

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS

SERVICES, INCORPORATED

August 7, 1996

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Attention: Ms. Jennifer Eberle

RE: Unocal Service Station #0752
800 Harrison Street
Oakland, California

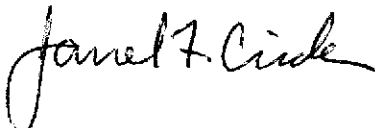
Dear Ms. Eberle:

Per the request of the Unocal Corporation Project Manager, Ms. Tina R. Berry, enclosed please find our most recent data report for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2321.

Sincerely,

MPDS Services, Inc.



Jarrel F. Crider

\dr

Enclosure

cc: Ms. Tina R. Berry

MPDS-UN0752-11
August 1, 1996

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Ms. Tina R. Berry

RE: Semi-Annual Data Report
Unocal Service Station #0752
800 Harrison Street
Oakland, California

Dear Ms. Berry:

This data report presents the results of the most recent semi-annual monitoring and sampling of the monitoring wells at the referenced site by MPDS Services, Inc.

RECENT FIELD ACTIVITIES

The monitoring wells that were monitored and sampled during this semi-annual period are indicated in Table 1. Oxygen Release Compound (ORC[®]) filter socks were present in all the monitoring wells. Prior to sampling, the wells were checked for depth to water and the presence of free product or sheen. The monitoring data and the ground water elevations are summarized in Table 1. The ground water flow direction during this semi-annual period is shown on the attached Figure 1.

Ground water samples were collected on July 9, 1996. Prior to sampling, the wells were each purged of between 7.5 and 10.5 gallons of water. In addition, dissolved oxygen concentrations were measured and are presented in Table 7. Samples were then collected using a clean Teflon bailer. The samples were decanted into clean VOA vials and/or one-liter amber bottles, as appropriate, which were then sealed with Teflon-lined screw caps, labeled, and stored in a cooler, on ice, until delivery to a state-certified laboratory. Trip blank, Equipment blank and Field blank samples (denoted as ES1, ES2 and ES3, respectively) were also collected for quality assurance and control. MPDS Services, Inc. transported the purged ground water to the Unocal Refinery located in Rodeo, California, for treatment and discharge to San Pablo Bay under NPDES permit.

ANALYTICAL RESULTS

The ground water samples were analyzed at Sequoia Analytical Laboratory and were accompanied by properly executed Chain of Custody documentation. The analytical results of the ground water samples collected to date are summarized in Tables 2 through 6. The concentrations of Total Petroleum Hydrocarbons (TPH) as gasoline and benzene detected in the ground water samples collected this semi-annual period are shown on the attached Figure 2. Copies of the laboratory analytical results and the Chain of Custody documentation are attached to this report.

LIMITATIONS

Environmental changes, either naturally-occurring or artificially-induced, may cause changes in ground water levels and flow paths, thereby changing the extent and concentration of any contaminants.

DISTRIBUTION

A copy of this report should be sent to Ms. Jennifer Eberle of the Alameda County Health Care Services Agency.

If you have any questions regarding this report, please do not hesitate to call Mr. Joel G. Greger at (510) 602-5120.

Sincerely,

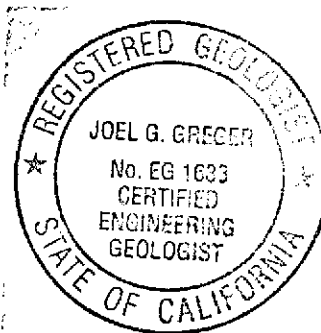
MPDS Services, Inc.



Haig (Gary) Tejirian
Senior Staff Geologist



Joel G. Greger, C.E.G.
Senior Engineering Geologist



License No. EG 1633

Exp. Date 8/31/98

/bp

- Attachments: Tables 1 through 7
Location Map
Figures 1 & 2
Laboratory Analyses
Chain of Custody documentation

cc: Mr. Robert H. Kezerian, Kaprealian Engineering, Inc.

Table 1
 Summary of Monitoring Data

| Well # | Ground Water Elevation (feet) | Depth to Water (feet)* | Total Well Depth (feet)* | Product Thickness (feet) | Sheen | Water Purged (gallons) |
|--------|-------------------------------|------------------------|--------------------------|--------------------------|-------|------------------------|
|--------|-------------------------------|------------------------|--------------------------|--------------------------|-------|------------------------|

(Monitored and Sampled on July 9, 1996)

| | | | | | | |
|-----|-------|-------|-------|---|----|------|
| MW1 | 16.17 | 18.52 | 33.70 | 0 | No | 10.5 |
| MW2 | 16.50 | 18.22 | 30.33 | 0 | No | 8.5 |
| MW3 | 15.71 | 17.43 | 30.57 | 0 | No | 9 |
| MW4 | 15.75 | 16.96 | 32.35 | 0 | No | 10.5 |
| MW5 | 15.84 | 17.11 | 31.80 | 0 | No | 10 |
| MW6 | 15.57 | 16.59 | 30.94 | 0 | No | 10 |
| MW7 | 15.21 | 16.99 | 31.60 | 0 | No | 10 |
| MW8 | 15.22 | 16.78 | 27.75 | 0 | No | 7.5 |

(Monitored and Sampled on April 10, 1996)

| | | | | | | |
|-----|-------|-------|-------|---|----|------|
| MW1 | 17.04 | 17.65 | 33.90 | 0 | No | 11.5 |
| MW2 | 17.37 | 17.35 | 30.45 | 0 | No | 9 |
| MW3 | 16.74 | 16.40 | 31.80 | 0 | No | 10.5 |
| MW4 | 16.71 | 16.00 | 32.51 | 0 | No | 11.5 |
| MW5 | 16.90 | 16.05 | 31.95 | 0 | No | 11 |
| MW6 | 16.60 | 15.56 | 31.03 | 0 | No | 11 |
| MW7 | 16.39 | 15.81 | 31.95 | 0 | No | 11 |
| MW8 | 16.30 | 15.70 | 27.60 | 0 | No | 8.5 |

(Monitored and Sampled on January 3, 1996)

| | | | | | | |
|-----|-------|-------|-------|---|----|-----|
| MW1 | 15.00 | 19.69 | 33.88 | 0 | No | 10 |
| MW2 | 15.32 | 19.40 | 30.59 | 0 | No | 8 |
| MW3 | 14.60 | 18.54 | 30.74 | 0 | No | 8.5 |
| MW4 | 14.66 | 18.05 | 32.50 | 0 | No | 10 |
| MW5 | 14.75 | 18.20 | 31.80 | 0 | No | 9.5 |
| MW6 | 14.50 | 17.66 | 30.97 | 0 | No | 9.5 |
| MW7 | 14.18 | 18.02 | 31.93 | 0 | No | 9.5 |
| MW8 | 14.18 | 17.82 | 27.61 | 0 | No | 7 |

(Monitored and Sampled on October 10, 1995)

| | | | | | | |
|-----|-------|-------|-------|---|----|------|
| MW1 | 15.09 | 19.60 | 33.96 | 0 | No | 10 |
| MW2 | 15.47 | 19.25 | 30.75 | 0 | No | 8 |
| MW3 | 14.64 | 18.50 | 30.81 | 0 | No | 8.5 |
| MW4 | 14.68 | 18.03 | 32.61 | 0 | No | 10 |
| MW5 | 14.80 | 18.15 | 32.00 | 0 | No | 10.5 |
| MW6 | 14.48 | 17.68 | 31.25 | 0 | No | 10 |
| MW7 | 14.12 | 18.08 | 32.16 | 0 | No | 10 |
| MW8 | 14.15 | 17.85 | 27.15 | 0 | No | 6.5 |

Table 1
Summary of Monitoring Data

| Well # | Well Casing Elevation (feet)* |
|--------|-------------------------------------|
| MW1 | 34.69 |
| MW2 | 34.72 |
| MW3 | 33.14 |
| MW4 | 32.71 |
| MW5 | 32.95 |
| MW6 | 32.16 |
| MW7 | 32.20 |
| MW8 | 32.00 |

- ♦ The depth to water level and total well depth measurements were taken from the top of the well casings.
- * The elevations of the top of the well casings are relative to Mean Sea Level (MSL), per the City of Oakland benchmark disk stamped "25/A" at the northeast corner of 7th and Harrison (elevation = 28.81 feet MSL).

Table 2
 Summary of Laboratory Analyses
 Water

| Well # | Date | TPH as Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylenes |
|--------|----------|--------------------|---------|---------|-------------------|---------|
| MW1 | 6/5/91 | 47 | ND | ND | ND | ND |
| | 9/30/91 | ND | ND | ND | ND | ND |
| | 12/30/91 | ND | ND | ND | ND | ND |
| | 4/2/92 | ND | ND | ND | ND | ND |
| | 6/30/92 | ND | ND | ND | ND | ND |
| | 9/15/92 | 76 | 1.0 | ND | ND | ND |
| | 12/21/92 | 95 | 0.69 | ND | ND | 1.0 |
| | 4/28/93 | 920 | 3.1 | 2.3 | 1.2 | 9.7 |
| | 7/23/93 | ND | 0.5 | 0.66 | ND | ND |
| | 10/5/93 | 92** | 1.5 | ND | ND | 0.72 |
| | 1/3/94 | ND | ND | ND | ND | ND |
| | 4/2/94 | ND | ND | ND | ND | ND |
| | 7/5/94 | 250 | 4.8 | 13 | 1.2 | 7.3 |
| | 10/6/94 | 540 | 1.4 | ND | 0.66 | 11 |
| | 1/2/95 | 140 | ND | ND | ND | ND |
| | 4/3/95 | 580 | 3.6 | 0.75 | ND | 4.0 |
| | 7/14/95 | 260 | 2.1 | ND | ND | 1.2 |
| | 10/10/95 | 220 | 2.0 | ND | 25 | 5.6 |
| | 1/3/96 | 190 | 2.4 | ND | 0.71 | 1.2 |
| | 4/10/96 | 540 | 8.9 | 1.7 | 1.5 | 7.4 |
| 7/9/96 | 490 | 3.0 | 1.4 | 1.3 | 2.5 | |
| MW2 | 6/5/91 | 49 | ND | ND | ND | ND |
| | 9/30/91 | 130 | 18 | 0.53 | 14 | 9.6 |
| | 12/30/91 | 91 | 16 | 0.89 | 11 | 1.9 |
| | 4/2/92 | 88 | 12 | 0.32 | 6.3 | 7.2 |
| | 6/30/92 | 76 | 9.3 | 0.76 | 4.8 | 6.9 |
| | 9/15/92 | 1,300 | 91 | 5.7 | 80 | 110 |
| | 12/21/92 | 960 | 97 | 3.2 | 74 | 96 |
| | 4/28/93 | 1,300 | 76 | 1.9 | 130 | 87 |
| | 7/23/93 | 66 | 1.8 | ND | 2.5 | 2.0 |
| | 10/5/93 | 120 | 12 | ND | 2.1 | 12 |
| | 1/3/94 | 260 | 25 | ND | 5.5 | 26 |
| | 4/2/94 | ND | 0.65 | ND | ND | 0.99 |
| | 7/5/94 | 160 | 16 | ND | 0.73 | 10 |
| | 10/6/94 | 170 | 15 | ND | 1.4 | 11 |
| | 1/2/95 | 190 | 27 | ND | 0.95 | 11 |
| | 4/3/95 | 2,400 | 65 | 6.6 | 19 | 63 |
| | 7/14/95 | 750 | 270 | ND | ND | 13 |
| | 10/10/95 | 50 | 1.6 | ND | ND | ND |
| | 1/3/96 | ND | ND | ND | ND | ND |
| | 4/10/96 | 300 | 42 | ND | 2.4 | 9.0 |
| 7/9/96 | 760 | 230 | ND | 1.3 | 2.4 | |

Table 2
 Summary of Laboratory Analyses
 Water

| Well # | Date | TPH as Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylenes |
|--------|----------|-----------------|---------|---------|---------------|---------|
| MW3 | 6/5/91 | 5,800 | 1,200 | 40 | 140 | 97 |
| | 9/30/91 | 6,800 | 1,400 | 130 | 290 | 240 |
| | 12/30/91 | 7,200 | 2,100 | 690 | 410 | 550 |
| | 4/2/92 | 8,000 | 1,400 | 200 | 300 | 310 |
| | 6/30/92 | 8,900 | 1,900 | 210 | 430 | 550 |
| | 9/15/92 | 10,000 | 1,900 | 330 | 400 | 580 |
| | 12/21/92 | 8,500 | 1,500 | 150 | 310 | 330 |
| | 4/28/93 | 2,600 | 220 | 7.6 | 41 | 27 |
| | 7/23/93 | 4,400 | 660 | 26 | 160 | 82 |
| | 10/5/93 | 9,200 | 720 | 88 | 140 | 140 |
| | 1/3/94 | 4,900 | 830 | 100 | 170 | 150 |
| | 4/2/94 | 6,000 | 800 | 30 | 140 | 110 |
| | 7/5/94 | 25,000** | ND | ND | ND | ND |
| | 10/6/94 | 49,000* | 1,300 | 200 | 280 | 300 |
| | 1/2/95 | 480 | 1.6 | ND | 1.4 | ND |
| | 4/3/95 | 8,100** | 65 | ND | ND | ND |
| | 7/14/95 | ND | 1,300 | ND | ND | ND |
| | 10/10/95 | 3,100 | 1,400 | 36 | 50 | 53 |
| | 1/03/96✓ | ND | 2,300 | 110 | 150 | 140 |
| | 4/10/96 | 940 | 38 | 33 | 39 | 47 |
| 7/9/96 | ND | 2,000 | ND | 150 | 160 | |
| MW4 | 10/19/92 | 480 | 0.51 | 2.1 | 2.8 | 6.8 |
| | 12/21/92 | 220* | ND | ND | 0.97 | 0.74 |
| | 4/28/93 | ND | ND | ND | ND | ND |
| | 7/23/93 | 85* | ND | ND | ND | ND |
| | 10/5/93 | 130** | ND | ND | ND | ND |
| | 1/3/94 | 210 | ND | ND | 0.76 | 1.6 |
| | 4/2/94 | 89 | ND | ND | ND | ND |
| | 7/5/94 | 190** | ND | ND | ND | ND |
| | 10/6/94 | 170 | 0.85 | ND | ND | 0.74 |
| | 1/2/95 | ND | ND | ND | ND | ND |
| | 4/3/95 | 98** | ND | ND | ND | ND |
| | 7/14/95 | ND | ND | ND | ND | ND |
| | 10/10/95 | ND | ND | ND | ND | ND |
| | 1/03/96✓ | ND | ND | ND | ND | ND |
| | 4/10/96 | ND | ND | ND | ND | ND |
| 7/9/96 | ND | ND | ND | ND | ND | |

Table 2
 Summary of Laboratory Analyses
 Water

| Well # | Date | TPH as Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylenes |
|--------|----------|-----------------|---------|---------|---------------|---------|
| MW5 | 10/19/92 | 2,700 | 61 | 5.0 | 100 | 61 |
| | 12/21/92 | 1,700 | 51 | 4.7 | 83 | 34 |
| | 4/28/93 | 6,700 | 200 | 190 | 250 | 430 |
| | 7/23/93 | 2,000 | 122 | 8.0 | 68 | 47 |
| | 10/5/93 | 1,700 | 70 | 6.2 | 54 | 40 |
| | 1/3/94 | 1,500 | 44 | ND | 42 | 46 |
| | 4/2/94 | 1,800 | 46 | 5.1 | 38 | 35 |
| | 7/5/94 | 2,200 | 97 | 8.4 | 37 | 36 |
| | 10/6/94 | 1,600 | 79 | 5.7 | 28 | 22 |
| | 1/2/95 | 1,700 | 50 | 8.6 | 30 | 28 |
| | 4/3/95 | 5,400** | 190 | 240 | 170 | 420 |
| | 7/14/95 | 3,800 | 210 | 100 | 130 | 190 |
| | 10/10/95 | 1,300 | 92 | 14 | 15 | 39 |
| | 1/03/96✓ | 630 | 53 | 4.4 | 8.3 | 13 |
| | 4/10/96 | 500 | 25 | 18 | 7.0 | 20 |
| | 7/9/96 | 1,000 | 44 | 20 | 10 | 34 |
| MW6 | 10/19/92 | 3,900 | 420 | 12 | 60 | 28 |
| | 12/21/92 | 2,300 | 370 | 11 | 39 | 15 |
| | 4/28/93 | 1,200 | 54 | 1.5 | 11 | 5.3 |
| | 7/23/93 | 580 | 19 | 0.99 | 3.4 | 2.7 |
| | 10/5/93 | 1,400 | 34 | ND | 5.3 | 7.3 |
| | 1/3/94 | 1,400 | 57 | ND | 8.5 | 11 |
| | 4/2/94 | 5,300* | ND | ND | ND | ND |
| | 7/5/94 | ND | ND | ND | ND | ND |
| | 10/6/94 | 11,000** | ND | ND | ND | ND |
| | 1/2/95 | 550 | 18 | 0.92 | 2.0 | 1.8 |
| | 4/3/95 | 6,600** | ND | ND | ND | ND |
| | 7/14/95 | ND | ND | ND | ND | ND |
| | 10/10/95 | ND | 81 | ND | ND | ND |
| | 1/03/96✓ | 70 | 9.9 | 0.58 | ND | 0.81 |
| | 4/10/96 | 300 | 25 | 4.7 | 0.94 | 2.7 |
| | 7/9/96 | 1,800 | 410 | ND | 12 | ND |

Table 2
 Summary of Laboratory Analyses
 Water

| Well # | Date | TPH as Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylenes |
|--------|----------|-----------------|---------|---------|---------------|---------|
| MW7 | 4/28/93 | 110 | 2.8 | 1.3 | 1.4 | 1.7 |
| | 7/23/93 | 790 | 23 | 3.3 | 28 | 5.4 |
| | 10/5/93 | 360 | 10 | 1.2 | 0.91 | 0.99 |
| | 1/3/94 | ND | 0.93 | ND | 0.75 | 1.9 |
| | 4/2/94 | 360 | 2.0 | ND | ND | 0.8 |
| | 7/5/94 | ND | ND | ND | ND | ND |
| | 10/6/94 | 340 | 5.6 | 0.85 | ND | 1.2 |
| | 1/2/95 | ND | ND | ND | ND | ND |
| | 4/3/95 | 570 | 24 | ND | 3.4 | 5.8 |
| | 7/14/95 | ND | 14 | ND | ND | ND |
| | 10/10/95 | 740 | 170 | ND | ND | ND |
| | 1/03/96✓ | 360 | 16 | 1.3 | 2.7 | 1.4 |
| | 4/10/96 | 120 | 4.1 | 1.5 | ND | 0.88 |
| 7/9/96 | ND | ND | ND | ND | ND | |
| MW8 | 4/28/93 | 450 | 18 | 1.8 | 1.8 | 1.4 |
| | 7/23/93 | 260 | 5.1 | ND | 0.6 | ND |
| | 10/5/93 | 120** | 1.7 | ND | ND | ND |
| | 1/3/94 | ND | ND | ND | ND | ND |
| | 4/2/94 | 150 | 1.2 | ND | ND | ND |
| | 7/5/94 | 730 | 17 | ND | 1.6 | ND |
| | 10/6/94 | 140** | ND | ND | ND | ND |
| | 1/2/95 | 440 | 18 | 0.72 | 2.0 | 1.8 |
| | 4/3/95 | 960 | 11 | ND | ND | ND |
| | 7/14/95 | 280 | 4.2 | 2.6 | 1.1 | 3.3 |
| | 10/10/95 | 110 | 1.3 | 0.62 | 0.67 | ND |
| | 1/03/96✓ | 63 | ND | 0.51 | ND | 1.8 |
| | 4/10/96 | ND | 1.1 | 0.61 | ND | ND |
| 7/9/96 | 72 | 1.0 | ND | ND | ND | |

- ✓ Sequoia Analytical Laboratory has identified the presence of MTBE at a level above or equal to the taste and odor threshold of 40 µg/L in the sample collected from this well.
- * Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.
- ** Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.

ND = Non-detectable

-- Indicates analysis was not performed.

Table 3
 Summary of Laboratory Analyses
 Water

| Well # | Date | TPH as Diesel | Chloroform | Tetrachloro-ethene | Trichloro-ethene | MTBE |
|--------|-----------|---------------|------------|--------------------|------------------|---------|
| MW1 | 6/5/91 | ND | 7.8 | 2.9 | 1.3 | -- |
| | 9/30/91 | ND | -- | -- | -- | -- |
| | 12/30/91 | ND | 6.4 | 2.1 | 0.9 | -- |
| | 4/2/92 | 94 | 7.1 | 2.6 | 1.4 | -- |
| | 6/30/92 | 120 | 9.5 | 2.2 | 1.3 | -- |
| | 9/15/92 | ND | 12 | 2.2 | 1.3 | -- |
| | 12/21/92 | ND | 12 | 1.4 | 0.83 | -- |
| | 4/28/93 ♦ | 470 ▲ ▲ | 12 | 0.89 | 0.85 | -- |
| | 7/23/93 | ND | 16 | 1.3 | 0.91 | -- |
| | 10/5/93 | 57 ▲ | 13 | 1.3 | 0.66 | -- |
| | 1/3/94* | ND | 18 | 1.4 | 0.93 | -- |
| | 4/2/94 | ND | 15 | 1.1 | 0.68 | -- |
| | 10/10/95 | -- | -- | -- | -- | 29 |
| | 4/10/96 | -- | -- | -- | -- | 50 |
| | 7/9/96 | -- | -- | -- | -- | 150 |
| MW2 | 10/10/95 | -- | -- | -- | -- | 200 |
| | 4/10/96 | -- | -- | -- | -- | 620 |
| | 7/9/96 | -- | -- | -- | -- | 1,500 |
| MW3 | 10/10/95 | -- | -- | -- | -- | 190,000 |
| | 4/10/96 | -- | -- | -- | -- | 69,000 |
| | 7/9/96 | -- | -- | -- | -- | 140,000 |
| MW4 | 1/3/94 | -- | 9.0 | 1.0 | ND | 240 |
| | 10/10/95 | -- | -- | -- | -- | 120 |
| | 4/10/96 | -- | -- | -- | -- | 240 |
| | 7/9/96 | -- | -- | -- | -- | 480 |
| MW5 | 10/10/95 | -- | -- | -- | -- | 1,100 |
| | 4/10/96 | -- | -- | -- | -- | 640 |
| | 7/9/96 | -- | -- | -- | -- | 150 |
| MW6 | 10/10/95 | -- | -- | -- | -- | 75,000 |
| | 4/10/96 | -- | -- | -- | -- | 53,000 |
| | 7/9/96 | -- | -- | -- | -- | 40,000 |
| MW7 | 10/10/95 | -- | -- | -- | -- | 13,000 |
| | 4/10/96 | -- | -- | -- | -- | 3,200 |
| | 7/9/96 | -- | -- | -- | -- | 3,400 |

Table 3
 Summary of Laboratory Analyses
 Water

| Well # | Date | TPH as Diesel | Chloroform | Tetrachloroethene | Trichloroethene | MTBE |
|--------|----------|---------------|------------|-------------------|-----------------|------|
| MW8 | 1/3/94♦ | -- | 1.5 | 1.2 | ND | 51 |
| | 10/10/95 | -- | -- | -- | -- | 170 |
| | 4/10/96 | -- | -- | -- | -- | 60 |
| | 7/9/96 | -- | -- | -- | -- | 140 |

* A fuel fingerprint analysis was conducted on this sample. Sequoia Analytical Laboratory reported that total extractable petroleum hydrocarbons in this sample were not detected in high enough concentrations to compare with known standards and approximate their makeup.

♦ 1,2-dichloroethane was detected in MW8 at a concentration of 4.0 µg/L on 1/03/94, and 1.1 µg/L in MW1 on 4/28/93.

^ Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be diesel.

^^ Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a diesel and non-diesel mixture.

ND = Non-detectable.

-- Indicates analysis was not performed.

Results are in micrograms per liter (µg/L), unless otherwise indicated.

Note: - All EPA method 8010 constituents were non-detectable, except as indicated above.

- Laboratory analyses data prior to January 3, 1994, were provided by Kaprealian Engineering, Inc.

Table 4
Summary of Laboratory Analyses
Water

| Well # | Date | TOG | Cadmium | Chromium | Lead | Nickel | Zinc |
|--------|----------|-----|---------|----------|--------|--------|-------|
| MW1 | 6/30/92 | ND | ND | 0.079 | 0.009 | 0.1 | 0.087 |
| MW1 | 4/2/92 | ND | ND | 0.015 | 0.016 | ND | 0.02 |
| MW1 | 12/30/91 | ND | ND | 0.0078 | 0.0057 | ND | 0.046 |
| MW1 | 9/30/91 | ND | ND | 0.019 | ND | ND | 0.11 |
| MW1 | 6/5/91 | ND | ND | 0.0083 | 0.011 | 0.063 | 0.023 |

TOG = Total Oil & Grease.

ND = Non-detectable.

Results are in milligrams per liter (mg/L), unless otherwise indicated.

Note: Laboratory analyses data were provided by Kaprealian Engineering, Inc.

Table 5
Summary of Laboratory Analyses
Water

| Date | Well # | Heterotrophic Plate Count (CFU/mL) |
|--------|--------|------------------------------------|
| 1/3/96 | MW2 | > 5,700 |
| | MW3 | 350 |
| | MW4 | 1,000 |
| | MW5 | > 5,700 |
| | MW8 | > 5,700 |

CFU/mL = Colony Forming Units per milliliter.

Table 6
 Summary of Laboratory Analyses
 Water

| Date | Well # | BOD | Bicarbonate Alkalinity | Calcium | Iron | Manganese | Nitrate | Sulfate |
|---------|--------|-----|---------------------------|---------|------|-----------|---------|---------|
| 4/10/96 | MW1 | -- | 160 | 21 | 15 | 2.6 | -- | -- |
| | MW2 | -- | 460 | 58 | 60 | 7.0 | -- | -- |
| | MW3 | -- | 360 | 40 | 60 | 3.7 | -- | -- |
| | MW4 | -- | 160 | 25 | 43 | 2.0 | -- | -- |
| | MW5 | -- | 240 | 22 | 18 | 2.4 | -- | -- |
| | MW6 | -- | 240 | 35 | 61 | 3.7 | -- | -- |
| | MW7 | -- | 210 | 44 | 120 | 4.8 | -- | -- |
| | MW8 | -- | 380 | 37 | 63 | 3.6 | -- | -- |
| 1/3/96 | MW2 | 2.2 | 130 | 27 | 77 | 3.0 | 0.22 | 97 |
| | MW3 | 4.3 | 430 | 43 | 61 | 5.4 | 0.23 | 16 |
| | MW4 | ND | 120 | 20 | 61 | 3.3 | 10 | 44 |
| | MW5 | 3.4 | 240 | 31 | 80 | 3.3 | ND | 17 |
| | MW8 | ND | 310 | 37 | 62 | 3.3 | 0.57 | 20 |

-- Indicates analysis was not performed.

ND = Non-detectable.

BOD = Biochemical Oxygen Demand

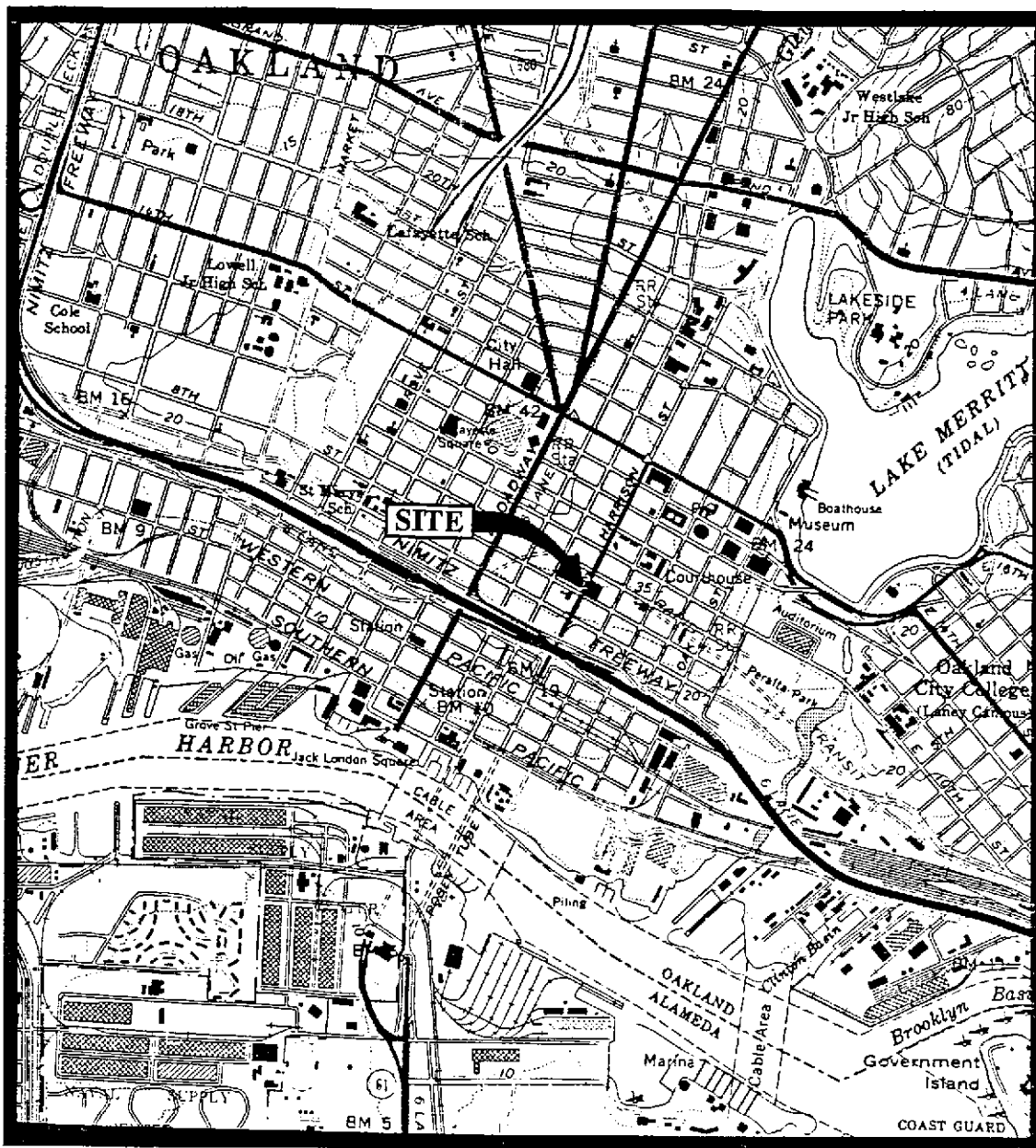
Results are in milligrams per liter (mg/L), unless otherwise indicated.

Table 7
Summary of Monitoring Data

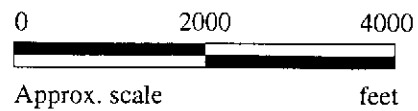
| Date | Well # | Dissolved Oxygen Concentrations After Purging |
|---------|--------|--|
| 7/9/96 | MW1 | 3.13 |
| | MW2 | 0.71 |
| | MW3 | 1.04 |
| | MW4 | 4.91 |
| | MW5 | 3.25 |
| | MW6 | 3.62 |
| | MW7 | 2.34 |
| | MW8 | 1.32 |
| 4/10/96 | MW1 | 3.04 |
| | MW2 | 5.88 |
| | MW3 | 4.63 |
| | MW4 | 5.23 |
| | MW5 | 3.73 |
| | MW6 | 4.50 |
| | MW7 | 5.10 |
| | MW8 | 4.80 |
| 1/3/96 | MW2 | 1.8 |
| | MW3 | 1.5 |
| | MW4 | 1.2 |
| | MW5 | 2.8 |
| | MW8 | 1.3 |

Results are in milligrams per liter (mg/L).

Note: Measurements were taken using a LaMotte DO4000 dissolved oxygen meter.



Base modified from 7.5 minute U.S.G.S. Oakland West Quadrangle
(photorevised 1980)



mpds SERVICES, INCORPORATED

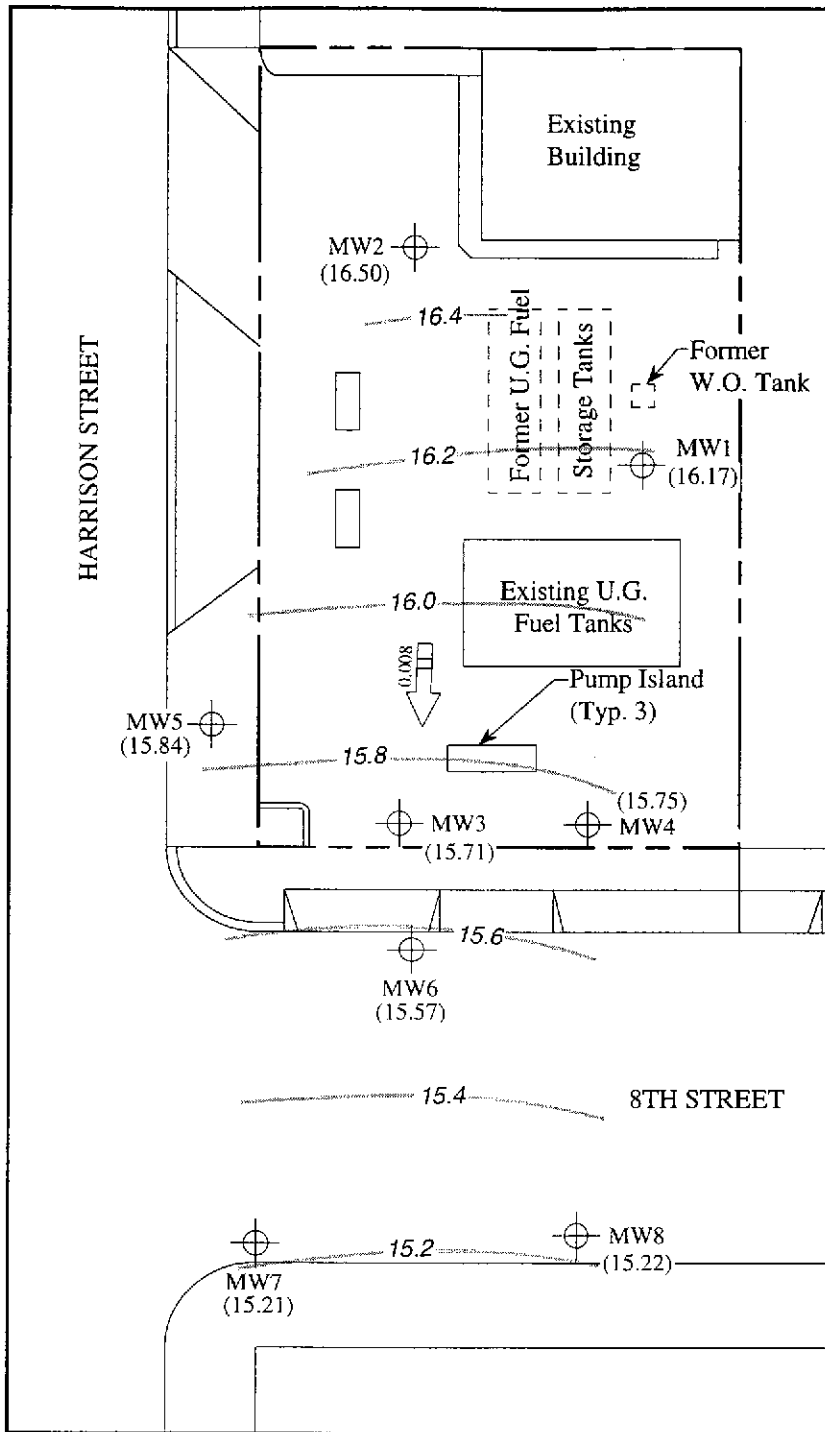
UNOCAL SERVICE STATION #0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

LOCATION
MAP





Table 2
Summary of Laboratory Analyses
Water

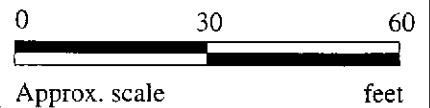
Results are in micrograms per liter ($\mu\text{g/L}$), unless otherwise indicated.

- Note: - The detection limit for results reported as ND by Sequoia Analytical Laboratory is equal to the stated detection limit times the dilution factor indicated on the laboratory analytical sheets.
- Prior to August 1, 1995, the total purgeable petroleum hydrocarbon (TPH as gasoline) quantification range used by Sequoia Analytical Laboratory was C4 - C12. Since August 1, 1995, the quantification range used by Sequoia Analytical Laboratory is C6 - C12.
 - Laboratory analyses data prior to January 3, 1994, were provided by Kaprealian Engineering, Inc.



LEGEND

-  Monitoring well
-  Ground water elevation in feet above Mean Sea Level
-  Direction of ground water flow with approximate hydraulic gradient
-  Contours of ground water elevation

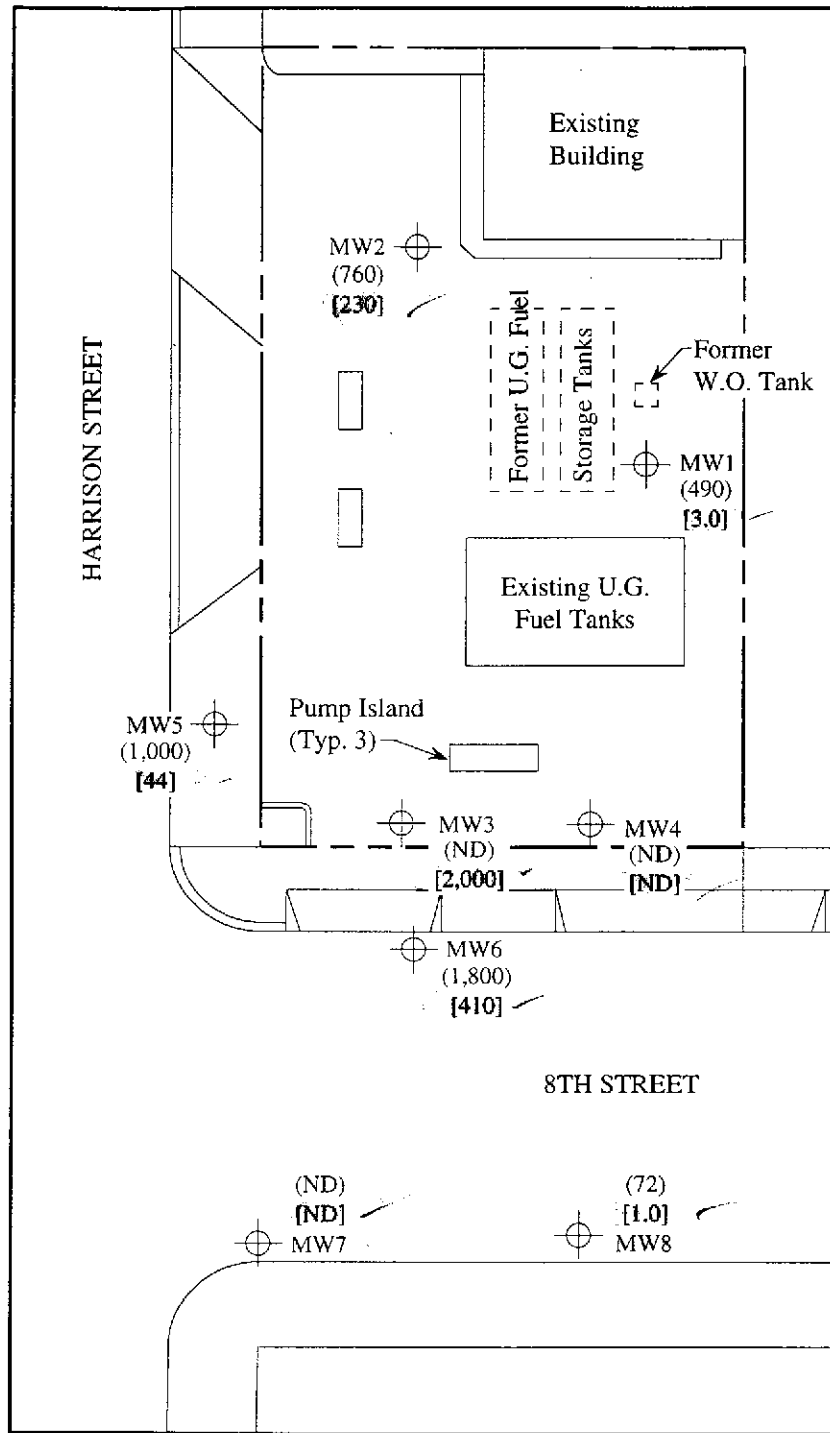


POTENTIOMETRIC SURFACE MAP FOR THE JULY 9, 1996 MONITORING EVENT

mpds SERVICES, INCORPORATED

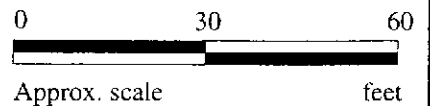
**UNOCAL SERVICE STATION #0752
800 HARRISON STREET
OAKLAND, CALIFORNIA**

**FIGURE
1**



LEGEND

- ⊕ Monitoring well
- () Concentration of TPH as gasoline in µg/L
- [] Concentration of benzene in µg/L
- ND Non-detectable



PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUND WATER ON JULY 9, 1996



**UNOCAL SERVICE STATION #0752
800 HARRISON STREET
OAKLAND, CALIFORNIA**

**FIGURE
2**



| | | |
|-----------------------------|--|------------------------|
| MPDS Services | Client Project ID: Unocal #0752, 800 Harrison St., Oakland | Sampled: Jul 9, 1996 |
| 2401 Stanwell Dr., Ste. 300 | Matrix Descript: Water | Received: Jul 9, 1996 |
| Concord, CA 94520 | Analysis Method: EPA 5030/8015 Mod./8020 | Reported: Jul 22, 1996 |
| Attention: Jarrel Crider | First Sample #: 607-0719 | |

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Sample Number | Sample Description | Purgeable Hydrocarbons µg/L | Benzene µg/L | Toluene µg/L | Ethyl Benzene µg/L | Total Xylenes µg/L |
|---------------|--------------------|--------------------------------|-----------------|-----------------|-----------------------|-----------------------|
| 607-0719 | MW-1 | 490 | 3.0 ✓ | 1.4 | 1.3 | 2.5 |
| 607-0720 | MW-2 | 760 | 230 ✓ | ND | 1.3 | 2.4 |
| 607-0721 | MW-3 | ND | 2,000 ✓ | ND | 150 | 160 |
| 607-0722 | MW-4 | ND | ND ✓ | ND | ND | ND |
| 607-0723 | MW-5 | 1,000 | 44 ✓ | 20 | 10 | 34 |
| 607-0724 | MW-6 | 1,800 | 410 ✓ | ND | 12 | ND |
| 607-0725 | MW-7 | ND | ND ✓ | ND | ND | ND |
| 607-0726 | MW-8 | 72 | 1.0 ✓ | ND | ND | ND |
| 607-0727 | ES-1 | ND | ND | ND | ND | ND |
| 607-0728 | ES-2 | ND | ND | ND | ND | ND |
| 607-0729 | ES-3 | ND | ND | ND | ND | ND |

| | | | | | |
|--------------------------|-----------|-------------|-------------|-------------|-------------|
| Detection Limits: | 50 | 0.50 | 0.50 | 0.50 | 0.50 |
|--------------------------|-----------|-------------|-------------|-------------|-------------|

Total Purgeable Petroleum Hydrocarbons are quantitated against a fresh gasoline standard. Analytes reported as ND were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager





| | | |
|-----------------------------|--|------------------------|
| MPDS Services | Client Project ID: Unocal #0752, 800 Harrison St., Oakland | Sampled: Jul 9, 1996 |
| 2401 Stanwell Dr., Ste. 300 | Matrix Descript: Water | Received: Jul 9, 1996 |
| Concord, CA 94520 | Analysis Method: EPA 5030/8015 Mod./8020 | Reported: Jul 22, 1996 |
| Attention: Jarrel Crider | First Sample #: 607-0719 | |

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Sample Number | Sample Description | Chromatogram Pattern | DL Mult. Factor | Date Analyzed | Instrument ID | Surrogate Recovery, % QC Limits: 70-130 |
|---------------|--------------------|----------------------|-----------------|---------------|---------------|---|
| 607-0719 | MW-1 | Gasoline | 1.0 | 7/16/96 | HP-11 | 95 |
| 607-0720 | MW-2 | Gasoline | 5.0 | 7/17/96 | HP-2 | 103 |
| 607-0721 | MW-3 | -- | 200 | 7/17/96 | HP-2 | 110 |
| 607-0722 | MW-4 | -- | 1.0 | 7/17/96 | HP-2 | 105 |
| 607-0723 | MW-5 | Gasoline | 2.0 | 7/17/96 | HP-2 | 159 |
| 607-0724 | MW-6 | Gasoline | 20 | 7/17/96 | HP-2 | 108 |
| 607-0725 | MW-7 | -- | 10 | 7/18/96 | HP-11 | 94 |
| 607-0726 | MW-8 | Gasoline | 1.0 | 7/17/96 | HP-2 | 108 |
| 607-0727 | ES-1 | -- | 1.0 | 7/17/96 | HP-2 | 103 |
| 607-0728 | ES-2 | -- | 1.0 | 7/17/96 | HP-2 | 105 |
| 607-0729 | ES-3 | -- | 1.0 | 7/17/96 | HP-2 | 103 |

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager





Sequoia Analytical

| | | | |
|-----------------------------|------------------------|----------------|--------------------|
| 680 Chesapeake Drive | Redwood City, CA 94063 | (415) 364-9600 | FAX (415) 364-9233 |
| 404 N. Wiget Lane | Walnut Creek, CA 94598 | (510) 988-9600 | FAX (510) 988-9673 |
| 819 Striker Avenue, Suite 8 | Sacramento, CA 95834 | (916) 921-9600 | FAX (916) 921-0100 |

| | | |
|-----------------------------|--|---------------------------|
| MPDS Services | Client Project ID: Unocal #0752, 800 Harrison St., Oakland | Sampled: Jul 9, 1996 |
| 2401 Stanwell Dr., Ste. 300 | Sample Descript: Water | Received: Jul 9, 1996 |
| Concord, CA 94520 | Analysis for: MTBE (Modified EPA 8020) | Analyzed: Jul 16-18, 1996 |
| Attention: Jarrel Crider | First Sample #: 607-0719 | Reported: Jul 22, 1996 |

LABORATORY ANALYSIS FOR: MTBE (Modified EPA 8020)

| Sample Number | Sample Description | Detection Limit µg/L | Sample Result µg/L |
|---------------|--------------------|-------------------------|-----------------------|
| 607-0719 | MW-1 | 40 | 150 |
| 607-0720 | MW-2 | 40 | 1,500 |
| 607-0721 | MW-3 | 1,200 | 140,000 |
| 607-0722 | MW-4 | 40 | 480 |
| 607-0723 | MW-5 | 40 | 150 |
| 607-0724 | MW-6 | 1,200 | 76,000 |
| 607-0725 | MW-7 | 40 | 3,400 |
| 607-0726 | MW-8 | 40 | 140 |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager





MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Jarrel Crider

Client Project ID: Unocal #0752, 800 Harrison St., Oakland
Matrix: Liquid

QC Sample Group: 6070719-729

Reported: Jul 22, 1996

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|-----------------|----------|----------|------------------|----------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | K. Nill | K. Nill | K. Nill | K. Nill |

| MS/MSD | | | | |
|---|---------|---------|---------|---------|
| Batch#: | 6070504 | 6070504 | 6070504 | 6070504 |
| Date Prepared: | 7/16/96 | 7/16/96 | 7/16/96 | 7/16/96 |
| Date Analyzed: | 7/16/96 | 7/16/96 | 7/16/96 | 7/16/96 |
| Instrument I.D.#: | HP-11 | HP-11 | HP-11 | HP-11 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| Matrix Spike % Recovery: | 110 | 95 | 110 | 103 |
| Matrix Spike Duplicate % Recovery: | 105 | 90 | 100 | 97 |
| Relative % Difference: | 4.7 | 5.4 | 9.5 | 6.7 |

| LCS Batch#: | 11LCS071696 | 11LCS071696 | 11LCS071696 | 11LCS071696 |
|----------------------------|-------------|-------------|-------------|-------------|
| Date Prepared: | 7/16/96 | 7/16/96 | 7/16/96 | 7/16/96 |
| Date Analyzed: | 7/16/96 | 7/16/96 | 7/16/96 | 7/16/96 |
| Instrument I.D.#: | HP-11 | HP-11 | HP-11 | HP-11 |
| LCS % Recovery: | 105 | 90 | 100 | 98 |

| % Recovery Control Limits: | 60-140 | 60-140 | 60-140 | 60-140 |
|-------------------------------|--------|--------|--------|--------|
|-------------------------------|--------|--------|--------|--------|

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

Please Note:

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





Sequoia Analytical

680 Chesapeake Drive
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Sacramento, CA 95834

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(510) 988-9600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Jarrel Crider

Client Project ID: Unocal #0752, 800 Harrison St., Oakland
Matrix: Liquid

QC Sample Group: 6070719-729

Reported: Jul 24, 1996

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|-----------------|---------------|---------------|---------------|---------------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | S. Chullakorn | S. Chullakorn | S. Chullakorn | S. Chullakorn |

| MS/MSD | Benzene | Toluene | Ethyl Benzene | Xylenes |
|---|---------|---------|---------------|---------|
| Batch#: | 6070590 | 6070590 | 6070590 | 6070590 |
| Date Prepared: | 7/17/96 | 7/17/96 | 7/17/96 | 7/17/96 |
| Date Analyzed: | 7/17/96 | 7/17/96 | 7/17/96 | 7/17/96 |
| 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 |
| Matrix Spike % Recovery: | 114 | 115 | 120 | 117 |
| Matrix Spike Duplicate % Recovery: | 124 | 120 | 130 | 122 |
| Relative % Difference: | 8.4 | 4.3 | 8.0 | 4.2 |

| LCS Batch#: | 2LCS071796 | 2LCS071796 | 2LCS071796 | 2LCS071796 |
|--------------------------|------------|------------|------------|------------|
| Date Prepared: | 7/17/96 | 7/17/96 | 7/17/96 | 7/17/96 |
| Date Analyzed: | 7/17/96 | 7/17/96 | 7/17/96 | 7/17/96 |
| Instrument I.D.#: | HP-2 | HP-2 | HP-2 | HP-2 |
| LCS % Recovery: | 115 | 110 | 115 | 117 |

| | | | | |
|-----------------------------------|--------|--------|--------|--------|
| % Recovery Control Limits: | 60-140 | 60-140 | 60-140 | 60-140 |
|-----------------------------------|--------|--------|--------|--------|

Please Note:

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

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

6070719.MPD <5>





MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Jarrel Crider

Client Project ID: Unocal #0752, 800 Harrison St., Oakland
Matrix: Liquid

QC Sample Group: 6070719-729

Reported: Jul 24, 1996

QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl Benzene | Xylenes |
|-----------------|---------------|---------------|------------------|---------------|
| Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Analyst: | S. Chullakorn | S. Chullakorn | S. Chullakorn | S. Chullakorn |

| | | | | |
|--------------------------|---------|---------|---------|---------|
| MS/MSD | | | | |
| Batch#: | 6070964 | 6070964 | 6070964 | 6070964 |
| Date Prepared: | 7/18/96 | 7/18/96 | 7/18/96 | 7/18/96 |
| Date Analyzed: | 7/18/96 | 7/18/96 | 7/18/96 | 7/18/96 |
| Instrument I.D.#: | HP-11 | HP-11 | HP-11 | HP-11 |
| Conc. Spiked: | 20 µg/L | 20 µg/L | 20 µg/L | 60 µg/L |
| Matrix Spike | | | | |
| % Recovery: | 100 | 85 | 95 | 93 |
| Matrix Spike | | | | |
| Duplicate % | | | | |
| Recovery: | 115 | 100 | 110 | 103 |
| Relative % | | | | |
| Difference: | 14 | 16 | 15 | 10 |

| | | | | |
|--------------------------|-------------|-------------|-------------|-------------|
| LCS Batch#: | 11LCS071896 | 11LCS071896 | 11LCS071896 | 11LCS071896 |
| Date Prepared: | 7/18/96 | 7/18/96 | 7/18/96 | 7/18/96 |
| Date Analyzed: | 7/18/96 | 7/18/96 | 7/18/96 | 7/18/96 |
| Instrument I.D.#: | HP-11 | HP-11 | HP-11 | HP-11 |
| LCS % | | | | |
| Recovery: | 120 | 105 | 115 | 113 |

| | | | | |
|------------------------|--------|--------|--------|--------|
| % Recovery | | | | |
| Control Limits: | 60-140 | 60-140 | 60-140 | 60-140 |

Please Note:

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

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager



M P D S Services, Inc.

2401 Stanwell Drive, Suite 400, Concord, CA 94520
 Tel: (510) 602-5120 Fax: (510) 689-1918

9607139

CHAIN OF CUSTODY

| SAMPLER | | UNOCAL | | | | | | ANALYSES REQUESTED | | | | | | TURN AROUND TIME: | |
|-------------------|--------|--|-------|------|------|--------------|-------------------|--------------------|------------|-----|------|------|--|-------------------|-----|
| NICHOLAS PERROW | | S/S # <u>0752</u> CITY: <u>OAKLAND</u> | | | | | | TPH-GAS BTEX | TPH-DIESEL | TOG | 8010 | MTBE | | | REC |
| WITNESSING AGENCY | | ADDRESS: <u>800 HARRISON ST.</u> | | | | | | | | | | | | | |
| SAMPLE ID NO. | DATE | TIME | WATER | GRAB | COMP | NO. OF CONT. | SAMPLING LOCATION | | | | | | | | |
| MW-1 | 7/9/96 | 9:45 | ✓ | ✓ | | 4 VOLS | WELL | ✓ | | | | ✓ | | 6070719A-D | |
| MW-2 | " | 11:35 | ✓ | ✓ | | " | " | ✓ | | | | ✓ | | 6070720 | |
| MW-3 | " | 11:05 | ✓ | ✓ | | " | " | ✓ | | | | ✓ | | 6070721 | |
| MW-4 | " | 8:15 | ✓ | ✓ | | " | " | ✓ | | | | ✓ | | 6070722 | |
| MW-5 | " | 10:40 | ✓ | ✓ | | " | " | ✓ | | | | ✓ | | 6070723 | |
| MW-6 | " | 10:15 | ✓ | ✓ | | " | " | ✓ | | | | ✓ | | 6070724 | |
| MW-7 | " | 9:10 | ✓ | ✓ | | " | " | ✓ | | | | ✓ | | 6070725 | |
| MW-8 | " | 8:45 | ✓ | ✓ | | " | " | ✓ | | | | ✓ | | 6070726 | |

| RELINQUISHED BY: | DATE/TIME | RECEIVED BY: | THE FOLLOWING <u>MUST</u> BE COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES: |
|------------------|-----------------|--------------|--|
| (SIGNATURE) | 7/9/96 12:45 | (SIGNATURE) | 1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? Y |
| (SIGNATURE) | 1300 7-10 | (SIGNATURE) | 2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? Y |
| (SIGNATURE) | 7-10 1430 | (SIGNATURE) | 3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? N |
| (SIGNATURE) | | (SIGNATURE) | 4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? Y |
| (SIGNATURE) | | (SIGNATURE) | SIGNATURE: TITLE: Analyst DATE: 7/9/96 |

M P D S Services, Inc.

2401 Starwall Drive, Suite 400, Concord, CA 94520

Tel: (510) 602-5120 Fax: (510) 689-1918

CHAIN OF CUSTODY

9607139

| SAMPLER | | | UNOCAL | | | | | ANALYSES REQUESTED | | | | | | | TURN AROUND TIME: | |
|------------------------------------|--------|------|--|------|--|--------------|--|--------------------|------------|-----|------|--|--|--|-------------------|------|
| NICHOLAS PERROW | | | S/S # <u>0752</u> CITY: <u>OAKLAND</u> | | | | | TPH-GAS BTX | TPH-DIESEL | TOG | 8010 | | | | | REG. |
| WITNESSING AGENCY | | | ADDRESS: <u>800 HARRISON ST.</u> | | | | | | | | | | | | | |
| SAMPLE ID NO. | DATE | TIME | WATER | GRAB | COMP | NO. OF CONT. | SAMPLING LOCATION | | | | | | | | | |
| FS-1 | 7/9/96 | | ✓ | | | 1 Vol | | ✓ | | | | | | | | |
| FS-2 | " | | ✓ | | | " | | ✓ | | | | | | | | |
| FS-3 | " | | ✓ | | | 6 | | ✓ | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| RELINQUISHED BY: | | | DATE/TIME | | RECEIVED BY: | | THE FOLLOWING <u>MUST</u> BE COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES: | | | | | | | | | |
| (SIGNATURE) <i>Nicholas Perrow</i> | | | 7/9/96 12:45 | | (SIGNATURE) <i>Richard [unclear]</i> 7/9/96 12:45 | | 1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? <u>Y</u> | | | | | | | | | |
| (SIGNATURE) <i>[unclear]</i> | | | 7-10 1300 | | (SIGNATURE) <i>[unclear]</i> | | 2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? <u>Y</u> | | | | | | | | | |
| (SIGNATURE) <i>[unclear]</i> | | | 7-10 1430 | | (SIGNATURE) <i>[unclear]</i> | | 3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? <u>Y in FS-2</u> | | | | | | | | | |
| (SIGNATURE) <i>[unclear]</i> | | | | | (SIGNATURE) <i>[unclear]</i> | | 4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? <u>Y</u> | | | | | | | | | |
| | | | | | | | SIGNATURE: <i>Richard [unclear]</i> TITLE: <u>Analyst</u> DATE: <u>7/9/96</u> | | | | | | | | | |