzene | 0.50 | N.D. | N.D. | N.D. |
| Total Xylenes | 0.50 | N.D. | N.D. | 8.5 |
| MTBE | 2.5 | N.D. | N.D. | N.D. |
| Chromatogram Pattern: | | -- | -- | Gasoline |

**Quality Control Data**

| | | | |
|---|---|---|---|
| *Report Limit Multiplication Factor:* | 1.0 | 1.0 | 1.0 |
| Date Analyzed: | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument Identification: | HP-4 | HP-4 | HP-5 |
| Surrogate Recovery, %: (QC Limits = 70-130%) | 89 | 91 | 95 |

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

**SEQUOIA ANALYTICAL, #1271**

Charlie Westwater
Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

Sequoia Analytical
885 Jarvis Dr.
Morgan Hill, CA. 95037
Attention: Kayvan Kimyai

Client Project ID: M907381 - Blaine Tech Services
Matrix: Liquid

QC Sample Group: 9071337-345

Reported: Jul 23, 1999

## QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes |
|---|---|---|---|---|
| QC Batch#: | GC072199 802002A | GC072199 802002A | GC072199 802002A | GC072199 802002A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |
| Analyst: | J. Minkel | J. Minkel | J. Minkel | J. Minkel |
| MS/MSD #: | 9071337 | 9071337 | 9071337 | 9071337 |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Analyzed Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument I.D.#: | HP-2 | HP-2 | HP-2 | HP-2 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| Result: | 21 | 19 | 21 | 64 |
| MS % Recovery: | 105 | 95 | 105 | 107 |
| Dup. Result: | 21 | 19 | 21 | 66 |
| MSD % Recov.: | 105 | 95 | 105 | 110 |
| RPD: | 0.0 | 0.0 | 0.0 | 3.1 |
| RPD Limit: | 0-20 | 0-20 | 0-20 | 0-20 |

| LCS #: | 2LCS072199 | 2LCS072199 | 2LCS072199 | 2LCS072199 |
|---|---|---|---|---|
| Prepared Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Analyzed Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument I.D.#: | HP-2 | HP-2 | HP-2 | HP-2 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| LCS Result: | 20 | 19 | 19 | 64 |
| LCS % Recov.: | 100 | 95 | 95 | 107 |

| MS/MSD LCS Control Limits | 70-130 | 70-130 | 70-130 | 70-130 |
|---|---|---|---|---|

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

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

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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(925) 988-9600
FAX (925) 988-9673

Sequoia Analytical
885 Jarvis Dr.
Morgan Hill, CA. 95037
Attention: Kayvan Kimyai

Client Project ID: M907381 - Blaine Tech Services
Matrix: Liquid

QC Sample Group: 9071337-345

Reported: Jul 23, 1999

## QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes |
|---|---|---|---|---|
| QC Batch#: | GC072199 | GC072199 | GC072199 | GC072199 |
| | 802004A | 802004A | 802004A | 802004A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |
| Analyst: | J. Minkel | J. Minkel | J. Minkel | J. Minkel |
| MS/MSD #: | 9071341 | 9071341 | 9071341 | 9071341 |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Analyzed Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument I.D.#: | HP-4 | HP-4 | HP-4 | HP-4 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| Result: | 22 | 19 | 20 | 66 |
| MS % Recovery: | 110 | 95 | 100 | 110 |
| Dup. Result: | 22 | 19 | 20 | 66 |
| MSD % Recov.: | 110 | 95 | 100 | 110 |
| RPD: | 0.0 | 0.0 | 0.0 | 0.0 |
| RPD Limit: | 0-20 | 0-20 | 0-20 | 0-20 |

| | | | | |
|---|---|---|---|---|
| LCS #: | 4LCS072199 | 4LCS072199 | 4LCS072199 | 4LCS072199 |
| Prepared Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Analyzed Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument I.D.#: | HP-4 | HP-4 | HP-4 | HP-4 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| LCS Result: | 23 | 19 | 20 | 67 |
| LCS % Recov.: | 115 | 95 | 100 | 112 |

| | | | | |
|---|---|---|---|---|
| MS/MSD LCS Control Limits | 70-130 | 70-130 | 70-130 | 70-130 |

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

Please Note:
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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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FAX (925) 988-9673

Sequoia Analytical
885 Jarvis Dr.
Morgan Hill, CA. 95037
Attention: Kayvan Kimyai

Client Project ID: M907381 - Blaine Tech Services
Matrix: Liquid

QC Sample Group: 9071337-345

Reported: Jul 23, 1999

## QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes |
|---|---|---|---|---|
| QC Batch#: | GC072199 802005A | GC072199 802005A | GC072199 802005A | GC072199 802005A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |
| Analyst: | J. Minkel | J. Minkel | J. Minkel | J. Minkel |
| MS/MSD #: | 9071349 | 9071349 | 9071349 | 9071349 |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Analyzed Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument I.D.#: | HP-5 | HP-5 | HP-5 | HP-5 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| Result: | 20 | 20 | 21 | 63 |
| MS % Recovery: | 100 | 100 | 105 | 105 |
| Dup. Result: | 23 | 23 | 24 | 72 |
| MSD % Recov.: | 115 | 115 | 120 | 120 |
| RPD: | 14 | 14 | 13 | 13 |
| RPD Limit: | 0-20 | 0-20 | 0-20 | 0-20 |

| LCS #: | 5LCS072199 | 5LCS072199 | 5LCS072199 | 5LCS072199 |
|---|---|---|---|---|
| Prepared Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Analyzed Date: | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| Instrument I.D.#: | HP-5 | HP-5 | HP-5 | HP-5 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| LCS Result: | 20 | 20 | 20 | 63 |
| LCS % Recov.: | 100 | 100 | 100 | 105 |

| MS/MSD LCS Control Limits | 70-130 | 70-130 | 70-130 | 70-130 |
|---|---|---|---|---|

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

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

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

**BLAINE**
TECH SERVICES INC.

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

CHAIN OF CUSTODY 990709-21

CLIENT: Equiva - Karen Petryna

SITE: 2800 Telegraph Avenue
Oakland, CA

LAB: SEQUOIA DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Send invoice to Equiva M907381

Incident # 97093398

Send report to Blaine Tech Services
Attn: Ann Pember

| SAMPLE I.D. | Date | Time | MATRIX (S = SOIL, W = H2O) | CONTAINERS TOTAL | C = COMPOSITE ALL CONTAINERS | TPH - gas, BTEX | MTBE by 8020 | MTBE by 8260 | TPH - diesel | Oxygenates by 8260 | 1,2-DCA & EDB by 8010 | | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | 7/9 | 910 | W | 3 | | X | X | | | | | | | | | | 01 |
| S-4 | | 920 | | | | X | X | | | | | | | | | | 02 |
| S-5 | | 925 | | | | X | X | | | | | | | | | | 03 |
| S-6 | | 1003 | | | | X | X | | | | | | | | | | 04 |
| S-7 | | 946 | | | | X | X | | | | | | | | | | 05 |
| S-8 | | 1010 | | | | X | X | | | | | | | | | | 06 |
| S-9 | | 940 | | | | X | X | | | | | | | | | | 07 |
| S-10 | | 955 | | | | X | X | | | | | | | | | | 08 |
| S-11 | | 935 | | | | X | X | | | | | | | | | | 09 |

| SAMPLING COMPLETED | DATE | TIME | SAMPLING PERFORMED BY | RESULTS NEEDED NO LATER THAN |
|---|---|---|---|---|
| | 7/9/99 | 1030 | Jeremy | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| RELEASED BY | | DATE 7-9-99 | TIME 15:31 | RECEIVED BY | | DATE 7-9-99 | TIME 15:35 |
| RELEASED BY | | DATE | TIME | RECEIVED BY | JT | DATE 7/9/99 | TIME 16:30 |
| RELEASED BY | | DATE | TIME | RECEIVED BY | | DATE | TIME |

| SHIPPED VIA | DATE SENT | TIME SENT | COOLER # | |
|---|---|---|---|---|
| | | | | |

# WELL GAUGING DATA

Project # 99 0709-21 Date 7-9-99 Client — Shell WIC#204-5508-2303
2800 TELEGRAPH AVE.
OAKLAND

Site _____

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | |
|---|---|---|---|---|---|---|---|---|---|
| S-1 | 3 | | | | | 9.11 | 27.48 | TOB | |
| S-4 | 3 | | | | | 10.48 | 30.25 | | |
| S-5 | 3 | | | | | 10.05 | 30.56 | | |
| S-6 | 3 | | | | | 9.33 | 22.07 | | |
| S-7 | 3 | | | | | 11.15 | 36.68 | | |
| S-8 | 3 | | | | | 10.25 | 19.21 | | |
| S-9 | 3 | | | | | 10.45 | 29.69 | | |
| S-10 | 3 | | | | | 8.98 | 24.19 | | |
| S-11 | 3 | | | | | 9.19 | 19.32 | | |
| SR-1 | 6 | | | | | 8.40 | 34.17 | | |
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# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-1 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 9.11 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer, Middleburg, Electric Submersible, Extraction Pump, Other: ___

Sampling Method: Bailer, Extraction Port, Other: Disp Baile

NO x PURGE ___ Gals.
1 Case Volume (Gals.) Specified Volumes Calculated Volume

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 908 | 64.7 | 7.3 | 669 | 6 | — | |
| | | | | | | |
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| | | | |
|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 910 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-1 | | Laboratory: (Sequoia) BC Other ___ | |
| Analyzed for: (TPH-G BTEX MTBE) TPH-D | Other: | | |
| D.O. (if req'd): | Pre-purge: ___ mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: ___ mV | Post-purge: | mV |

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-4 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 10.48 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer, Middleburg, Electric Submersible, Extraction Pump, Other: ___

Sampling Method: Bailer, Extraction Port, Other: Disp Baile

NO X PURGE ___ Gals.
1 Case Volume (Gals.) Specified Volumes Calculated Volume

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 918 | 67.9 | 7.2 | 508 | 4 | — | |
| | | | | | | |
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|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 920 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-4 | | Laboratory: (Sequoia) BC Other ___ | |
| Analyzed for: (TPH-G BTEX MTBE) TPH-D Other: | | | |
| D.O. (if req'd): | Pre-purge: mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: mV | Post-purge: | mV |

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-5 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 10.05 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Extraction Port / Other: Disp Baile

3 X PURGE ___ Gals.
1 Case Volume (Gals.) | Specified Volumes | Calculated Volume

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 923 | 68.3 | 7.0 | 264 | 3 | — | |
| | | | | | | |
| | | | | | | |
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|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 925 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-5 | | Laboratory: (Sequoia) BC Other___ | |
| Analyzed for: (TPH-G BTEX MTBE) TPH-D | Other: | | |
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: mV |

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-6 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 9.33 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer, Middleburg, Electric Submersible, Extraction Pump, Other: ___

Sampling Method: Bailer, Extraction Port, Other: (Disp Baile)

3 x PURGE = ___ Gals.
(1 Case Volume (Gals.) x Specified Volumes = Calculated Volume)

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1001 | 66.5 | 6.7 | 463 | 14 | — | |
| | | | | | | |
| | | | | | | |
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| | |
|---|---|
| Did well dewater? Yes (No) | Gallons actually evacuated: — |
| Sampling Time: 1003 | Sampling Date: 7-9-99 |
| Sample I.D.: S-6 | Laboratory: (Sequoia) BC Other ___ |
| Analyzed for: (TPH-G BTEX MTBE) TPH-D | Other: |

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

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-7 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 11.15 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Extraction Port / Other: Disp Baile

NO X PURGE ___ Gals.
1 Case Volume (Gals.) Specified Volumes Calculated Volume

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 945 | 67.1 | 6.7 | 545 | 11 | — | |
| | | | | | | |
| | | | | | | |
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|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 946 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-7 | | Laboratory: (Sequoia) BC Other ___ | |
| Analyzed for: (TPH-G BTEX MTBE) TPH-D | | Other: | |
| D.O. (if req'd): | Pre-purge: | mg/L Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV Post-purge: | mV |

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-8 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 10.25 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer, Middleburg, Electric Submersible, Extraction Pump, Other: ___

Sampling Method: Bailer, Extraction Port, (Other: Disp Baile)

NO x PURGE = ___ Gals.
1 Case Volume (Gals.) | Specified Volumes | Calculated Volume

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1008 | 68.8 | 6.2 | 597 | 31 | — | |
| | | | | | | |
| | | | | | | |
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| | | | |
|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 1010 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-8 | | Laboratory: (Sequoia) BC Other ___ | |
| Analyzed for: (TPH-G BTEX MTBE TPH-D) | | Other: | |
| D.O. (if req'd): | Pre-purge: | mg/L Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV Post-purge: | mV |

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-9 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 10.45 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer, Middleburg, Electric Submersible, Extraction Pump, Other: ___

Sampling Method: Bailer, Extraction Port, Other: Disp Baile

NOx PURGE

1 Case Volume (Gals.) x Specified Volumes = Calculated Volume Gals.

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 938 | 67.4 | 6.9 | 543 | 5 | — | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

| | | | |
|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 940 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-9 | | Laboratory: (Sequoia) BC Other ___ | |
| Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: | | | |
| D.O. (if req'd): Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): Pre-purge: | mV | Post-purge: | mV |

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-10 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 8.98 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer, Middleburg, Electric Submersible, Extraction Pump, Other: ___

Sampling Method: Bailer, Extraction Port, Other: Disp Baile

NOx PURGE ___ Gals.
1 Case Volume (Gals.) x Specified Volumes = Calculated Volume

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 953 | 66.4 | 7.0 | 355 | 2 | — | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

| | | | |
|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 955 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-10 | | Laboratory: (Sequoia) BC Other___ | |
| Analyzed for: (TPH-G BTEX MTBE) TPH-D | Other: | | |
| D.O. (if req'd): | Pre-purge: mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: mV | Post-purge: | mV |

# EQUIVA WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 990709-21 | Job # 204-5508-2303 |
| Sampler: JR | Date: 7-9-99 |
| Well I.D.: S-11 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth: | Depth to Water: 9.19 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC (Grade) | 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$^2$ * 0.163 |

Purge Method: Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Extraction Port / Other: Disp Baile

3 X PURGE ___ Gals.
1 Case Volume (Gals.) | Specified Volumes | Calculated Volume

| Time | Temp (°F) | pH | Cond. | Turbidity | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 933 | 67.4 | 6.7 | 542 | 5 | — | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|---|---|---|---|
| Did well dewater? Yes (No) | | Gallons actually evacuated: — | |
| Sampling Time: 935 | | Sampling Date: 7-9-99 | |
| Sample I.D.: S-11 | | Laboratory: (Sequoia) BC Other ___ | |
| Analyzed for: (TPH-G BTEX MTBE TPH-D) | | Other: | |
| D.O. (if req'd): | Pre-purge: ___ mg/L | Post-purge: ___ | mg/L |
| O.R.P. (if req'd): | Pre-purge: ___ mV | Post-purge: ___ | mV |