**EXXON** COMPANY, U.S.A.

P.O. BOX 4032 • CONCORD, CA 94524-4032

MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER
SENIOR ENGINEER
(510) 246-8776
(510) 246-8798 FAX

December 30, 1996

Mr. Scott Seery
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California 94501-6577

**RE: EXXON RAS #7-3399/2991 HOPYARD ROAD, PLEASANTON, CA**

Dear Mr. Seery:

This letter is to confirm the submittal of the report entitled ***Quarterly Groundwater Monitoring Report, Fourth Quarter 1996*** for the above referenced Exxon site. The report, prepared by Delta Environmental Consultants, Inc., of Rancho Cordova, California, details the results of the November 1996 monitoring and sampling event.

If you have any questions or comments, please contact Roger Hicks at (510) 246-8768.

Sincerely,

By: R.M. Hicks

Marla D. Guensler
Senior Engineer

MDG/tjm

Attachment: Delta Report dated December 26, 1996

cc: w/attachment:
Mr. Sum Arigalia - San Francisco Bay RWQCB
Mr. David Lunn - Alameda Co. Flood Control (Zone-7)
Mr. Steve Cusenza - City of Pleasanton Public Works Dept.

w/o attachment:
Mr. Keoni Almeida - Delta, Rancho Cordova, CA

507
1/6/97

Delta
Environmental
Consultants, Inc.

3164 Gold Camp Drive
Suite 200
Rancho Cordova, CA 95670
916/638-2085
FAX: 916/638-8385

December 26, 1996

Ms. Marla Guensler
Exxon Company, U.S.A.
2300 Clayton Road, Suite 640
Concord, California 94520

Subject: *Quarterly Ground Water Monitoring Report, Fourth Quarter 1996*
Exxon Retail Station No. 7-3399
2991 Hopyard Road
Pleasanton, California
Delta Project No. D094-836

Dear Ms. Guensler:

Delta Environmental Consultants, Inc. (Delta), has been authorized by Exxon Company, U.S.A. (Exxon), to conduct quarterly ground water monitoring at Exxon Service Station No. 7-3399, located at 2991 Hopyard Road, Pleasanton, California. This letter report presents the results of quarterly ground water monitoring and sampling conducted for the fourth quarter 1996. The location of the site is shown in Figure 1 and site features are illustrated in Figure 2. All work conducted at the site by Delta was performed in accordance with the field methods and procedures described in Enclosure A.

## Ground Water Elevations, Flow Direction, and Hydraulic Gradient

On November 18, 1996, ground water elevations were measured in on-site monitoring wells MW-1, MW-4, MW-7, MW-8, MW-9, MW-10 and off-site monitoring wells MW-5D, MW-5S, and MW-11. Depth to ground water in the monitoring wells ranged from 38.40 (MW-1) to 40.90 (MW-10) feet below the top of the well casings excluding monitoring well MW-5D and MW-8 which are screened in lower water bearing zones. Ground water elevation levels decreased an average of 0.26 feet in the monitoring wells since the August 1996 event. Cumulative ground water elevation measurements recorded are presented in Table 1.

A water table contour map constructed from the ground water elevations recorded on November 18, 1996, is included as Figure 3. The water table contours illustrated in Figure 3 indicate that ground water in the upper water bearing zone flowed toward the northeast and southeast across the site. Based on the water table contour map, the estimated hydraulic gradient is less than 0.01. The ground water elevation measurements from monitoring wells MW-5D and MW-8 were not included in the contour map, because these wells are screened in a lower zone.

## Subjective Analysis

No liquid-phase petroleum hydrocarbons or hydrocarbon sheens were present in the wells during the November 1996, sampling visit.

## Ground Water Analytical Results

Ground water samples were collected from monitoring wells MW-1, MW-5S, MW-5D, MW-8 and MW-9 on November 18, 1996, and submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, total xylenes, and methyl tertiary butyl ether (MTBE) by EPA Method 8020, and total purgeable petroleum hydrocarbons (TPPH) as gasoline by DHS LUFT Method. Ground water samples are collected annually from monitoring wells MW-4 and MW-7. Monitoring wells MW-10 and MW-11 will continue to be excluded from quarterly sampling as these wells have continuously shown nondetectable concentrations. Cumulative analytical laboratory results are summarized in Table 2.

The analytical results reported that all hydrocarbon constituents in samples collected from the sampled monitoring wells were below the laboratory's limits of detection with the exception of the samples obtained from monitoring well MW-9. The analytical results reported the ground water sample from monitoring well MW-9 contained 2,000 micrograms per liter ($\mu$g/L) of benzene, which is an increase in concentration from 1.6 $\mu$g/L reported during the previous sampling event in August 1996. MTBE was not detected in any of the ground water samples above the laboratory's limits of detection. A copy of the laboratory analytical report for the November 18, 1996, sampling event is included in Enclosure B.

## Discussion

Concentrations of hydrocarbons in monitoring wells MW-8 and MW-5D, which are screened across lower water bearing zone were below the laboratory's limits of detection for all analytes. Monitoring of residual dissolved hydrocarbons in the deep monitoring well will continue, due to the proximity of the City of Pleasanton municipal wells northeast of the site. A work plan will be prepared to investigate the soil in the area of the former pump island. A sampling protocol for quarterly ground water sampling will also be included in the work plan.

## Future Work

The next quarterly monitoring event for this site is scheduled for February 1997.

## Remarks/Signatures

The interpretations contained in this document represent our professional opinions, and are based in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Delta recommends that copies of this report be forwarded to:

Mr. Sum Arigalia
California Regional Water Quality
Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Mr. Jerry Killingstad
Alameda County Flood Control and Water
Conservation District (Zone 7)
5997 Parkside Drive
Pleasanton, California 94566

Mr. Steve Cusenza
City of Pleasanton Public Works Dept.
Post Office Box 520
Pleasanton, California 94566

Mr. Scott Seery
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, California 94502-5577

If you have any questions, please contact Keoni Almeida at (916) 638-2085.

Sincerely,

**DELTA ENVIRONMENTAL CONSULTANTS, INC.**

J. William Speth
Staff Geologist

Charles Keoni Almeida
Project Manager

Owen M. Kittredge, R.G.
California Registered Geologist No. 5853

REGISTERED GEOLOGIST
OWEN M. KITTREDGE
NO. 5853
STATE OF CALIFORNIA

JWS (LRP003.836)
Enclosures

TABLE 1

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-1 | 04/06/88 | 321.44 | 36.34 | 285.10 | No LPH |
| | 04/08/88 | | 36.29 | 285.15 | No LPH |
| | 04/19/88 | | 36.36 | 285.08 | No LPH |
| | 06/06/88 | | 38.16 | 283.28 | No LPH |
| | 06/23/88 | | 38.71 | 282.73 | No LPH |
| | 06/28/88 | | 39.16 | 282.28 | No LPH |
| | 07/06/88 | | 39.73 | 281.71 | No LPH |
| | 07/13/88 | | 40.22 | 281.22 | No LPH |
| | 08/12/88 | | NM[b] | NM | No observation |
| | 08/26/88 | | 41.90 | 279.54 | No LPH |
| | 09/07/88 | | 42.27 | 279.17 | No LPH |
| | 12/07/88 | | 43.94 | 277.50 | No LPH |
| | 12/19/88 | | 43.70 | 277.74 | No LPH |
| | 02/09/89 | | 42.53 | 278.91 | No LPH |
| | 03/08/89 | | 41.96 | 279.48 | No LPH |
| | 04/03/89 | | 41.59 | 279.85 | No LPH |
| | 04/26/89 | | 41.67 | 279.77 | No LPH |
| | 06/30/89 | | 43.79 | 277.65 | No LPH |
| | 07/17/89 | | 44.74 | 276.70 | No LPH |
| | 07/18/89 | | 44.76 | 276.68 | No LPH |
| | 07/19/89 | | 44.82 | 276.62 | No LPH |
| | 07/20/89 | | 44.85 | 276.59 | No LPH |
| | 07/21/89 | | 44.95 | 276.49 | No LPH |
| | 07/26/89 | | 45.42 | 276.02 | No LPH |
| | 08/02/89 | | NM | NM | No observation |
| | 08/03/89 | | 46.18 | 275.26 | No LPH |
| | 08/17/89 | | 47.12 | 274.32 | No LPH |
| | 09/13/89 | | 49.08 | 272.36 | No LPH |
| | 11/28/89 | | 50.21 | 271.23 | No LPH |
| | 01/09/90 | | 49.31 | 272.13 | No LPH |
| | 01/26/90 | | 49.29 | 272.15 | No LPH |
| | 02/23/90 | | 49.02[c] | 272.42 | No LPH |
| | 02/23/90 | | 49.02 | 272.42 | No LPH |
| | 03/26/90 | | 48.71[c] | 272.73 | No LPH |
| | 03/26/90 | | 48.70 | 272.74 | No LPH |
| | 04/18/90 | | 48.79 | 272.65 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-1 | 05/17/90 | 321.44 | 49.40 | 272.04 | No LPH |
| (Cont.) | 06/11/90 | | 50.83 | 270.61 | No LPH |
| | 07/30/90 | | 52.17 | 269.27 | No LPH |
| | 08/27/90 | | 53.44 | 268.00 | No LPH |
| | 09/28/90 | | 53.40 | 268.04 | No LPH |
| | 12/27/90 | | NM | NM | No observation |
| | 03/20/91 | | 53.35 | 268.09 | No LPH |
| | 06/20/91 | | 53.55 | 267.89 | No LPH |
| | 09/12/91 | | NM | NM | No observation |
| | 12/30/91 | | NM | NM | No observation |
| | 01/30/92 | | NM | NM | No observation |
| | 03/02/92 | | NM | NM | No observation |
| | 03/24/92 | | NM | NM | No observation |
| | 04/14/92 | | NM | NM | No observation |
| | 05/21/92 | | NM | NM | No observation |
| | 06/08/92 | | NM | NM | No observation |
| | 07/14/92 | | NM | NM | No observation |
| | 08/10/92 | | NM | NM | No observation |
| | 09/16/92 | | NM | NM | No observation |
| | 10/07/92 | | NM | NM | No observation |
| | 11/09/92 | | DRY | DRY | No observation |
| | 12/10/92 | | NM | NM | No observation |
| | 01/26/93 | | NM | NM | No observation |
| | 02/16/93 | | NM | NM | No observation |
| | 03/11/93 | | 53.09 | 268.35 | No LPH |
| | 04/12/93 | | 53.32 | 268.12 | No LPH |
| | 06/01/93 | | 53.40 | 268.04 | No LPH |
| | 07/15/93 | | 59.80 | 261.64 | No LPH |
| | 08/15/93 | | 53.45 | 267.99 | No LPH |
| | 09/29/93 | | 53.43 | 268.01 | No LPH |
| | 10/28/93 | | 53.38 | 268.06 | No LPH |
| | 11/23/93 | | 53.46 | 267.98 | No LPH |
| | 11/16/94 | | 52.09 | 269.35 | No LPH |
| | 02/15/95 | | 49.41 | 272.03 | No LPH |

TABLE 1-Continued

## GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-1 | 05/09/95 | 321.44 | 39.97 | 281.47 | No LPH |
| (Cont.) | 08/21/95 | | 40.68 | 280.76 | No LPH |
| | 11/30/95 | | 38.99 | 282.45 | No LPH |
| | 03/28/96 | | 35.70 | 285.74 | No LPH |
| | 05/31/96 | | 34.17 | 287.27 | No LPH |
| | 08/28/96 | | 38.37 | 283.07 | No LPH |
| | 11/18/96 | | 38.40 | 283.04 | No LPH |
| MW-2 | 04/02/88 | NM | NM | NM | 0.25 |
| | 04/04/88 | | NM | NM | 1.50 |
| | 04/05/88 | | NM | NM | 1.50 |
| | 04/06/88 | | 39.31 | NM | 3.20 |
| | 04/08/88 | | NM | NM | No observation |
| | 04/19/88 | | 38.90 | NC[d] | 2.48 |
| | 06/06/88 | | 38.78 | NC | 0.26 |
| | 06/23/88 | | 39.23 | NC | 0.13 |
| | 06/28/88 | | 39.72 | NC | No observation |
| | 07/06/88 | | 40.31 | NC | Slight sheen |
| | 07/12/88 | | Well Destroyed | | |
| MW-3 | 04/06/88 | NM | 37.19 | NM | No LPH |
| | 04/08/88 | | 37.14 | NM | No LPH |
| | 04/19/88 | | 37.22 | NM | No LPH |
| | 06/06/88 | | 39.02 | NM | No LPH |
| | 06/23/88 | | 39.58 | NM | No LPH |
| | 06/28/88 | | 40.04 | NM | No LPH |
| | 07/06/88 | | 40.60 | NM | No LPH |
| | 07/13/88 | | 41.09 | NM | No LPH |
| | 08/12/88 | | NA | NM | No LPH |
| | 08/26/88 | | 42.77 | NM | No observation |
| | 08/29/88 | | Well Destroyed | | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-4 | 04/08/88 | 321.56 | 36.41 | 285.15 | No LPH |
| | 04/19/88 | | 36.51 | 285.05 | No LPH |
| | 06/06/88 | | 38.26 | 283.30 | No LPH |
| | 06/23/88 | | 38.83 | 282.73 | No LPH |
| | 06/28/88 | | 39.28 | 282.28 | No LPH |
| | 07/06/88 | | 39.85 | 281.71 | No LPH |
| | 07/13/88 | | 40.31 | 281.25 | No LPH |
| | 08/12/88 | | NM | NM | No observation |
| | 08/26/88 | | 42.01 | 279.55 | No LPH |
| | 09/07/88 | | NM | NM | No observation |
| | 12/07/88 | | NM | NM | No observation |
| | 12/19/88 | | 43.83 | 277.73 | No LPH |
| | 02/09/89 | | 42.67 | 278.89 | No LPH |
| | 03/08/89 | | 42.11 | 279.45 | No LPH |
| | 04/03/89 | | 41.73 | 279.83 | No LPH |
| | 04/26/89 | | 41.79 | 279.77 | No LPH |
| | 06/30/89 | | 43.88 | 277.68 | No LPH |
| | 07/17/89 | | 44.85 | 276.71 | No LPH |
| | 07/18/89 | | 44.88 | 276.68 | No LPH |
| | 07/19/89 | | 44.92 | 276.64 | No LPH |
| | 07/20/89 | | 44.98 | 276.58 | No LPH |
| | 07/21/89 | | 45.04 | 276.52 | No LPH |
| | 07/26/89 | | 45.50 | 276.06 | No LPH |
| | 08/02/89 | | NM | NM | No observation |
| | 08/03/89 | | 46.28 | 275.28 | No LPH |
| | 08/17/89 | | 47.22 | 274.34 | No LPH |
| | 09/13/89 | | 49.19 | 272.37 | No LPH |
| | 11/28/89 | | 50.34 | 271.22 | No LPH |
| | 01/09/90 | | 49.47 | 272.09 | No LPH |
| | 01/26/90 | | 49.36 | 272.20 | No LPH |
| | 02/23/90 | | 49.18[g] | 272.38 | No LPH |
| | 02/23/90 | | 49.15 | 272.41 | No LPH |
| | 03/26/90 | | 48.84[g] | 272.72 | No LPH |
| | 03/26/90 | | 48.83 | 272.73 | No LPH |
| | 04/18/90 | | 48.90 | 272.66 | No LPH |
| | 05/17/90 | | 50.03 | 271.53 | No LPH |
| | 06/11/90 | | 50.98 | 270.58 | No LPH |
| | 07/30/90 | | 53.57 | 267.99 | No LPH |
| | 08/27/90 | | 53.61 | 267.95 | No LPH |
| | 09/28/90 | | 53.57 | 267.99 | No LPH |
| | 12/27/90 | | 53.68 | 267.88 | No LPH |
| | 03/20/91 | | 53.56 | 268.00 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-4 | 06/20/91 | 321.56 | 53.75 | 267.81 | No LPH |
| (Cont.) | 09/12/91 | | 53.70 | 267.86 | No LPH |
| | 12/30/91 | | DRY | DRY | No observation |
| | 01/30/92 | | DRY | DRY | No observation |
| | 03/02/92 | | 53.83 | 267.73 | No LPH |
| | 03/24/92 | | 53.73 | 267.83 | No LPH |
| | 04/14/92 | | 53.76 | 267.80 | No LPH |
| | 05/21/92 | | 54.73 | 266.83 | No LPH |
| | 06/08/92 | | 53.80 | 267.76 | No LPH |
| | 07/14/92 | | 53.60 | 267.96 | No LPH |
| | 08/10/92 | | 53.71 | 267.85 | No LPH |
| | 09/16/92 | | 53.89 | 267.67 | No LPH |
| | 10/07/92 | | DRY | DRY | No observation |
| | 11/09/92 | | DRY | DRY | No observation |
| | 12/10/92 | | 53.83 | 267.73 | No LPH |
| | 01/26/93 | | DRY | DRY | No observation |
| | 02/16/93 | | 53.64 | 267.92 | No LPH |
| | 03/11/93 | | 53.54 | 268.02 | No LPH |
| | 04/12/93 | | 53.62 | 267.94 | No LPH |
| | 06/01/93 | | 53.52 | 268.04 | No LPH |
| | 07/15/93 | | 53.80 | 267.76 | No LPH |
| | 08/15/93 | | 53.65 | 267.91 | No LPH |
| | 09/29/93 | | 54.23 | 267.33 | No LPH |
| | 10/28/93 | | 53.54 | 268.25 | No LPH |
| | 11/23/93 | | 53.57 | 268.22 | No LPH |
| | 11/16/94 | | 52.96 | 268.60 | No LPH |
| | 02/15/95 | | 50.37 | 271.19 | No LPH |
| | 05/09/95 | | 44.86 | 276.70 | No LPH |
| | 08/21/95 | | 41.71 | 279.85 | No LPH |
| | 11/30/95 | | 39.95 | 281.61 | No LPH |
| | 03/28/96 | | 36.76 | 284.80 | No LPH |
| | 05/31/96 | | 35.19 | 286.37 | No LPH |
| | 08/28/96 | | 39.39 | 282.17 | No LPH |
| | 11/18/96 | | 39.42 | 282.14 | No LPH |

TABLE 1-Continued

## GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-5S | 05/25/88 | 321.64 | 38.46 | 283.18 | No LPH |
| | 06/06/88 | | 38.86 | 282.78 | No LPH |
| | 06/23/88 | | 39.52 | 282.12 | No LPH |
| | 06/28/88 | | 39.84 | 281.80 | No LPH |
| | 07/06/88 | | 40.45 | 281.19 | No LPH |
| | 07/13/88 | | 40.90 | 280.74 | No LPH |
| | 07/22/88 | | 41.30 | 280.34 | No LPH |
| | 08/05/88 | | 23.84[e] | 297.80 | No LPH |
| | 08/12/88 | | 42.21 | 279.43 | No LPH |
| | 08/26/88 | | 42.55 | 279.09 | No LPH |
| | 09/07/88 | | 42.94 | 278.70 | No LPH |
| | 12/07/88 | | 44.67 | 276.97 | No LPH |
| | 02/09/89 | | 43.19 | 278.45 | No LPH |
| | 03/08/89[f] | | 42.11 | 279.53 | No LPH |
| | 04/26/89 | | 41.84 | 279.80 | No LPH |
| | 06/30/89 | | 43.95 | 277.69 | No LPH |
| | 07/17/89 | | 44.91 | 276.73 | No LPH |
| | 07/18/89 | | 44.93 | 276.71 | No LPH |
| | 07/19/89 | | 44.98 | 276.66 | No LPH |
| | 07/20/89 | | 45.02 | 276.62 | No LPH |
| | 07/21/89 | | 45.10 | 276.54 | No LPH |
| | 07/26/89 | | 45.57 | 276.07 | No LPH |
| | 08/02/89 | | NM | NM | No observation |
| | 08/03/89 | | 46.31 | 275.33 | No LPH |
| | 08/17/89 | | 47.25 | 274.39 | No LPH |
| | 09/13/89 | | 49.22 | 272.42 | No LPH |
| | 11/28/89 | | 50.39 | 271.25 | No LPH |
| | 01/09/90 | | 49.51 | 272.13 | No LPH |
| | 01/26/90 | | 49.40 | 272.24 | No LPH |
| | 02/23/90 | | 49.20[e] | 272.44 | No LPH |
| | 02/23/90 | | 49.20 | 272.44 | No LPH |
| | 03/26/90 | | 48.89[e] | 272.75 | No LPH |
| | 03/26/90 | | 48.88 | 272.76 | No LPH |
| | 04/18/90 | | 48.95 | 272.69 | No LPH |
| | 05/17/90 | | 50.06 | 271.58 | No LPH |
| | 06/11/90 | | 50.98 | 270.66 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-5S (Cont.) | 07/30/90 | 321.64 | 53.40 | 268.24 | No LPH |
| | 08/27/90 | | 53.60 | 268.04 | No LPH |
| | 09/28/90 | | 53.55 | 268.09 | No LPH |
| | 12/27/90 | | 53.61 | 268.03 | No LPH |
| | 03/20/91 | | 53.56 | 268.08 | No LPH |
| | 06/20/91 | | 53.73 | 267.91 | No LPH |
| | 09/12/91 | | 53.78 | 267.86 | No LPH |
| | 12/30/91 | | 53.80 | 267.84 | No LPH |
| | 01/30/92 | | 53.82 | 267.82 | No LPH |
| | 03/02/92 | | 53.82 | 267.82 | No LPH |
| | 04/14/92 | | 53.74 | 267.90 | No LPH |
| | 05/21/92 | | 53.77 | 267.87 | No LPH |
| | 06/08/92 | | 53.81 | 267.83 | No LPH |
| | 07/14/92 | | 53.74 | 267.90 | No LPH |
| | 08/10/92 | | 53.78 | 267.86 | No LPH |
| | 09/16/92 | | 53.90 | 267.74 | No LPH |
| | 10/07/92 | | DRY | DRY | No observation |
| | 11/09/92 | | 53.87 | 267.77 | No LPH |
| | 12/10/92 | | 53.78 | 267.86 | No LPH |
| | 01/26/93 | | 53.38 | 268.26 | No LPH |
| | 02/16/93 | | 53.44 | 268.20 | No LPH |
| | 03/11/93 | | 53.28 | 268.36 | No LPH |
| | 04/12/93 | | 53.42 | 268.22 | No LPH |
| | 06/01/93 | | 53.56 | 268.08 | No LPH |
| | 07/15/93 | | 53.00 | 268.64 | No LPH |
| | 08/15/93 | | 53.60 | 268.04 | No LPH |
| | 09/29/93 | | 53.62 | 268.02 | No LPH |
| | 10/28/93 | | 54.62 | 267.02 | No LPH |
| | 11/23/93 | | 53.62 | 268.02 | No LPH |
| | 11/16/94 | | 53.05 | 268.59 | No LPH |
| | 02/15/95 | | 50.55 | 271.09 | No LPH |
| | 05/09/95 | | 44.96 | 276.68 | No LPH |
| | 08/21/95 | | 41.77 | 279.87 | No LPH |
| | 11/30/95 | | 39.95 | 281.69 | No LPH |
| | 03/28/96 | | 36.80 | 284.84 | No LPH |
| | 05/31/96 | | 35.28 | 286.36 | No LPH |
| | 08/28/96 | | 39.46 | 282.18 | No LPH |
| | 11/18/96 | | 39.47 | 282.17 | No LPH |

TABLE 1-Continued

## GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-5D | 05/25/88 | 321.79 | 38.55 | 283.24 | No LPH |
| | 06/06/88 | | 38.90 | 282.89 | No LPH |
| | 06/23/88 | | 39.56 | 282.23 | No LPH |
| | 06/28/88 | | 40.23 | 281.56 | No LPH |
| | 07/06/88 | | 40.69 | 281.10 | No LPH |
| | 07/13/88 | | 41.22 | 280.57 | No LPH |
| | 08/12/88 | | 42.34 | 279.45 | No LPH |
| | 08/26/88 | | 42.60 | 279.19 | No LPH |
| | 09/07/88 | | 42.99 | 278.80 | No LPH |
| | 12/07/88 | | 44.58 | 277.21 | No LPH |
| | 02/09/89[f] | | NM | NM | No observation |
| | 03/08/89[g] | | NM | NM | No observation |
| | 03/08/93 | | 42.49 | 279.30 | No LPH |
| | 04/03/89 | | 42.21 | 279.58 | No LPH |
| | 04/26/89 | | 42.36 | 279.43 | No LPH |
| | 06/30/89 | | 44.79 | 277.00 | No LPH |
| | 07/17/89 | | 45.73 | 276.06 | No LPH |
| | 07/18/89 | | 45.75 | 276.04 | No LPH |
| | 07/19/89 | | 44.89 | 276.90 | No LPH |
| | 07/20/89 | | 46.02 | 275.77 | No LPH |
| | 07/21/89 | | 46.18 | 275.61 | No LPH |
| | 07/26/89 | | 46.83 | 274.96 | No LPH |
| | 08/02/89 | | NA | NA | No observation |
| | 08/03/89 | | 47.67 | 274.12 | No LPH |
| | 08/17/89 | | 48.27 | 273.52 | No LPH |
| | 09/13/89 | | 50.60 | 271.19 | No LPH |
| | 11/28/89 | | 51.16 | 270.63 | No LPH |
| | 01/09/90 | | 50.42 | 271.37 | No LPH |
| | 01/26/90 | | 50.10 | 271.69 | No LPH |
| | 02/23/90 | | 50.08 | 271.71 | No LPH |
| | 03/26/90 | | 49.80[e] | 271.99 | No LPH |
| | 03/26/90 | | 49.77 | 272.02 | No LPH |
| | 04/18/90 | | 49.80 | 271.99 | No LPH |
| | 05/17/90 | | 51.32 | 270.47 | No LPH |
| | 06/11/90 | | 52.10 | 269.69 | No LPH |
| | 07/30/90 | | 53.47 | 268.32 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-5D (Cont.) | 08/27/90 | 321.79 | 58.24 | 263.55 | No LPH |
| | 09/29/90 | | 60.70 | 261.09 | No LPH |
| | 12/27/90 | | 62.52 | 259.27 | No LPH |
| | 03/20/91 | | 59.18 | 262.61 | No LPH |
| | 06/20/91 | | 65.02 | 256.77 | No LPH |
| | 09/12/91 | | DRY | DRY | No observation |
| | 12/30/91 | | DRY | DRY | No observation |
| | 01/30/92 | | DRY | DRY | No observation |
| | 03/02/92 | | DRY | DRY | No observation |
| | 03/24/92 | | 74.98 | 246.81 | No LPH |
| | 04/14/92 | | 74.42 | 247.37 | No LPH |
| | 05/21/92 | | 75.67 | 246.12 | No LPH |
| | 06/08/92 | | DRY | DRY | No observation |
| | 07/14/92 | | DRY | DRY | No observation |
| | 08/10/92 | | DRY | DRY | No observation |
| | 09/16/92 | | DRY | DRY | No observation |
| | 10/07/92 | | DRY | DRY | No observation |
| | 11/09/92 | | DRY | DRY | No observation |
| | 12/10/92 | | DRY | DRY | No observation |
| | 01/26/93 | | DRY | DRY | No observation |
| | 02/16/93 | | 76.47 | 245.32 | No LPH |
| | 03/11/93 | | 74.03 | 247.76 | No LPH |
| | 04/12/93 | | 70.96 | 250.83 | No LPH |
| | 06/01/93 | | 67.64 | 254.15 | No LPH |
| | 07/15/93 | | 54.40 | 267.39 | No LPH |
| | 08/15/93 | | 67.85 | 253.94 | No LPH |
| | 09/29/93 | | 67.62 | 254.17 | No LPH |
| | 10/28/93 | | 66.15 | 255.49 | No LPH |
| | 11/23/93 | | 64.80 | 256.84 | No LPH |
| | 11/16/94 | | 54.36 | 268.74 | No LPH |
| | 02/15/95 | | 51.20 | 270.59 | No LPH |
| | 05/09/95 | | 45.49 | 276.30 | No LPH |
| | 08/21/95 | | 42.35 | 279.44 | No LPH |
| | 11/30/95 | | 43.60 | 278.19 | No LPH |
| | 03/28/96 | | 37.12 | 284.67 | No LPH |
| | 05/31/96 | | 35.67 | 286.12 | No LPH |
| | 08/28/96 | | 40.22 | 281.57 | No LPH |
| | 11/18/96 | | 39.89 | 281.90 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-6 | 05/11/88 | NM | 37.31 | NM | No LPH |
| | 06/06/88 | | 38.70 | NM | No LPH |
| | 06/23/88 | | 39.23 | NM | No LPH |
| | 06/28/88 | | 39.74 | NM | No LPH |
| | 07/13/88 | | 40.78 | NM | No LPH |
| | 08/05/88 | | 41.72 | NM | No LPH |
| | 08/12/88 | | 42.14 | NM | No LPH |
| | 08/17/88 | | NM | NM | No observation |
| | 08/26/88 | | 42.51 | NM | No LPH |
| | 09/07/88 | | 42.85 | NM | No LPH |
| | 10/24/88 | | Well Destroyed | | |
| MW-7 | 07/13/88 | 321.27 | 40.50 | 280.77 | No LPH |
| | 07/22/88 | | 41.85[c] | 279.42 | No LPH |
| | 08/05/88 | | 41.45[c] | 279.82 | No LPH |
| | 08/12/88 | | 42.69 | 278.58 | No observation |
| | 09/07/88 | | 42.60 | 278.67 | No observation |
| | 12/07/88 | | NM | NM | No observation |
| | 01/17/89 | | 43.20 | 278.07 | No observation |
| | 02/09/89 | | NM | NM | No observation |
| | 10/12/89 | | 49.93 | 271.34 | No LPH |
| | 11/28/89 | | 57.61[c] | 263.66 | No LPH |
| | 01/09/90 | | 57.57[c] | 263.70 | No LPH |
| | 01/26/90 | | 57.54[c] | 263.73 | No LPH |
| | 01/26/90 | | 49.08 | 272.19 | No LPH |
| | 02/23/90 | | 55.26[c] | 266.01 | No LPH |
| | 02/23/90 | | 48.93 | 272.34 | No LPH |
| | 03/26/90 | | 57.52[c] | 263.75 | No LPH |
| | 03/26/90 | | 48.60 | 272.67 | No LPH |
| | 04/18/90 | | 57.55[c] | 263.72 | No LPH |
| | 05/17/90 | | 57.40[c] | 263.87 | No LPH |
| | 06/11/90 | | 50.68 | 270.59 | No LPH |
| | 07/30/90 | | NM | NM | No observation |
| | 08/27/90 | | 53.05 | 268.22 | No LPH |
| | 09/28/90 | | NM | NM | No observation |
| | 12/27/90 | | NM | NM | No observation |
| | 03/20/91 | | 54.11 | 267.16 | No LPH |
| | 06/20/91 | | 55.14 | 266.13 | No LPH |
| | 09/12/91 | | 55.84 | 265.43 | No LPH |
| | 12/30/91 | | 55.21 | 266.06 | No LPH |
| | 01/30/92 | | 54.88 | 266.39 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-7 | 03/02/92 | 321.27 | NM | NM | No observation |
| (Cont.) | 03/24/92 | | NM | NM | No observation |
| | 04/14/92 | | NM | NM | No observation |
| | 05/21/92 | | 53.36 | 267.91 | No LPH |
| | 06/08/92 | | 54.20 | 267.07 | No LPH |
| | 07/14/92 | | 53.31 | 267.96 | No LPH |
| | 08/10/92 | | 54.01 | 267.26 | No LPH |
| | 09/16/92 | | 55.97 | 265.30 | No LPH |
| | 10/07/92 | | 56.09 | 265.18 | No LPH |
| | 11/09/92 | | 54.16 | 267.11 | No LPH |
| | 12/10/92 | | 56.02 | 265.25 | No LPH |
| | 01/26/93 | | 56.15 | 265.12 | No LPH |
| | 02/16/93 | | 56.23 | 265.04 | No LPH |
| | 03/11/93 | | 55.82 | 265.45 | No LPH |
| | 04/12/93 | | 55.45 | 265.82 | No LPH |
| | 06/01/93 | | 54.90 | 266.37 | No LPH |
| | 07/15/93 | | 54.50 | 266.77 | No LPH |
| | 08/15/93 | | 54.25 | 267.02 | No LPH |
| | 09/29/93 | | 54.55 | 266.72 | No LPH |
| | 10/28/93 | | 54.94 | 266.92 | No LPH |
| | 11/23/93 | | 54.73 | 267.13 | No LPH |
| | 11/16/94 | | 52.74 | 268.53 | No LPH |
| | 02/15/95 | | 50.05 | 271.22 | No LPH |
| | 05/09/95 | | 44.61 | 276.66 | No LPH |
| | 08/21/95 | | 41.40 | 279.87 | No LPH |
| | 11/30/95 | | 39.64 | 281.63 | No LPH |
| | 03/28/96 | | 36.42 | 284.85 | No LPH |
| | 05/31/96 | | 34.87 | 286.40 | No LPH |
| | 08/28/96 | | 39.11 | 282.16 | No LPH |
| | 11/18/96 | | 39.10 | 282.17 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-8 | 10/01/89 | 321.86 | 53.88 | 267.98 | No LPH |
| | 11/28/89 | | 53.74 | 268.12 | No LPH |
| | 01/09/90 | | 57.90 | 263.96 | No LPH |
| | 01/26/90 | | 53.57 | 268.29 | No LPH |
| | 02/23/90 | | 52.16 | 269.70 | No LPH |
| | 03/26/90 | | 52.80[c] | 269.06 | No LPH |
| | 04/18/90 | | 51.60 | 270.26 | No LPH |
| | 05/17/90 | | 58.21 | 263.65 | No LPH |
| | 06/11/90 | | 58.65 | 263.21 | No LPH |
| | 07/30/90 | | 64.33 | 257.53 | No LPH |
| | 08/27/90 | | 70.41 | 251.45 | No LPH |
| | 09/28/90 | | 71.93 | 249.93 | No LPH |
| | 12/27/90 | | 66.60 | 255.26 | No LPH |
| | 03/20/91 | | 60.75 | 261.11 | No LPH |
| | 06/20/91 | | 88.77 | 233.09 | No LPH |
| | 09/12/91 | | 103.17 | 218.69 | No LPH |
| | 12/30/91 | | 81.15 | 240.71 | No LPH |
| | 01/30/92 | | 81.69 | 240.17 | No LPH |
| | 03/02/92 | | 78.45 | 243.41 | No LPH |
| | 03/24/92 | | 76.55 | 245.31 | No LPH |
| | 04/14/92 | | 75.56 | 246.30 | No LPH |
| | 05/21/92 | | 86.99 | 234.87 | No LPH |
| | 06/08/92 | | 91.69 | 230.17 | No LPH |
| | 07/14/92 | | 94.65 | 227.21 | No LPH |
| | 08/10/92 | | 95.02 | 226.84 | No LPH |
| | 09/16/92 | | 91.90 | 229.96 | No LPH |
| | 10/07/92 | | DRY | DRY | No observation |
| | 11/09/92 | | 84.35 | 237.51 | No LPH |
| | 12/10/92 | | 82.20 | 239.66 | No LPH |
| | 01/26/93 | | 78.63 | 243.23 | No LPH |
| | 02/16/93 | | 76.90 | 244.96 | No LPH |
| | 03/11/93 | | 74.39 | 247.47 | No LPH |
| | 04/12/93 | | 71.20 | 250.66 | No LPH |
| | 06/01/93 | | 68.04 | 253.82 | No LPH |
| | 07/15/93 | | 78.05 | 243.81 | No LPH |
| | 08/15/93 | | 78.45 | 243.41 | No LPH |
| | 09/29/93 | | 73.64 | 248.22 | No LPH |
| | 10/28/93 | | 67.53 | 253.91 | No LPH |
| | 11/23/93 | | 64.68 | 256.76 | No LPH |
| | 11/16/94 | | 55.47 | 266.39 | No LPH |
| | 02/15/95 | | 52.00 | 269.86 | No LPH |
| | 05/09/95 | | 46.60 | 275.26 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-8 | 08/21/95 | 321.86 | 43.86 | 278.00 | No LPH |
| (Cont.) | 11/30/95 | | 41.25 | 280.61 | No LPH |
| | 03/28/96 | | 37.71 | 284.15 | No LPH |
| | 05/31/96 | | 36.71 | 285.15 | No LPH |
| | 08/28/96 | | 42.80 | 279.06 | No LPH |
| | 11/18/96 | | 40.78 | 281.08 | |
| MW-9 | 10/12/89 | 321.44 | 50.24 | 271.20 | No LPH |
| | 11/28/89 | | 50.59 | 270.85 | 0.1 |
| | 12/01/89 | | 50.32 | 271.12 | 0.02 |
| | 12/07/89 | | 50.13 | 271.31 | 0.16 |
| | 12/13/89 | | 49.91 | 271.53 | Slight Sheen |
| | 12/20/89 | | 49.78 | 271.66 | Slight Sheen |
| | 01/02/80 | | NM | NM | No observation |
| | 01/09/90 | | 49.39 | 272.05 | Slight Sheen |
| | 01/26/90 | | 49.30 | 272.14 | No LPH |
| | 02/23/90 | | 49.06[c] | 272.38 | No LPH |
| | 02/23/90 | | 49.05 | 272.39 | No LPH |
| | 03/26/90 | | 48.75[c] | 272.69 | No LPH |
| | 03/26/90 | | 48.73 | 272.71 | Slight sheen |
| | 04/18/90 | | 48.81 | 272.63 | No LPH |
| | 05/17/90 | | 49.96 | 271.48 | No LPH |
| | 06/11/90 | | 51.58 | 269.86 | No LPH |
| | 07/30/90 | | DRY | DRY | No observation |
| | 08/27/90 | | DRY | DRY | No observation |
| | 09/28/90 | | DRY | DRY | No observation |
| | 12/27/90 | | NA | NA | No observation |
| | 03/20/91 | | DRY | DRY | No observation |
| | 06/20/91 | | 49.63 | 271.81 | No LPH |
| | 09/12/91 | | NM | NM | No Observation |
| | 12/30/91 | | NM | NM | No observation |
| | 01/30/92 | | NM | NM | No observation |
| | 03/02/92 | | NM | NM | No observation |
| | 03/24/92 | | NM | NM | No observation |
| | 04/14/92 | | NM | NM | No observation |
| | 05/21/92 | | NM | NM | No observation |
| | 06/08/92 | | NM | NM | No observation |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-9 | 07/14/92 | 321.44 | NM | NM | No observation |
| (Cont.) | 08/10/92 | | NM | NM | No observation |
| | 09/16/92 | | NM | NM | No observation |
| | 10/07/92 | | DRY | DRY | No observation |
| | 11/09/92 | | DRY | DRY | No observation |
| | 12/10/92 | | NM | NM | No observation |
| | 01/26/93 | | DRY | DRY | No Observation |
| | 02/16/93 | | DRY | DRY | No observation |
| | 03/11/93 | | DRY | DRY | No observation |
| | 04/12/93 | | DRY | DRY | No observation |
| | 06/01/93 | | DRY | DRY | No observation |
| | 07/15/93 | | DRY | DRY | No observation |
| | 08/15/93 | | DRY | DRY | No observation |
| | 09/29/93 | | DRY | DRY | No observation |
| | 10/28/93 | | DRY | DRY | No observation |
| | 11/23/93 | | DRY | DRY | No observation |
| | 11/16/94 | | 52.62 | 268.82 | No LPH |
| | 02/15/95 | | 49.76 | 271.68 | No LPH |
| | 05/09/95 | | 44.30 | 277.14 | No LPH |
| | 08/21/95 | | 41.11 | 280.33 | No LPH |
| | 11/30/95 | | 39.40 | 282.04 | No LPH |
| | 03/28/96 | | 36.13 | 285.31 | No LPH |
| | 05/31/96 | | 34.56 | 286.88 | No LPH |
| | 08/28/96 | | 38.80 | 282.64 | No LPH |
| | 11/18/96 | | 38.74 | 282.70 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-10 | 10/12/89 | 322.99 | 51.93 | 271.06 | No LPH |
| | 11/28/89 | | 51.88 | 271.11 | No LPH |
| | 12/20/89 | | 51.47 | 271.52 | No LPH |
| | 01/09/90 | | 50.98 | 272.01 | No LPH |
| | 01/26/90 | | 50.87 | 272.12 | No LPH |
| | 02/23/90 | | 50.67[c] | 272.32 | No LPH |
| | 02/23/90 | | 50.65 | 272.34 | No LPH |
| | 03/26/90 | | 50.36[c] | 272.63 | No LPH |
| | 03/26/90 | | 50.35 | 272.64 | No LPH |
| | 04/18/90 | | 50.45 | 272.54 | No LPH |
| | 06/11/90 | | 51.16 | 271.83 | No LPH |
| | 07/30/90 | | 55.72 | 267.27 | No LPH |
| | 08/27/90 | | 57.75 | 265.24 | No LPH |
| | 09/28/90 | | NM | NM | No observation |
| | 12/27/90 | | 58.08 | 264.91 | No LPH |
| | 03/20/91 | | 57.80 | 265.19 | No LPH |
| | 06/20/91 | | 58.00 | 264.99 | No LPH |
| | 09/12/91 | | DRY | DRY | No observation |
| | 12/30/91 | | NM | NM | No observation |
| | 01/30/92 | | DRY | DRY | No observation |
| | 03/02/92 | | DRY | DRY | No observation |
| | 03/24/92 | | 58.53 | 264.46 | No LPH |
| | 04/14/92 | | DRY | DRY | No observation |
| | 05/21/92 | | DRY | DRY | No observation |
| | 06/08/92 | | DRY | DRY | No observation |
| | 07/14/92 | | DRY | DRY | No observation |
| | 08/10/92 | | DRY | DRY | No observation |
| | 09/16/92 | | DRY | DRY | No observation |
| | 10/07/92 | | DRY | DRY | No observation |
| | 11/09/92 | | DRY | DRY | No observation |
| | 12/10/92 | | DRY | DRY | No observation |
| | 01/26/93 | | DRY | DRY | No observation |
| | 02/16/93 | | 58.23 | 264.76 | No LPH |
| | 03/11/93 | | 57.81 | 265.18 | No LPH |
| | 04/12/93 | | 57.84 | 265.15 | No LPH |
| | 06/01/93 | | 57.88 | DRY | No observation |
| | 07/15/93 | | DRY | DRY | No observation |
| | 08/15/93 | | DRY | DRY | No observation |
| | 09/29/93 | | DRY | DRY | No observation |
| | 10/28/93 | | DRY | DRY | No observation |
| | 11/23/93 | | DRY | DRY | No observation |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-10 | 11/16/94 | 322.99 | 54.82 | 268.17 | No LPH |
| (Cont.) | 02/15/95 | | 51.90 | 271.09 | No LPH |
| | 05/09/95 | | 46.32 | 276.67 | No LPH |
| | 08/21/95 | | 43.06 | 279.93 | No LPH |
| | 11/30/95 | | 41.34 | 281.65 | No LPH |
| | 03/28/96 | | 38.15 | 284.84 | No LPH |
| | 05/31/96 | | 36.61 | 286.38 | No LPH |
| | 08/28/96 | | 40.86 | 282.13 | No LPH |
| | 11/18/96 | | 40.90 | 282.09 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-11 | 11/10/89 | 321.77 | 50.64 | 272.13 | No LPH |
| | 11/28/89 | | 50.51 | 272.26 | No LPH |
| | 12/20/89 | | 51.47 | 271.30 | No LPH |
| | 01/09/90 | | 49.68 | 273.09 | No LPH |
| | 01/26/90 | | 49.55 | 273.22 | No LPH |
| | 02/23/90 | | 49.37[c] | 273.40 | No LPH |
| | 02/23/90 | | 49.35 | 273.42 | No LPH |
| | 03/26/90 | | 49.03[c] | 273.74 | No LPH |
| | 04/18/90 | | 49.12 | 273.65 | No LPH |
| | 05/17/90 | | 50.30 | 272.47 | No LPH |
| | 06/11/90 | | 51.16 | 271.61 | No LPH |
| | 07/30/90 | | 53.50 | 269.27 | No LPH |
| | 08/27/90 | | 53.65 | 269.12 | No LPH |
| | 09/28/90 | | 53.62 | 269.15 | No LPH |
| | 12/27/90 | | 53.63 | 269.14 | No LPH |
| | 03/20/91 | | 53.26 | 269.51 | No LPH |
| | 06/20/91 | | 53.60 | 269.17 | No LPH |
| | 09/12/91 | | 53.60 | 269.17 | No LPH |
| | 12/30/91 | | 53.95 | 268.82 | No LPH |
| | 01/30/92 | | 53.65 | 269.12 | No LPH |
| | 03/02/92 | | 53.68 | 269.09 | No LPH |
| | 03/24/92 | | 53.70 | 269.07 | No LPH |
| | 04/14/92 | | 53.66 | 269.11 | No LPH |
| | 05/21/92 | | 53.62 | 269.15 | No LPH |
| | 06/08/92 | | 53.61 | 269.16 | No LPH |
| | 07/14/92 | | 53.53 | 269.24 | No LPH |
| | 08/10/92 | | 53.58 | 269.19 | No LPH |
| | 09/16/92 | | 53.60 | 269.17 | No LPH |
| | 10/07/92 | | DRY | DRY | No observation |
| | 11/09/92 | | DRY | DRY | No observation |
| | 12/10/92 | | 53.59 | 269.18 | No LPH |
| | 01/26/93 | | 53.67 | 269.10 | No LPH |
| | 02/16/93 | | 53.60 | 269.17 | No LPH |
| | 03/11/93 | | 53.58 | 269.19 | No LPH |

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Top of Riser Elevation (ft)[a] | Depth to Water (ft) | Ground Water Elevation (ft) | Liquid-Phase Hydrocarbon Thickness (feet) |
|---|---|---|---|---|---|
| MW-11 | 04/12/93 | 321.77 | 53.54 | 269.23 | No LPH |
| **(Cont.)** | 06/01/93 | | 53.52 | 269.25 | No LPH |
| | 07/15/93 | | 53.60 | 269.17 | No LPH |
| | 08/15/93 | | 53.55 | 269.22 | No LPH |
| | 09/29/93 | | 53.62 | 269.15 | No LPH |
| | 10/28/93 | | 53.63 | 269.14 | No LPH |
| | 11/23/93 | | 53.58 | 269.19 | No LPH |
| | 11/16/94 | | 53.46 | 268.31 | No LPH |
| | 02/15/95 | | 50.57 | 271.20 | No LPH |
| | 05/09/95 | | 45.05 | 276.72 | No LPH |
| | 08/21/95 | | 41.88 | 279.89 | No LPH |
| | 11/30/95 | | 40.04 | 281.73 | No LPH |
| | 03/28/96 | | 36.90 | 284.87 | No LPH |
| | 05/31/96 | | 35.34 | 286.43 | No LPH |
| | 08/28/96 | | 39.56 | 282.21 | No LPH |
| | 11/18/96 | | 39.56 | 282.21 | No LPH |

[a] The tops of well risers surveyed relative to mean sea level.
[b] Not measured.
[c] Water level recorded during pumping of MW-7.
[d] Not calculated due to liquid phase hydrocarbons present.
[e] Anomalous water level possibly due to recharge from a perched water zone.
[f] Casing head cut to lower elevation.
[g] Casing head damaged by construction.

NOTE: Well measurements and observations between April 6, 1988 and November 23, 1994, were recorded by RESNA, Inc.

TABLE 2

GROUND WATER ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | TPH[a] as gasoline Xylenes | | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-1 | 04/02/88 | <0.5 | 1.7 | <0.5 | <0.5 | <20 | NA[c] |
| | 07/06/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/13/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 09/07/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 03/03/89 | 1.6 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 06/30/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/17/89 | <0.5 | <0.5 | <0.5 | <0.5 | 23 | NA |
| | 07/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/26/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/02/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 09/13/89 | 39 | 0.6 | <0.5 | 5.1 | 220 | NA |
| | 12/20/89 | 56 | 0.72 | <0.5 | 0.71 | 220 | NA |
| | 01/25/90 | 18 | 1.6 | <0.5 | 1.8 | 57 | NA |
| | 02/27/90 | 3.2 | 2.3 | <0.5 | 3.2 | 55 | NA |
| | 03/26/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 04/18/90 | 1.1 | 1.6 | <0.5 | 3.1 | 25 | NA |
| | 05/17/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 06/11/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/30/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/27/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 09/28/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 12/10/92 | Not Accessible | | | | | |
| | 02/16/93 | Not Accessible | | | | | |
| | 04/12/93 | Not Accessible | | | | | |
| | 09/30/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/24/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/16/94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 02/15/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 05/09/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | <0.5 | 0.83 | <0.5 | <0.5 | <50 | <2.5 |
| | 11/30/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | 52 | <5.0 |
| | 08/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 11/18/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| MW-2 | 07/06/88 | 25,700 | 18,500 | 2,900 | 21,400 | 62,000 | NA |
| | 07/12/88 | Well Destroyed | | | | | |
| MW-3 | 04/06/88 | <0.5 | <0.5 | <0.5 | <0.5 | 20 | NA |
| | 07/06/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/13/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/26/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/29/88 | Well Destroyed | | | | | |

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | TPH[a] as gasoline Xylenes | | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-4 | 04/11/88 | 1.8 | 16.3 | 0.6 | 7.1 | 80 | NA |
| | 07/06/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/13/88 | <0.5 | 0.9 | <0.5 | <0.5 | <20 | NA |
| | 03/08/89 | 3.8 | 1.0 | <0.5 | <0.5 | 440 | NA |
| | 06/30/89 | <0.5 | <0.5 | <0.5 | <0.5 | 100 | NA |
| | 07/17/89 | <0.5 | <0.5 | <0.5 | <0.5 | 390 | NA |
| | 07/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | 200 | NA |
| | 07/26/89 | <0.5 | <0.5 | <0.5 | <0.5 | 66 | NA |
| | 08/02/89 | NA | NA | NA | NA | NA | NA |
| | 09/13/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 12/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 03/26/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/01/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 12/27/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 03/20/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 03/24/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 12/10/92 | | | Not Accessible | | | |
| | 02/16/93 | 57 | 34 | 11 | 200 | 600 | NA |
| | 04/12/93 | 20 | 10 | 22 | 80 | 360 | NA |
| | 09/30/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/24/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/16/94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 02/15/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 05/09/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 2.6 |
| | 11/30/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 08/28/96 | NS | NS | NS | NS | NS | NS |
| | 11/18/96 | NS | NS | NS | NS | NS | NS |

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | TPH[a] as gasoline Xylenes | | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-5S | 05/25/88 | <0.5 | 0.9 | <0.5 | <0.5 | <20 | NA |
| | 07/06/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/13/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/22/88 | 0.9 | 4.1 | 1.3 | 8.7 | 50 | NA |
| | 08/05/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 09/07/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 03/08/89 | <0.5 | <0.5 | <0.5 | <1.0 | <20 | NA |
| | 06/30/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/17/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/26/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/02/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 09/13/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 12/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 03/26/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/01/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 12/27/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 12/10/92 | NS[d] | NS | NS | NS | NS | NS |
| | 02/16/93 | NS | NS | NS | NS | NS | NS |
| | 04/12/93 | 11 | 5.9 | 13 | 48 | 220 | NA |
| | 09/30/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/24/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/16/94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 02/15/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 05/09/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <2.5 |
| | 11/30/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 08/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 11/18/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |

TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | TPH[a] as gasoline Xylenes | | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-5D | 05/25/88 | <0.5 | 3.1 | <0.5 | <0.5 | <20 | NA |
| | 07/06/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/13/88 | <0.5 | <0.5 | <0.5 | <0.5 | 40 | NA |
| | 03/08/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 06/30/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/17/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 07/26/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/02/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 09/13/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 12/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 03/26/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/01/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 12/27/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 03/20/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 06/20/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 12/10/92 | NS | NS | NS | NS | NS | NS |
| | 02/16/93 | NS | NS | NS | NS | NS | NS |
| | 04/12/93 | 1.0 | 1.0 | 2.5 | 7.4 | <50 | NA |
| | 09/30/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/24/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/16/94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 02/15/95 | NS | NS | NS | NS | NS | NS |
| | 05/12/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <2.5 |
| | 11/30/95 | 5.4 | 10 | 1.4 | 12 | 77 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 08/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 11/18/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| MW-6 | 05/17/88 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 06/28/88 | 31.8 | 7.5 | 5.4 | 6.7 | 440 | NA |
| | 07/13/88 | 162.3 | 7.7 | 22.5 | 14.1 | 290 | NA |
| | 08/05/88 | 245 | 5.2 | 47.1 | 23.7 | 1,180 | NA |
| | 09/07/88 | 474 | 16 | 262 | 136 | 2,920 | NA |
| | 10/24/88 | Well Destroyed | | | | | |

**TABLE 2-Continued**

**GROUND WATER ANALYTICAL RESULTS**
Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | TPH[a] as gasoline Xylenes | | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-7 | 07/13/88 | 860 | 1,910 | 710 | 4,420 | 16,700 | NA |
| | 07/22/88 | 136 | 85 | 5 | 58 | 460 | NA |
| | 08/05/88 | 73.3 | 52.8 | 2.3 | 28.1 | 270 | NA |
| | 02/09/89 | 600 | 688 | 10 | 448 | 6,700 | NA |
| | 06/30/89 | 180 | 50 | 13 | 40 | 1,100 | NA |
| | 08/02/89 | 1.6 | <0.5 | <0.5 | 0.6 | 31 | NA |
| | 09/13/89 | <0.5 | 2.6 | <0.5 | 12 | 87 | NA |
| | 12/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 06/20/91 | <0.5 | 1.8 | 0.6 | 4.1 | 74 | NA |
| | 09/12/91 | 3.5 | <0.5 | 1.7 | 6.8 | <50 | NA |
| | 12/30/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 06/08/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 12/10/92 | NS | NS | NS | NS | NS | NS |
| | 02/16/93 | 28 | 30 | 17 | 200 | 600 | NA |
| | 04/12/93 | NS | NS | NS | NS | NS | NS |
| | 09/30/93 | NS | NS | NS | NS | NS | NS |
| | 11/24/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/16/94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 02/15/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 05/09/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 4.1 |
| | 11/30/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | 50 | <5.0 |
| | 08/28/96 | NS | NS | NS | NS | NS | NS |
| | 11/18/96 | NS | NS | NS | NS | NS | NS |

**TABLE 2-Continued**

**GROUND WATER ANALYTICAL RESULTS**
Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | TPH[a] as gasoline Xylenes | | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-8 | 10/03/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 12/20/89 | <0.5 | <0.5 | <0.5 | 0.61 | <20 | NA |
| | 01/31/90 | <0.5 | <0.5 | <0.5 | 0.87 | <20 | NA |
| | 02/09/90 | <0.5 | <0.5 | <0.5 | 1.1 | <20 | NA |
| | (Blank) | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 03/26/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | (Blank) | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 04/18/90 | <0.5 | 0.58 | <0.5 | 1.1 | <20 | NA |
| | 05/17/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 06/11/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/01/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/27/90 | <0.5 | <0.5 | <0.5 | 0.5 | <20 | NA |
| | 09/28/90 | <0.5 | <0.5 | <0.5 | 0.5 | <50 | NA |
| | 12/27/90 | <0.5 | <0.5 | <0.5 | 0.6 | <50 | NA |
| | 03/20/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 06/20/91 | <0.5 | <0.5 | <0.5 | 0.6 | <50 | NA |
| | 10/14/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 12/30/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 03/24/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 06/08/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 09/16/92 | <0.5 | 0.9 | <0.5 | <0.5 | <50 | NA |
| | 12/10/92 | <0.5 | 0.6 | <0.5 | <0.5 | <50 | NA |
| | 02/16/93 | 0.7 | 0.6 | <0.5 | 2.3 | <50 | NA |
| | 04/12/93 | 26 | 7.3 | 11 | 38 | 230 | NA |
| | 09/30/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/24/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/16/94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 02/15/95 | NS | NS | NS | NS | NS | NS |
| | 05/12/95 | 2.3 | 1.2 | 2.0 | 7.4 | <50 | NA |
| | 08/21/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <2.5 |
| | 11/30/95 | <0.5 | <0.5 | 0.69 | 2.7 | <50 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 08/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 11/18/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |

TABLE 2-Continued

## GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | TPH[a] as gasoline Xylenes | | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-9 | 10/03/89 | 1,000 | 9,200 | 3,000 | 13,000 | 89,000 | NA |
| | 12/20/89 | 6,300 | 31,000 | 9,500 | 55,000 | 190,000 | NA |
| | 01/25/90 | 2,400 | 9,400 | 2,700 | 15,000 | 77,000 | NA |
| | 02/27/90 | 1,200 | 7,100 | 2,300 | 14,000 | 97,000 | NA |
| | 03/26/90 | 1,800 | 7,700 | 2,000 | 11,000 | 89,000 | NA |
| | 04/18/90 | 2,000 | 7,500 | 2,500 | 16,000 | 110,000 | NA |
| | 05/17/90 | 1,500 | 5,700 | 2,300 | 14,000 | 81,000 | NA |
| | 06/20/90 | <0.5 | <0.5 | <0.5 | <0.5 | 430 | NA |
| | 12/10/92 | Not Accessible | | | | | |
| | 11/16/94 | NS[d] | NS | NS | NS | NS | NS |
| | 02/15/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 05/09/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | 270 | 51 | 5.2 | 140 | 1,100 | <25[e] |
| | 11/30/95 | 920 | 680 | 120 | 870 | 6,600 | <100[e] |
| | 03/28/96 | 72 | 28 | 1.8 | 49 | 360 | <10[e] |
| | 05/31/96 | 2,800 | 510 | <50[e] | 400 | 8,200 | <5.0 |
| | 08/28/96 | 1.6 | <0.5 | <0.5 | 9.6 | 160 | 28 |
| | 11/18/96 | 2,000 | 610 | 130 | 790 | 7,100 | <200[e] |
| MW-10 | 10/12/89 | <0.5 | <0.5 | <0.5 | <0.5 | 20 | NA |
| | 12/20/89 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 03/26/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 08/01/90 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | NA |
| | 02/16/93 | Not Accessible | | | | | |
| | 04/12/93 | 21 | 11 | 21 | 75 | 350 | NA |
| | 11/16/94 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 02/15/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 05/09/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <2.5 |
| | 11/30/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 08/28/96 | NS | NS | NS | NS | NS | NS |
| | 11/18/96 | NS | NS | NS | NS | NS | NS |

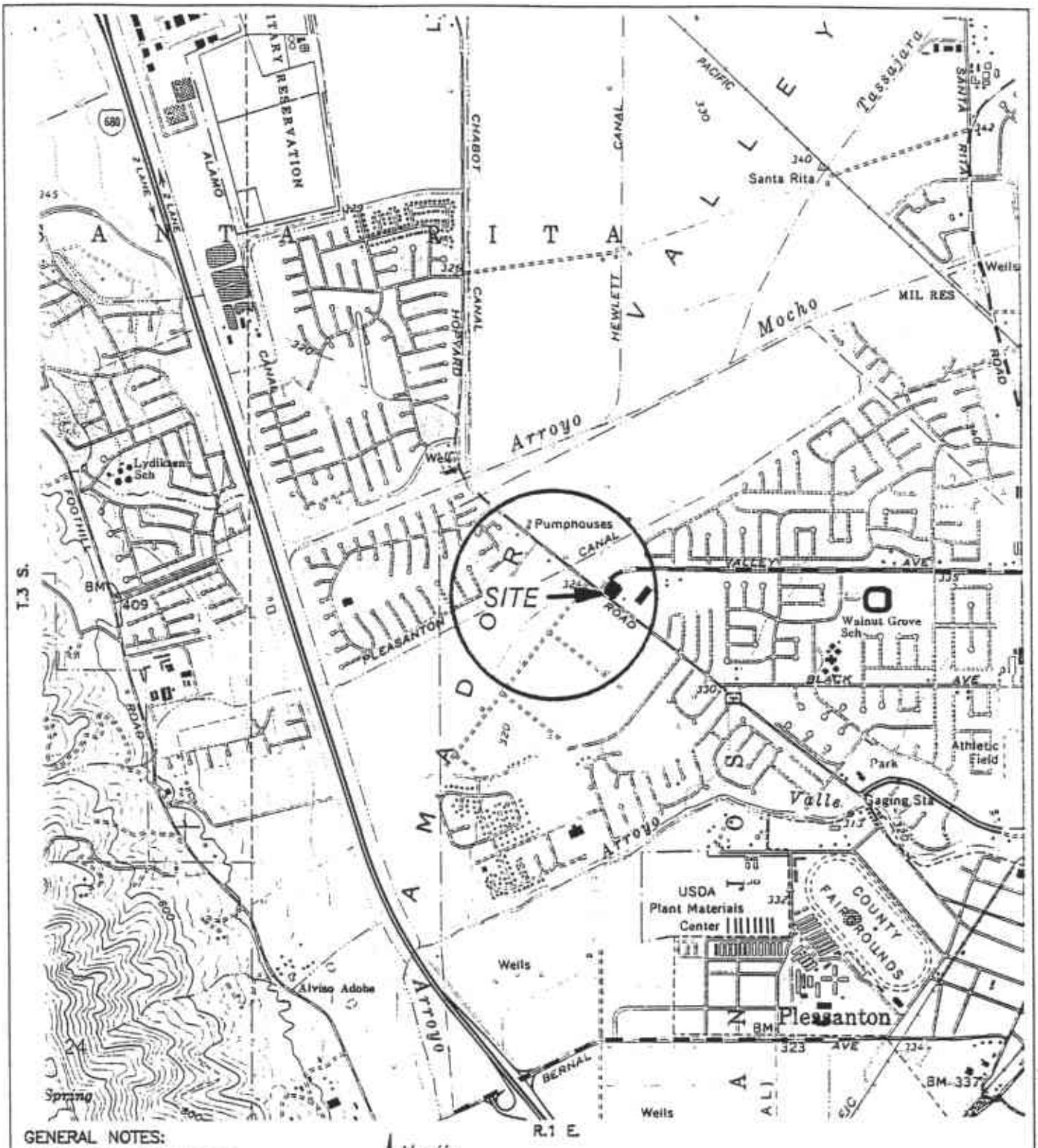
TABLE 2-Continued

GROUND WATER ANALYTICAL RESULTS
Concentrations in micrograms per liter (μg/L)

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

| Monitoring Well | Date | Benzene | Toluene | Ethyl-benzene | Xylenes | TPH[a] as gasoline | MTBE[b] |
|---|---|---|---|---|---|---|---|
| MW-11 | 11/16/89 | 4.1 | 9.4 | 0.74 | 20 | 150 | NA |
| | 12/20/89 | 7.2 | 7.5 | 2.9 | 13 | 150 | NA |
| | 03/26/90 | <0.5 | <0.5 | <0.5 | 2.7 | 32 | NA |
| | 07/30/90 | <0.5 | <0.5 | <0.5 | 3.8 | 26 | NA |
| | 12/10/92 | NS | NS | NS | NS | NS | NS |
| | 02/16/93 | NS | NS | NS | NS | NS | NS |
| | 04/12/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 09/30/93 | NS | NS | NS | NS | NS | NS |
| | 11/24/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 11/16/94 | NS | NS | NS | NS | NS | NS |
| | 02/15/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 05/09/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | NA |
| | 08/21/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 2.8 |
| | 11/30/95 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 03/28/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 05/31/96 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <5.0 |
| | 08/28/96 | NS | NS | NS | NS | NS | NS |
| | 11/18/96 | NS | NS | NS | NS | NS | NS |
| VR-1 | 03/24/92 | 1.7 | <0.5 | <0.5 | <0.5 | <50 | NA |

[a] Total petroleum hydrocarbons by EPA Method 8015 Modified.
[b] Methyl tertiary butyl ether by EPA Method 8020.
[c] Not analyzed.
[d] Not sampled.
[e] Elevated detection limit quantified by multiplying laboratory reporting limits by Report Limit Multiplication Factor.




GENERAL NOTES:
BASE MAP FROM U.S.G.S.
DUBLIN, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980


QUADRANGLE LOCATION

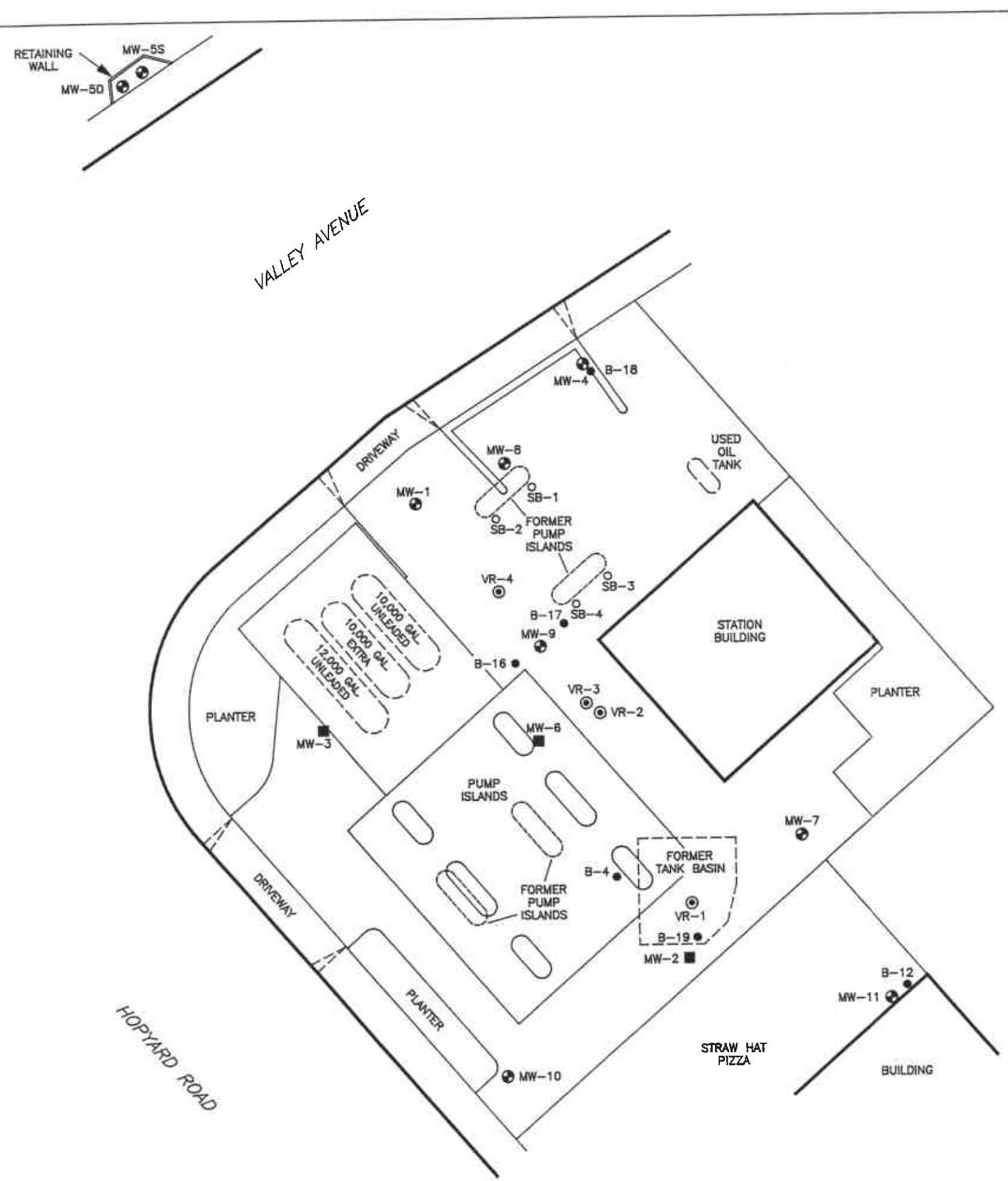
0 2000 FT

SCALE 1 : 24,000

FIGURE 1
SITE LOCATION MAP
EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

| | |
|---|---|
| PROJECT NO. D094-836 | DRAWN BY I.H. 9/22/94 |
| FILE NO. — | PREPARED BY TNG |
| REVISION NO. 1 | REVIEWED BY |

Delta Environmental Consultants, Inc.




North

LEGEND:

| | | |
|---|---|---|
| ● | B-12 | SOIL BORING LOCATION |
| ◉ | VR-1 | VAPOR EXTRACTION WELL LOCATION |
| ■ | MW-2 | DESTROYED MONITORING WELL |
| ⊕ | MW-1 | MONITORING WELL LOCATION |
| ○ | SB-1 | PROPOSED SOIL BORING LOCATION |

0 30 FT

SCALE

NOTE:

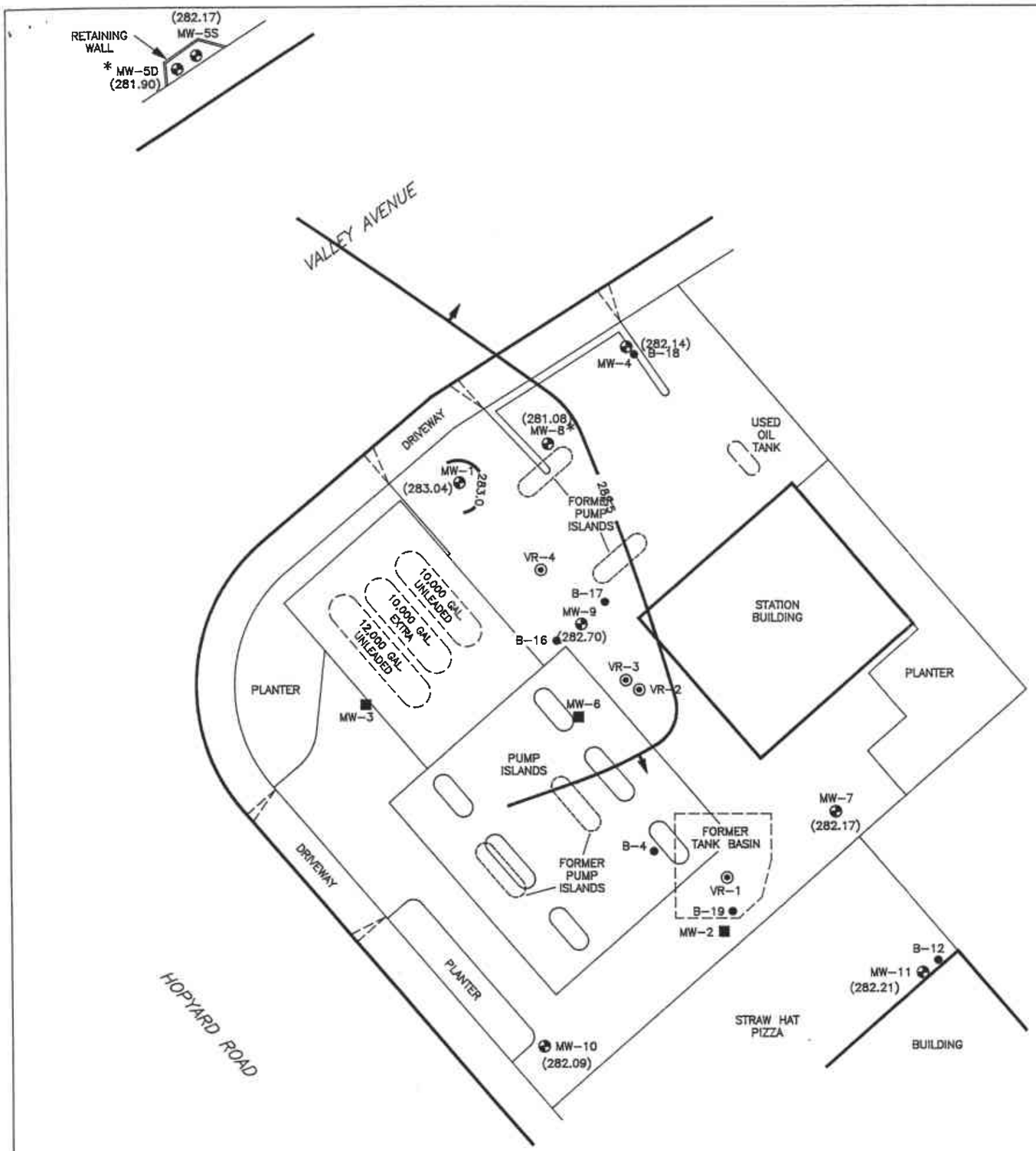
BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 2

SITE MAP

EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

| | | |
|---|---|---|
| PROJECT NO. 0094-836 | DRAWN BY M.L. 12/20/96 | Delta Environmental Consultants, inc. |
| FILE NO. 94-836-1 | PREPARED BY CKA | |
| REVISION NO. 4 | REVIEWED BY 12-26 | |




North

LEGEND:

| | |
|---|---|
| ● B-12 | SOIL BORING LOCATION |
| ◉ VR-1 | VAPOR EXTRACTION WELL LOCATION |
| ■ MW-2 | DESTROYED MONITORING WELL |
| ⊕ MW-1 | MONITORING WELL LOCATION |
| (281.08) | GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL |
| —282.5— | WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL |
| → | GROUND WATER FLOW DIRECTION |

NOTE:
* MONITORING WELLS MW-5D AND MW-8 WERE NOT USED IN THE CALCULATION OF THE WATER TABLE CONTOURS BECAUSE THEY ARE SCREENED IN LOWER WATER BEARING ZONES.

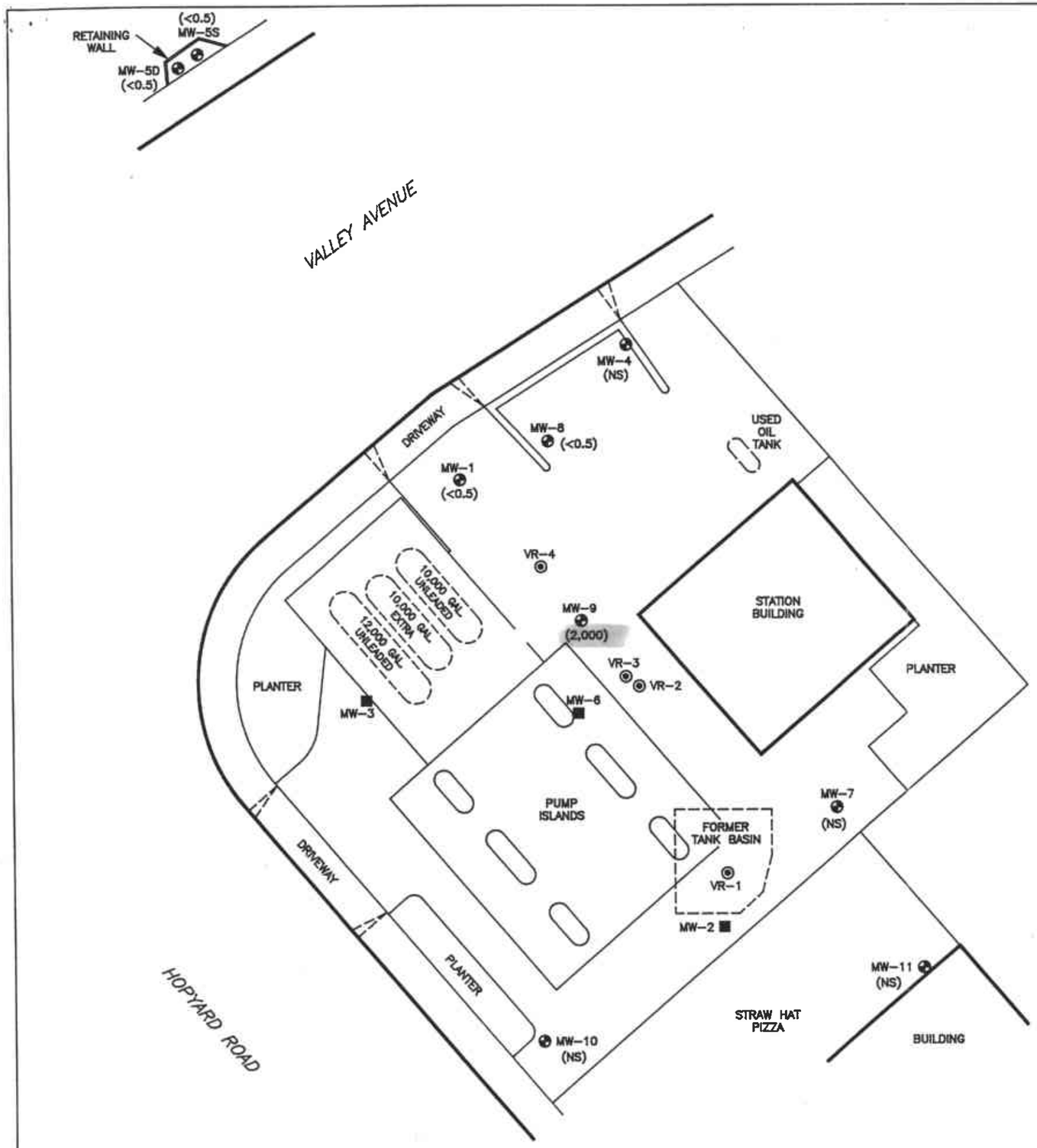
0 30 FT
SCALE

NOTE:
BASE MAP ADAPTED FROM RESNA FIGURE. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 3
WATER TABLE CONTOUR MAP – 11/18/96
EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

| | |
|---|---|
| PROJECT NO. D094-836 | DRAWN BY M.L. 12/23/96 |
| FILE NO. 94-836-1 | PREPARED BY JWS |
| REVISION NO. 3 | REVIEWED BY 12-26 |

Delta Environmental Consultants, Inc.




North

LEGEND:

| | |
|---|---|
| ◉ VR-1 | VAPOR EXTRACTION WELL LOCATION |
| ■ MW-2 | DESTROYED MONITORING WELL |
| ⊕ MW-1 | MONITORING WELL LOCATION |
| (<0.5) | DISSOLVED BENZENE CONCENTRATION IN GROUND WATER IN MICROGRAMS PER LITER |
| (NS) | NOT SAMPLED |

0 30 FT
SCALE

NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 4
DISSOLVED BENZENE CONCENTRATIONS
11/18/96
EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

| | |
|---|---|
| PROJECT NO. 0094-636 | DRAWN BY M.L. 12/11/96 |
| FILE NO. 94-636-1 | PREPARED BY JWS |
| REVISION NO. 2 | REVIEWED BY JWS 12-26 |

Delta Environmental Consultants, Inc.

# ENCLOSURE A

Field Methods and Procedures

# FIELD METHODS AND PROCEDURES

## 1.0 GROUND WATER AND LIQUID-PHASE HYDROCARBON DEPTH ASSESSMENT

A water/petroleum interface probe was used to assess the thickness of liquid-phase hydrocarbon (LPH) if present, and a water level indicator was used to assess ground water depth in monitoring wells that do not contain LPH. Depth to ground water was measured from the top of each monitoring well casing. The tip of the water level indicator was subjectively analyzed for hydrocarbon sheen. All measurements and physical observations were recorded in the field.

## 2.0 SUBJECTIVE ANALYSIS OF GROUND WATER

Prior to purging, a water sample was collected from the monitoring well for subjective assessment. The sample was retrieved by gently lowering a clean, disposal bailer to approximately one-half the bailer length past the air/liquid interface. The bailer was then retrieved and the sample contained within the bailer was examined for floating LPH and the appearance of an LPH sheen.

## 3.0 MONITORING WELL PURGING AND SAMPLING

Monitoring wells were purged using a centrifugal pump until pH, temperature, and conductivity of the purge water had stabilized and a minimum of three well volumes of water had been removed. Ground water removed from the wells was stored in 55-gallon barrels at the site. The barrels were labeled with corresponding monitoring well numbers and the date of purging. After purging, ground water levels were allowed to stabilize. A ground water sample was then removed from each of the wells using a disposal bailer. If the well was purged dry, it was allowed to sufficiently recharge and a sample was collected. Samples were collected in air-tight vials, appropriately labeled, and stored on ice from the time of collection through the time of delivery to the laboratory. A chain-of-custody form was completed to document possession of the samples. Ground water samples were transported to the laboratory and analyzed within the EPA-specified holding times for the requested analyses. Purge water will be collected from the storage barrels in a vacuum truck and transported to an appropriate facility for treatment and/or disposal.

**ENCLOSURE B**

Laboratory Analytical Report

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

| | | | |
|---|---|---|---|
| Delta Environmental Consultants | Client Project ID: | Exxon #7-3399, Pleasanton, CA | Sampled: Nov 18, 1996 |
| 3164 Gold Camp Dr., Suite 200 | Sample Matrix: | Water | Received: Nov 18, 1996 |
| Rancho Cordova, CA 95670 | Analysis Method: | EPA 5030/8020, DHS Luft | Reported: Nov 27, 1996 |
| Attention: C. Keoni Almeida | First Sample #: | 611-0778 | |

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

| Analyte | Reporting Limit µg/L | Sample I.D. 611-0778 MW-5S | Sample I.D. 611-0779 MW-5D | Sample I.D. 611-0780 MW-1 | Sample I.D. 611-0781 MW-9 | Sample I.D. 611-0782 MW-8 |
|---|---|---|---|---|---|---|
| Purgeable Hydrocarbons | 50 | N.D. | N.D. | N.D. | 7,100 | N.D. |
| Benzene | 0.50 | N.D. | N.D. | N.D. | 2,000 | N.D. |
| Toluene | 0.50 | N.D. | N.D. | N.D. | 610 | N.D. |
| Ethyl Benzene | 0.50 | N.D. | N.D. | N.D. | 130 | N.D. |
| Total Xylenes | 0.50 | N.D. | N.D. | N.D. | 790 | N.D. |
| Chromatogram Pattern: | | -- | -- | -- | Gasoline C6-C12 | -- |

**Quality Control Data**

| | | | | | |
|---|---|---|---|---|---|
| Report Limit Multiplication Factor: | 1.0 | 1.0 | 1.0 | 40 | 1.0 |
| Date Analyzed: | 11/25/96 | 11/26/96 | 11/22/96 | 11/26/96 | 11/26/96 |
| Instrument Identification: | GCHP-1 | GCHP-1 | GCHP-2 | GCHP-1 | GCHP-1 |
| Surrogate Recovery, %: (QC Limits = 60-140%) | 93 | 93 | 99 | 92 | 86 |

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

**SEQUOIA ANALYTICAL, ELAP #1624**

Linda C. Schneider
Project Manager/Sacramento Laboratory

6110778.DLT <1>

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

| | | | |
|---|---|---|---|
| Delta Environmental Consultants | Client Project ID: | Exxon #7-3399, Pleasanton, CA | Sampled: Nov 18, 1996 |
| 3164 Gold Camp Dr., Suite 200 | Sample Matrix: | Water | Received: Nov 18, 1996 |
| Rancho Cordova, CA 95670 | Analysis Method: | EPA 5030/8020 Modified | Reported: Nov 27, 1996 |
| Attention: C. Keoni Almeida | First Sample #: | 611-0778 | |

## METHYL TERTIARY BUTYL ETHER (MTBE)

| Analyte | Reporting Limit µg/L | Sample I.D. 611-0778 MW-5S | Sample I.D. 611-0779 MW-5D | Sample I.D. 611-0780 MW-1 | Sample I.D. 611-0781 MW-9 | Sample I.D. 611-0782 MW-8 |
|---|---|---|---|---|---|---|
| MTBE | 5.0 | N.D. | N.D. | N.D. | N.D. | N.D. |

**Quality Control Data**

| | | | | | |
|---|---|---|---|---|---|
| Report Limit Multiplication Factor: | 1.0 | 1.0 | 1.0 | 40 * | 1.0 |
| Date Analyzed: | 11/25/96 | 11/26/96 | 11/22/96 | 11/26/96 | 11/26/96 |
| Instrument Identification: | GCHP-1 | GCHP-1 | GCHP-2 | GCHP-1 | GCHP-1 |
| Surrogate Recovery: (QC Limits = 70-130%) | 93 | 93 | 99 | 92 | 86 |

Analytes reported as N.D. were not detected at or above the reporting limit.
* Reporting limit raised due to matrix interference.

**SEQUOIA ANALYTICAL, ELAP #1624**

Linda C. Schneider
Project Manager/Sacramento Laboratory

6110778.DLT <2>

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-3399, Pleasanton, CA
Matrix: Water
QC Sample Group 6110778-82

Reported: Nov 27, 1996

# QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl-Benzene | Xylenes |
|---|---|---|---|---|
| **Method:** | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| **Analyst:** | B. Williams | B. Williams | B. Williams | B. Williams |
| **Concentration Spiked:** | 10 ug/L | 10 ug/L | 10 ug/L | 30 ug/L |
| **LCS Batch#:** | LCS112296 | LCS112296 | LCS112296 | LCS112296 |
| **Date Prepared:** | 11/22/96 | 11/22/96 | 11/22/96 | 11/22/96 |
| **Date Analyzed:** | 11/22/96 | 11/22/96 | 11/22/96 | 11/22/96 |
| **Instrument I.D.#:** | GCHP-2 | GCHP-2 | GCHP-2 | GCHP-2 |
| **LCS % Recovery:** | 104 | 104 | 102 | 102 |
| **Control Limits:** | 70-130 | 70-130 | 70-130 | 70-130 |
| **MS/MSD Batch #:** | BS112296 | BS112296 | BS112296 | BS112296 |
| **Date Prepared:** | 11/22/96 | 11/22/96 | 11/22/96 | 11/22/96 |
| **Date Analyzed:** | 11/22/96 | 11/22/96 | 11/22/96 | 11/22/96 |
| **Instrument I.D.#:** | GCHP-2 | GCHP-2 | GCHP-2 | GCHP-2 |
| **Matrix Spike % Recovery:** | 98 | 96 | 94 | 95 |
| **Matrix Spike Duplicate % Recovery:** | 94 | 91 | 92 | 91 |
| **Relative % Difference:** | 4.2 | 5.3 | 2.2 | 4.3 |

SEQUOIA ANALYTICAL

Linda C. Schneider
Project Manager/Sacramento Laboratory

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 LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

Sequoia Analytical

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Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-3399, Pleasanton, CA
Matrix: Water
QC Sample Group 6110778-82

Reported: Nov 27, 1996

# QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl-Benzene | Xylenes |
|---|---|---|---|---|
| **Method:** | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| **Analyst:** | B. Williams | B. Williams | B. Williams | B. Williams |
| **Concentration Spiked:** | 10 ug/L | 10 ug/L | 10 ug/L | 30 ug/L |
| **LCS Batch#:** | LCS112596 | LCS112596 | LCS112596 | LCS112596 |
| **Date Prepared:** | 11/25/96 | 11/25/96 | 11/25/96 | 11/25/96 |
| **Date Analyzed:** | 11/25/96 | 11/25/96 | 11/25/96 | 11/25/96 |
| **Instrument I.D.#:** | GCHP-1 | GCHP-1 | GCHP-1 | GCHP-1 |
| **LCS % Recovery:** | 103 | 107 | 106 | 106 |
| **Control Limits:** | 70-130 | 70-130 | 70-130 | 70-130 |
| **MS/MSD Batch #:** | 6110778 | 6110778 | 6110778 | 6110778 |
| **Date Prepared:** | 11/25/96 | 11/25/96 | 11/25/96 | 11/25/96 |
| **Date Analyzed:** | 11/25/96 | 11/25/96 | 11/25/96 | 11/25/96 |
| **Instrument I.D.#:** | GCHP-1 | GCHP-1 | GCHP-1 | GCHP-1 |
| **Matrix Spike % Recovery:** | 100 | 103 | 105 | 103 |
| **Matrix Spike Duplicate % Recovery:** | 98 | 102 | 103 | 103 |
| **Relative % Difference:** | 2.0 | 0.98 | 1.9 | 0.0 |

SEQUOIA ANALYTICAL

Linda C. Schneider
Project Manager/Sacramento Laboratory

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 LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

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Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
Attention: C. Keoni Almeida

Client Project ID: Exxon #7-3399, Pleasanton, CA
Matrix: Water
QC Sample Group 6110778-82

Reported: Nov 27, 1996

# QUALITY CONTROL DATA REPORT

| ANALYTE | Benzene | Toluene | Ethyl-Benzene | Xylenes |
|---|---|---|---|---|
| **Method:** | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| **Analyst:** | B. Williams | B. Williams | B. Williams | B. Williams |
| **Concentration Spiked:** | 10 ug/L | 10 ug/L | 10 ug/L | 30 ug/L |
| **LCS Batch#:** | LCS112696 | LCS112696 | LCS112696 | LCS112696 |
| **Date Prepared:** | 11/26/96 | 11/26/96 | 11/26/96 | 11/26/96 |
| **Date Analyzed:** | 11/26/96 | 11/26/96 | 11/26/96 | 11/26/96 |
| **Instrument I.D.#:** | GCHP-1 | GCHP-1 | GCHP-1 | GCHP-1 |
| **LCS % Recovery:** | 97 | 100 | 102 | 99 |
| **Control Limits:** | 70-130 | 70-130 | 70-130 | 70-130 |
| **MS/MSD Batch #:** | 6111150 | 6111150 | 6111150 | 6111150 |
| **Date Prepared:** | 11/26/96 | 11/26/96 | 11/26/96 | 11/26/96 |
| **Date Analyzed:** | 11/26/96 | 11/26/96 | 11/26/96 | 11/26/96 |
| **Instrument I.D.#:** | GCHP-1 | GCHP-1 | GCHP-1 | GCHP-1 |
| **Matrix Spike % Recovery:** | 100 | 96 | 97 | 97 |
| **Matrix Spike Duplicate % Recovery:** | 95 | 96 | 98 | 99 |
| **Relative % Difference:** | 5.1 | 0.0 | 1.0 | 2.0 |

SEQUOIA ANALYTICAL

Linda C. Schneider
Project Manager/Sacramento Laboratory

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 LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

Sequoia Analytical
680 Chesapeake Dr.
Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

# EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

## CHAIN OF CUSTODY

Page 1 of 1

| | | | |
|---|---|---|---|
| Consultant's Name: | DeMg Environmental Consultants | Site Location: | Pleasanton |
| Address: | 3164 Gold Camp Dr. Rancho | Consultant Work Release #: | 1943255 |
| Project #: | | Consultant Project #: | 2074-856 |
| Project Contact: | Kuni Ahmadi | Phone #: | 638-2085 |
| EXXON Contact: | Mark Gunsolus | Phone #: | |
| Sampled by (print): | Jay Stoops | Sampler's Signature: | |
| Shipment Method: | Sequoia | Air Bill #: | |
| | | Laboratory Work Release #: | |
| | | EXXON RAS #: | 7-3399 |

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☐ Standard (10 day)

ANALYSIS REQUIRED

| Sample Description | Collection Date | Collection Time | Matrix Soil/Water/Air | Prsv | # of Cont. | Sequoia's Sample # | TPH/Gas BTEX/ 8015/ 8020 | TPH/ Diesel EPA 8015 | TRPH S.M. 5520 | MTBE | | Temperature: _____ Inbound Seal: Yes No Outbound Seal: Yes No |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-5S | 11-18-96 | 1000 | H2O | HCl | 3 | 5611-0778 | X | | | X | | |
| MW-5D | | 1015 | | | | 0779 | | | | | | |
| MW-1 | | 1110 | | | | 0780 | | | | | | |
| MW-9 | | 1125 | | | | 0781 | | | | | | |
| MW-8 | | 1200 | | | | 0782 | | | | | | |

| RELINQUISHED BY / AFFILIATION | Date | Time | ACCEPTED / AFFILIATION | Date | Time | Additional Comments |
|---|---|---|---|---|---|---|
| DeMg | 11/18/96 | 1610 | John Youell/Sequoia | 11/18/96 | 1610 | |
| John Youell/Sequoia | 11/18/96 | 1700 | Sndi Hanson/Sequoia | 11/18/96 | 1700 | |

Pink - Client
Yellow - Sequoia
White - Sequoia