

PACIFIC
ENVIRONMENTAL
GROUP, INC.

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7/2/92

SHD 2516

676-1414 x 169

June 30, 1992
Project 305-87.01

Mr. Paul Hayes
Shell Oil Company
P.O. Box 5278
Concord, California 94520

Re: Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California
WIC No 204-2217-0105

Dear Mr. Hayes:

This letter presents the results of the second quarter 1992 monitoring program for Shell Oil Company (Shell) prepared by Pacific Environmental Group, Inc. (PACIFIC) for the above referenced site (Figures 1 and 2).

FINDINGS

Groundwater monitoring wells were sampled and gauged by Emcon Associates (Emcon) at the direction of PACIFIC on May 12, 1992. Groundwater elevation contours for the sampling date are shown on Figure 2. Table 1 presents groundwater elevation data.

Groundwater analytical data are presented in Table 2. Gasoline and benzene concentrations for the May 1992 sampling event are shown on Figure 3. Blaine's groundwater sampling report is presented in Attachment A. Field purging and sampling data is presented in Table 3.

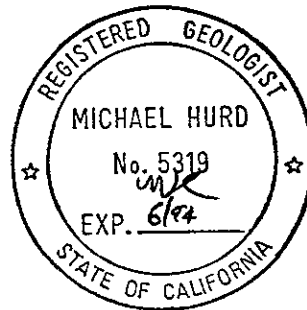
If you have any questions regarding the contents of this letter, please call.

Sincerely,

Pacific Environmental Group, Inc.



Michael Hurd
Project Geologist
RG 5319



Attachments: Table 1 - Groundwater Elevation Data
Table 2 - Groundwater Analytical Data - Low-Boiling Hydrocarbons
Table 3 - Field Purging and Sampling Data
Figure 1- Site Location Map
Figure 2- Groundwater Contour Map
Figure 3- Gasoline/Benzene Concentration Map
Attachment A - Groundwater Sampling Report

cc: Mr. Craig Mayfield, Alameda County Flood Control and Water Conservation District
Mr. Donald Dalke, Regional Water Quality Control Board
Mr. Gil Wistar, Alameda County Health Care Services

Table 1
Groundwater Elevation Data

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) |
|-------------|-------------|----------------------------|-----------------------|-----------------------------------|
| MW-1 | 05/09/88 | 334.83 | 8.72 | 326.11 |
| | 08/26/88 | | 9.15 | 325.68 |
| | 10/05/88 | | 8.54 | 326.29 |
| | 11/22/88 | | 9.31 | 325.52 |
| | 12/09/88 | | 9.33 | 325.50 |
| | 01/13/89 | | NA | NA |
| | 02/10/89 | | 8.51 | 326.32 |
| | 03/02/89 | | 8.71 | 326.12 |
| | 04/04/89 | | 7.93 | 326.90 |
| | 05/01/89 | | 8.43 | 326.40 |
| | 06/01/89 | | 8.56 | 326.27 |
| | 06/29/89 | | 8.60 | 326.23 |
| | 08/09/89 | | 8.43 | 326.40 |
| | 09/11/89 | | 8.65 | 326.18 |
| | 10/10/89 | | 8.52 | 326.31 |
| | 10/25/89 | | 8.56 | 326.27 |
| | 12/20/89 | | 8.80 | 326.03 |
| | 01/17/90 | | 8.47 | 326.36 |
| | 02/23/90 | | 8.25 | 326.58 |
| | 06/04/90 | | 8.62 | 326.21 |
| | 11/20/90 | | 9.50 | 325.33 |
| | 02/12/91 | | 9.51 | 325.32 |
| | 05/06/91 | | 8.34 | 326.49 |
| 08/28/91 | 9.28 | 325.55 | | |
| 11/13/91 | 9.59 | 325.24 | | |
| 02/25/92 | 7.49 | 327.34 | | |
| 05/12/92 | 8.64 | 326.19 | | |
| MW-2 | 05/09/88 | 336.96 | 10.85 | 326.11 |
| | 08/26/88 | | 11.29 | 325.67 |
| | 10/05/88 | | 10.83 | 326.13 |
| | 11/22/88 | | 11.42 | 325.54 |
| | 12/09/88 | | 11.45 | 325.51 |
| | 01/13/89 | | NA | NA |
| | 02/10/89 | | 10.74 | 326.22 |
| | 03/02/89 | | 10.91 | 326.05 |
| | 04/04/89 | | 10.06 | 326.90 |
| | 05/01/89 | | 10.58 | 326.38 |
| | 05/31/89 | | 10.73 | 326.23 |
| | 06/28/89 | | 10.90 | 326.06 |
| | 08/08/89 | | 10.78 | 326.18 |
| | 09/08/89 | | 10.97 | 325.99 |
| | 10/09/89 | | 10.88 | 326.08 |
| | 10/24/89 | | 11.00 | 325.96 |

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) |
|-----------------|-------------|----------------------------|-----------------------|-----------------------------------|
| MW-2 (cont.) | 12/21/89 | | 11.06 | 325.90 |
| | 01/17/90 | | 10.78 | 326.18 |
| | 02/23/90 | | 10.35 | 326.61 |
| | 06/04/90 | | 10.72 | 326.24 |
| | 11/20/90 | | 11.35 | 325.61 |
| | 02/12/91 | | 11.64 | 325.32 |
| | 05/06/91 | | 10.05 | 326.91 |
| | 08/28/91 | | 11.16 | 325.80 |
| | 11/13/91 | | 11.57 | 325.39 |
| | 02/25/92 | | 9.66 | 327.30 |
| | 05/12/92 | | 10.97 | 325.99 |
| MW-3 | 05/09/88 | 336.96 | 10.59 | 326.37 |
| | 08/26/88 | | 11.10 | 325.86 |
| | 10/05/88 | | 10.43 | 326.53 |
| | 11/22/88 | | 11.16 | 325.80 |
| | 12/09/88 | | 11.24 | 325.72 |
| | 01/13/89 | | NA | NA |
| | 02/10/89 | | 10.43 | 326.53 |
| | 03/02/89 | | 10.59 | 326.37 |
| | 04/04/89 | | 9.45 | 327.51 |
| | 05/01/89 | | 10.20 | 326.76 |
| | 06/01/89 | | 10.40 | 326.56 |
| | 06/28/89 | | 10.60 | 326.36 |
| | 08/09/89 | | 10.64 | 326.32 |
| | 09/11/89 | | 10.83 | 326.13 |
| | 10/10/89 | | 10.95 | 326.01 |
| | 10/26/89 | | 10.86 | 326.10 |
| | 12/21/89 | | 11.09 | 325.87 |
| | 01/17/90 | | 10.90 | 326.06 |
| | 02/23/90 | | 10.52 | 326.44 |
| | 06/04/90 | | 10.52 | 326.44 |
| | 11/20/90 | | 12.65 | 324.31 |
| | 02/12/91 | | 11.16 | 325.80 |
| | 05/06/91 | 336.93 | 9.85 | 327.08 |
| | 08/28/91 | | 10.90 | 326.03 |
| 11/13/91 | | 11.28 | 325.65 | |
| 02/25/92 | | 9.04 | 327.89 | |
| 05/12/92 | | 10.50 | 326.43 | |

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) |
|-------------|-------------|----------------------------|-----------------------|-----------------------------------|
| MW-4 | 05/09/88 | 337.14 | 10.88 | 326.26 |
| | 08/26/88 | | 11.34 | 325.80 |
| | 10/05/88 | | 10.87 | 326.27 |
| | 11/22/88 | | 11.41 | 325.73 |
| | 12/09/88 | | 11.46 | 325.68 |
| | 01/13/89 | | NA | NA |
| | 02/10/89 | | 10.78 | 326.36 |
| | 03/02/89 | | 10.92 | 326.22 |
| | 04/04/89 | | 10.04 | 327.10 |
| | 05/01/89 | | 10.52 | 326.62 |
| | 05/31/89 | | 10.62 | 326.52 |
| | 06/28/89 | | 11.00 | 326.14 |
| | 08/09/89 | | 10.92 | 326.22 |
| | 09/08/89 | | 11.05 | 326.09 |
| | 10/10/89 | | 10.97 | 326.17 |
| | 10/26/89 | | 11.35 | 325.79 |
| | 12/21/89 | | 11.07 | 326.07 |
| | 01/17/90 | | 11.08 | 326.06 |
| | 02/23/90 | | 10.90 | 325.24 |
| | 06/04/90 | | 10.74 | 326.40 |
| | 11/20/90 | | 11.45 | 325.69 |
| | 02/12/91 | | 11.50 | 325.64 |
| | 05/06/91 | | 10.04 | 327.10 |
| | 08/28/91 | | 11.18 | 325.96 |
| | 11/13/91 | | 11.60 | 325.54 |
| 02/25/92 | 9.45 | 327.69 | | |
| 05/12/92 | 10.84 | 326.30 | | |
| MW-5 | 08/26/88 | 334.96 | 9.10 | 325.86 |
| | 10/05/88 | | 9.95 | 325.01 |
| | 11/22/88 | | 8.93 | 326.03 |
| | 12/09/88 | | 10.48 | 324.48 |
| | 01/13/89 | | NA | NA |
| | 02/10/89 | | 10.35 | 324.61 |
| | 03/02/89 | | 8.50 | 326.46 |
| | 04/05/89 | | 7.72 | 327.24 |
| | 05/01/89 | | 8.21 | 326.75 |
| | 06/01/89 | | 8.40 | 326.56 |
| | 06/29/89 | | 8.65 | 326.31 |
| | 08/09/89 | | 8.76 | 326.20 |
| | 09/11/89 | | 8.80 | 326.16 |
| | 10/10/89 | | 11.92 | 323.04 |
| | 10/25/89 | | 9.03 | 325.93 |
| 12/20/89 | 11.26 | 323.70 | | |

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) |
|-----------------|-------------|----------------------------|-----------------------|-----------------------------------|
| MW-5 (cont.) | 01/18/90 | | 9.95 | 325.01 |
| | 02/23/90 | | 8.30 | 326.66 |
| | 06/04/90 | | 8.57 | 326.39 |
| | 11/20/90 | | 9.45 | 325.51 |
| | 02/11/91 | | 9.27 | 325.69 |
| | 05/06/91 | | 7.90 | 327.06 |
| | 08/28/91 | | 9.28 | 325.68 |
| | 11/13/91 | | 9.36 | 325.60 |
| | 02/25/92 | | 9.02 | 325.94 |
| | 05/12/92 | | 8.65 | 326.31 |
| MW-6 | 08/26/88 | 335.42 | 9.69 | 325.73 |
| | 10/05/88 | | 9.27 | 326.15 |
| | 11/22/88 | | 9.77 | 325.65 |
| | 12/09/88 | | 9.85 | 325.27 |
| | 01/13/89 | | NA | NA |
| | 02/10/89 | | 9.10 | 326.32 |
| | 03/02/89 | | 9.29 | 326.13 |
| | 04/04/89 | | 8.48 | 326.94 |
| | 05/01/89 | | 8.90 | 326.52 |
| | 06/01/89 | | 9.16 | 326.26 |
| | 06/29/89 | | 9.30 | 326.12 |
| | 08/09/89 | | 9.30 | 326.12 |
| | 09/11/89 | | 9.31 | 326.11 |
| | 10/10/89 | | 9.32 | 326.10 |
| | 10/24/89 | | 9.30 | 326.12 |
| | 12/20/89 | | 9.58 | 325.84 |
| | 01/18/90 | | 9.46 | 325.96 |
| | 02/23/90 | | 8.94 | 326.48 |
| | 06/04/90 | | 9.22 | 326.20 |
| | 11/20/90 | | 9.65 | 325.77 |
| 02/12/91 | | 9.85 | 325.57 | |
| 05/06/91 | | 9.12 | 326.30 | |
| 08/28/91 | | 9.68 | 325.74 | |
| 11/13/91 | | 10.00 | 325.42 | |
| 02/25/92 | | 8.44 | 326.98 | |
| 05/12/92 | | 9.11 | 326.31 | |
| MW-7 | 08/26/88 | 333.23 | 7.94 | 325.29 |
| | 10/05/88 | | 7.54 | 325.69 |
| | 11/22/88 | | NA | NA |
| | 12/09/88 | | 7.53 | 325.70 |
| | 01/13/89 | | NA | NA |

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) |
|-----------------|-------------|----------------------------|-----------------------|-----------------------------------|
| MW-7 (cont.) | 02/10/89 | | 6.62 | 326.61 |
| | 03/02/89 | | 7.03 | 326.20 |
| | 04/05/89 | | 6.80 | 326.43 |
| | 05/01/89 | | 6.53 | 326.70 |
| | 05/31/89 | | 6.93 | 326.30 |
| | 06/28/89 | | 6.85 | 326.38 |
| | 08/09/89 | | 6.67 | 326.56 |
| | 09/07/89 | | 6.90 | 326.33 |
| | 10/10/89 | | 6.90 | 326.33 |
| | 10/24/89 | | 7.29 | 325.94 |
| | 12/20/89 | | 7.47 | 325.76 |
| | 01/18/90 | | 7.49 | 325.74 |
| | 02/23/90 | | 6.92 | 326.31 |
| | 06/04/90 | | 6.95 | 326.28 |
| | 11/20/90 | | 8.10 | 325.13 |
| | 02/11/91 | | 8.04 | 325.19 |
| | 05/06/91 | | 6.37 | 325.86 |
| | 08/28/91 | | 7.94 | 325.29 |
| | 11/13/91 | | 8.41 | 324.82 |
| | 02/25/92 | | 6.99 | 326.24 |
| 05/12/92 | | 7.42 | 325.81 | |
| MW-8 | 03/01/89 | 335.80 | 8.28 | 327.52 |
| | 04/04/89 | | 7.31 | 328.49 |
| | 05/01/89 | | 8.97 | 326.83 |
| | 05/31/89 | | 9.17 | 326.63 |
| | 06/28/89 | | 9.40 | 326.40 |
| | 08/08/89 | | 9.42 | 326.28 |
| | 09/07/89 | | 8.50 | 327.30 |
| | 10/10/89 | | 9.46 | 326.34 |
| | 10/26/89 | | 9.56 | 326.24 |
| | 12/21/89 | | 9.57 | 326.23 |
| | 01/18/90 | | 9.29 | 326.51 |
| | 02/26/90 | | 8.50 | 327.30 |
| | 06/04/90 | | 9.04 | 326.76 |
| | 02/11/91 | | 9.40 | 326.40 |
| | 05/06/91 | | 8.70 | 327.10 |
| | 08/28/91 | | 9.68 | 326.12 |
| 11/13/91 | | 9.87 | 326.93 | |
| 02/25/92 | | 7.45 | 328.35 | |
| 05/12/92 | | 9.19 | 326.61 | |

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) | | |
|-------------|-------------|----------------------------|--------------------------|-----------------------------------|------|--------|
| MW-9 | 03/01/89 | 334.57 | 8.48 | 326.09 | | |
| | 04/04/89 | | 7.69 | 326.88 | | |
| | 05/01/89 | | 8.20 | 326.37 | | |
| | 05/31/89 | | 8.72 | 325.85 | | |
| | 06/28/89 | | 9.00 | 325.57 | | |
| | 08/08/89 | | 8.53 | 326.04 | | |
| | 09/07/89 | | 8.99 | 325.58 | | |
| | 10/09/89 | | 8.89 | 325.68 | | |
| | 10/23/89 | | 9.02 | 325.55 | | |
| | 12/21/89 | | 9.48 | 325.09 | | |
| | 01/18/90 | | 8.73 | 325.84 | | |
| | 02/26/90 | | 9.06 | 325.51 | | |
| | 06/04/90 | | 8.64 | 325.93 | | |
| | 11/20/90 | | 9.95 | 324.62 | | |
| | 02/11/91 | | 9.85 | 324.72 | | |
| | 05/06/91 | | 10.05 | 324.52 | | |
| | 08/28/91 | | 10.34 | 324.23 | | |
| 11/13/91 | 9.39 | 325.18 | | | | |
| 02/25/92 | 7.18 | 327.39 | | | | |
| 05/12/92 | 8.54 | 326.03 | | | | |
| MW-10* | 03/02/89 | 335.37 | 8.95 | 326.42 | | |
| | 04/04/89 | | 7.89 | 327.48 | | |
| | 05/01/89 | | 9.07 | 326.30 | | |
| | 06/01/89 | | 8.86 | 326.51 | | |
| | 06/29/89 | | 9.05 | 326.32 | | |
| | 08/09/89 | | 9.70 | 326.67 | | |
| | 09/07/89 | | 8.14 | 327.23 | | |
| | 10/10/89 | | 9.21 | 326.16 | | |
| | 10/26/89 | | 9.60 | 325.77 | | |
| | 12/20/89 | | 9.42 | 325.95 | | |
| | 06/90 | | -----Well Destroyed----- | | | |
| | MW-11 | | 03/02/89 | 334.20 | 8.30 | 325.90 |
| | | | 04/04/89 | | 7.52 | 325.68 |
| 05/01/89 | | 7.97 | 326.23 | | | |
| 11/20/90 | | NA | NA | | | |
| 05/31/90 | | 8.13 | 326.07 | | | |
| 06/28/89 | | 8.30 | 325.90 | | | |
| 08/08/89 | | 8.22 | 325.98 | | | |
| 09/07/89 | | 8.32 | 325.88 | | | |
| 10/09/89 | | 8.28 | 325.92 | | | |
| 10/24/89 | | 8.38 | 325.82 | | | |
| 12/20/89 | | 8.48 | 325.72 | | | |

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) |
|------------------|-------------|----------------------------|-----------------------|-----------------------------------|
| MW-11 (cont.) | 01/18/90 | | 8.20 | 326.00 |
| | 02/26/90 | | 7.86 | 326.34 |
| | 06/04/90 | | 8.13 | 326.07 |
| | 11/20/90 | | 8.83 | 325.37 |
| | 02/11/90 | | 8.95 | 325.25 |
| | 05/06/91 | | 7.71 | 326.49 |
| | 08/28/91 | | 8.62 | 325.58 |
| | 11/15/91 | | 8.99 | 325.21 |
| | 02/25/92 | | 7.21 | 326.99 |
| | 05/12/92 | | 8.26 | 325.94 |
| MW-12 | 03/02/89 | 332.53 | 6.94 | 325.59 |
| | 04/04/89 | | 6.33 | 326.20 |
| | 05/01/89 | | 6.62 | 325.91 |
| | 06/01/89 | | 6.82 | 325.71 |
| | 06/29/89 | | 7.00 | 325.53 |
| | 08/09/89 | | 6.76 | 325.77 |
| | 09/07/89 | | 6.81 | 325.72 |
| | 10/09/89 | | 7.11 | 325.42 |
| | 10/24/89 | | 7.60 | 324.93 |
| | 12/20/89 | | 8.25 | 324.28 |
| | 01/18/90 | | 8.23 | 324.30 |
| | 02/26/90 | | 7.54 | 324.99 |
| | 06/04/90 | | 7.96 | 324.57 |
| | 11/20/90 | | 8.80 | 323.73 |
| | 02/12/90 | | 7.85 | 324.68 |
| | 05/06/91 | | 7.35 | 325.18 |
| 08/28/91 | | 7.79 | 324.74 | |
| 11/13/91 | | 7.89 | 324.64 | |
| 02/25/92 | | 6.14 | 326.39 | |
| 05/12/92 | | 7.54 | 324.99 | |
| MW-13 | 05/06/91 | 335.64 | 8.37 | 327.27 |
| | 08/28/91 | | 9.82 | 325.82 |
| | 11/13/91 | | 10.19 | 325.45 |
| | 02/25/92 | | 7.66 | 327.98 |
| | 05/12/92 | | 9.16 | 326.48 |
| RW-1 | 12/09/89 | 336.19 | 10.73 | 325.46 |
| | 01/13/89 | | NA | NA |
| | 02/10/89 | | 10.91 | 325.28 |
| | 03/02/89 | | 10.15 | 325.04 |
| | 04/05/89 | | 9.34 | 326.85 |
| | 05/01/89 | | 9.85 | 326.34 |

Table 1 (continued)
Groundwater Elevation Data

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Sample Date | Well Elevation (feet, MSL) | Depth to Water (feet) | Groundwater Elevation (feet, MSL) |
|-------------------|----------------------|----------------------------|-----------------------|-----------------------------------|
| RW-1 (cont.) | 06/01/89 | | 9.96 | 326.23 |
| | 06/30/89 | | 9.90 | 326.29 |
| | 08/09/89 | | 9.80 | 326.39 |
| | 09/11/89 | | 10.02 | 326.17 |
| | 10/10/89 | | 9.88 | 326.31 |
| | 10/25/89 | | 9.80 | 326.39 |
| | 12/21/89 | | 10.25 | 325.94 |
| | 01/17/89 | | 9.80 | 326.39 |
| | 02/23/90 | | 9.60 | 326.59 |
| | 06/04/90 | | 9.97 | 326.22 |
| | 11/20/90 | | 10.50 | 325.69 |
| | 02/11/91 | | 10.87 | 325.32 |
| | 02/25/92 | | NA | NA |
| | 05/12/92 | | NA | NA |
| | MSL = Mean sea level | | | |
| NA = Not analyzed | | | | |

Table 2
Groundwater Analytical Data
 Low-Boiling Hydrocarbons

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Date Sampled | Gasoline (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|-------------|--------------|----------------|---------------|---------------|--------------------|---------------|
| MW-1 | 05/09/88 | 440 | 120 | 50 | NR | 120 |
| | 08/26/88 | 200,000 | 4,400 | 260 | 300 | 450 |
| | 10/05/88 | 17,000 | 6,700 | 360 | 210 | 730 |
| | 11/22/88 | 8,000 | 3,900 | 830 | 250 | 340 |
| | 12/09/88 | 11,000 | 790 | 36 | 7.3 | 68 |
| | 01/13/89 | 8,800 | 3,800 | 110 | 330 | 90 |
| | 02/10/89 | 18,000 | 4,700 | 400 | 660 | 190 |
| | 03/02/89 | 14,000 | 6,100 | 770 | 320 | 440 |
| | 04/04/89 | 11,000 | 4,800 | 770 | 270 | 780 |
| | 05/01/89 | 11,000 | 2,800 | 880 | 410 | 780 |
| | 06/01/89 | ND | ND | ND | ND | ND |
| | 06/29/89 | 4,700 | 310 | 160 | 75 | 260 |
| | 08/09/89 | 12,000 | 1,300 | 620 | 830 | 680 |
| | 09/11/89 | ND | ND | ND | ND | 2.2 |
| | 10/10/89 | 8,700 | 1,100 | 310 | 180 | 590 |
| | 10/25/89 | 7,500 | 660 | 250 | 460 | 480 |
| | 12/20/89 | 6,200 | 270 | 110 | 260 | 220 |
| | 01/17/90 | 7,400 | 200 | 170 | 160 | 260 |
| | 02/23/90 | 1,500 | 130 | 13 | 30 | 24 |
| | 06/04/90 | 830 | 88 | 10 | 2.6 | 28 |
| | 11/20/90 | NA | NA | NA | NA | NA |
| | 02/12/91 | 1,500 | 180 | 39 | 82 | 110 |
| | 05/06/91 | 510 | 41 | 11 | 25 | 35 |
| | 08/28/91 | 450 | 41 | 16 | 24 | 34 |
| 11/13/91 | 320 | 41 | 14 | 23 | 33 | |
| 02/25/92 | 240 | 24 | 9.2 | 14 | 20 | |
| 05/12/92 | 320 | 60 | 25 | 29 | 41 | |
| MW-2 | 05/09/88 | ND | ND | ND | NR | ND |
| | 08/26/88 | 1,700 | 230 | 16 | 87 | 120 |
| | 10/05/88 | 200 | 20 | 2.3 | 8.3 | 12 |
| | 11/22/88 | 800 | 93 | 1.6 | 4.3 | 60 |
| | 12/09/88 | 270 | 45 | 3.6 | 7.2 | 14 |
| | 01/13/89 | 180 | 26 | 2.3 | 17 | 7 |
| | 02/10/89 | 320 | 43 | 1.7 | 34 | 15 |
| | 03/02/89 | 230 | 24 | 0.9 | 9.2 | 18 |
| | 04/04/89 | 230 | 53 | 2.3 | 7.1 | 20 |
| | 05/01/89 | ND | 2.7 | ND | ND | ND |
| | 05/31/89 | 120 | 14 | ND | 3.9 | 7.6 |
| | 06/28/89 | ND | 4.1 | ND | ND | ND |
| | 08/08/89 | 88 | 3.9 | ND | ND | ND |
| | 09/08/89 | ND | 3.2 | ND | ND | ND |
| | 10/09/89 | 110 | 6.7 | ND | ND | ND |
| | 10/24/89 | ND | 2.5 | ND | ND | 1.9 |
| | 12/21/89 | ND | 7.1 | ND | 5 | 9.8 |
| 01/17/90 | ND | 4.4 | ND | 1.6 | 1.4 | |

Table 2 (continued)
Groundwater Analytical Data
 Low-Boiling Hydrocarbons

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Date Sampled | Gasoline (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|-----------------|--------------|----------------|---------------|---------------|--------------------|---------------|
| MW-2 (cont.) | 02/23/90 | 70 | 6.3 | ND | 2.7 | 2.5 |
| | 06/04/90 | 60 | 2.4 | ND | 0.8 | ND |
| | 11/20/90 | 60 | 5.6 | ND | ND | ND |
| | 02/12/91 | 130 | 14 | ND | 0.9 | 0.5 |
| | 05/06/91 | 60 | 1.5 | ND | 5 | ND |
| | 08/28/91 | 100 | 6.3 | ND | 1 | 1.1 |
| | 11/13/91 | ND | 11 | ND | 1.3 | ND |
| | 02/25/92 | ND | 3.8 | ND | ND | ND |
| | 05/12/92 | ND | 6.0 | ND | ND | ND |
| MW-3 | 05/09/88 | 76 | 10 | 4.4 | NR | 15 |
| | 08/26/88 | 5,200 | 170 | 6 | 32 | 54 |
| | 10/05/88 | 260 | 100 | 2.7 | 5.8 | 7 |
| | 11/22/88 | 180 | 75 | 1.4 | 8.1 | 4 |
| | 12/09/88 | 160 | 5 | 5.9 | ND | ND |
| | 01/13/89 | 160 | 36 | 1.2 | 3 | 2 |
| | 02/10/89 | 300 | 83 | ND | 8.6 | 8 |
| | 03/02/89 | 570 | 160 | 1 | 17 | 9 |
| | 04/04/89 | 150 | 64 | 0.8 | 2.7 | 6 |
| | 05/01/89 | 130 | 48 | 1.2 | 3.4 | 2 |
| | 06/01/89 | ND | ND | ND | ND | ND |
| | 06/28/89 | 90 | 68 | 0.7 | ND | 5.1 |
| | 08/09/89 | 150 | 23 | 5.3 | 2.6 | ND |
| | 09/11/89 | ND | ND | ND | ND | ND |
| | 10/10/89 | 80 | 6.4 | 0.72 | ND | ND |
| | 10/26/89 | 150 | 11 | ND | 1.6 | ND |
| | 12/21/89 | ND | 6.8 | ND | ND | ND |
| | 01/17/90 | ND | 4 | ND | 6.8 | ND |
| | 02/23/90 | 50 | 10 | ND | 1.2 | 0.9 |
| | 06/04/90 | 80 | 10 | ND | 1.4 | ND |
| | 11/20/90 | 100 | 26 | 0.7 | 1.2 | 1.9 |
| | 02/12/91 | 130 | 27 | ND | ND | ND |
| | 05/06/91 | 120 | 31 | 0.8 | 2.1 | 0.8 |
| 08/28/91 | 340 | 87 | 1.1 | 6.5 | 3.8 | |
| 11/13/91 | 240 | 140 | ND | 3.1 | 0.9 | |
| 02/25/92 | 80 | 17 | ND | ND | ND | |
| 05/12/92 | 74 | 31 | ND | 2.6 | ND | |
| MW-4 | 05/09/88 | 290 | 76 | 33 | NA | 150 |
| | 08/26/88 | 210 | 640 | 41 | 110 | 160 |
| | 10/05/88 | 450 | 110 | 6.3 | 16 | 20 |
| | 11/22/88 | 500 | 110 | 4 | 20 | 27 |
| | 12/09/88 | 260 | 920 | 7.5 | 5.9 | 11 |
| | 01/13/89 | 990 | 200 | 6.5 | 46 | 14 |
| | 02/10/89 | 290 | 90 | 3.6 | 8.8 | 9 |
| | 03/02/89 | 630 | 210 | 6.2 | 34 | 7 |
| | 04/04/89 | 640 | 340 | 13 | 25 | 40 |
| | 05/01/89 | 100 | 65 | 2 | 3 | 4 |

Table 2 (continued)
Groundwater Analytical Data
 Low-Boiling Hydrocarbons

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Date Sampled | Gasoline (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|-----------------|--------------|----------------|---------------|---------------|--------------------|---------------|
| MW-4 (cont.) | 05/31/89 | 60 | ND | ND | ND | ND |
| | 06/28/89 | 110 | 62 | 1.3 | ND | 4.8 |
| | 08/09/89 | 160 | 110 | 2 | 6.4 | ND |
| | 09/08/89 | 94 | 45 | 0.5 | 3.8 | ND |
| | 10/10/89 | 90 | 30 | 1 | 1.9 | ND |
| | 10/26/89 | ND | 3.4 | ND | ND | ND |
| | 12/21/89 | ND | 35 | 1.1 | 3.6 | 1.6 |
| | 01/17/90 | ND | 4 | ND | 6.8 | ND |
| | 02/23/90 | ND | 8 | ND | 1.1 | 0.7 |
| | 06/04/90 | 160 | 85 | 1.1 | 1.9 | ND |
| | 11/20/90 | 140 | 52 | 1 | 0.8 | 0.9 |
| | 02/12/91 | 130 | 48 | ND | 1.5 | ND |
| | 05/06/91 | 140 | 49 | 1.3 | 4.1 | 1.7 |
| | 08/28/91 | 90 | 13 | ND | 1 | 1.1 |
| | 11/13/91 | ND | 10 | ND | ND | ND |
| | 02/25/92 | 120 | 47 | ND | 0.5 | 0.5 |
| | 05/12/92 | NS | NS | NS | NS | NS |
| MW-5 | 08/26/88 | 210 | 6 | 44 | 9 | 19 |
| | 10/05/88 | 7,500 | 2,700 | ND | 110 | 590 |
| | 11/22/88 | 150 | 21 | 26 | 3 | 2 |
| | 12/09/88 | 240 | 37 | 2.2 | 6.7 | 7.7 |
| | 01/13/89 | 80 | 1.6 | ND | 7.7 | 2 |
| | 02/10/89 | 60 | ND | ND | ND | ND |
| | 03/02/89 | ND | ND | ND | ND | ND |
| | 04/05/89 | ND | ND | ND | ND | ND |
| | 05/01/89 | ND | 1.3 | ND | ND | ND |
| | 06/01/89 | ND | ND | ND | ND | ND |
| | 06/29/89 | ND | ND | ND | ND | ND |
| | 08/09/89 | 89 | 8.5 | 1.8 | 1.5 | 2.2 |
| | 09/11/89 | 1,100 | 7.8 | 1.4 | ND | 6.3 |
| | 10/10/89 | ND | ND | ND | ND | ND |
| | 10/25/89 | ND | 1.4 | ND | ND | 1.6 |
| | 12/20/89 | ND | ND | ND | ND | ND |
| | 01/18/90 | ND | ND | ND | ND | ND |
| | 02/23/90 | ND | ND | ND | 0.6 | ND |
| | 06/04/90 | ND | ND | ND | ND | ND |
| | 11/20/90 | ND | ND | ND | ND | 1 |
| | 02/11/91 | ND | ND | ND | ND | ND |
| 05/06/91 | ND | ND | ND | ND | ND | |
| 08/28/91 | ND | ND | ND | ND | 1 | |
| 11/13/91 | ND | ND | ND | ND | ND | |
| 02/25/92 | ND | ND | ND | ND | ND | |
| 05/12/92 | ND | ND | ND | ND | ND | |

Table 2 (continued)
Groundwater Analytical Data
 Low-Boiling Hydrocarbons

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Date Sampled | Gasoline (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) | |
|-------------|--------------|----------------|---------------|---------------|--------------------|---------------|----|
| MW-6 | 08/26/88 | 15,000 | 390 | 390 | 670 | 1,700 | |
| | 10/05/88 | 2,700 | 130 | 38 | 960 | 220 | |
| | 11/22/88 | NA | NA | NA | NA | NA | |
| | 12/09/88 | 540 | 62 | 3 | 26 | 5 | |
| | 01/13/89 | 980 | 160 | 22 | 120 | 29 | |
| | 02/10/89 | 1,900 | 290 | 24 | 93 | 48 | |
| | 03/02/89 | 1,400 | 160 | 20 | 130 | 33 | |
| | 04/04/89 | 1,200 | 220 | 27 | 74 | 69 | |
| | 05/01/89 | 790 | 120 | 11 | 25 | 17 | |
| | 06/01/89 | 1,200 | 49 | 49 | 69 | 30 | |
| | 06/29/89 | 940 | 130 | 15 | 69 | 35 | |
| | 08/09/89 | 1,400 | 280 | 39 | 170 | 64 | |
| | 09/11/89 | ND | ND | ND | ND | ND | |
| | 10/10/89 | 1,000 | 85 | 11 | 12 | 16 | |
| | 10/24/89 | 1,500 | 67 | 20 | 50 | 39 | |
| | 12/20/89 | ND | 4.9 | 5.1 | ND | ND | |
| | 01/18/90 | ND | 67 | 12 | 48 | 18 | |
| | 02/23/90 | 1 | 150 | 16 | 47 | 30 | |
| | 06/04/90 | 190 | ND | ND | ND | 0.6 | |
| | 11/20/90 | 730 | 120 | 12 | 39 | 21 | |
| | 02/12/91 | 550 | 65 | 10 | 33 | 16 | |
| | 05/06/91 | 550 | 72 | 11 | 38 | 23 | |
| | 08/28/91 | 580 | 82 | 7.6 | 28 | 20 | |
| | 11/13/91 | 430 | 60 | 7.6 | 20 | 12 | |
| | 02/25/92 | 400 | 52 | 6.6 | 18 | 11 | |
| | 05/12/92 | 950 | 260 | 36 | 12 | 49 | |
| | MW-7 | 08/26/88 | ND | 0.8 | ND | ND | ND |
| | | 10/05/88 | ND | ND | ND | ND | ND |
| 11/22/88 | | 700 | 41 | 9 | 1 | 20 | |
| 12/09/88 | | ND | ND | ND | ND | 0.6 | |
| 01/13/89 | | ND | ND | ND | ND | ND | |
| 02/10/89 | | ND | ND | ND | ND | ND | |
| 03/02/89 | | ND | ND | ND | ND | ND | |
| 04/05/89 | | ND | ND | ND | ND | ND | |
| 05/01/89 | | ND | ND | ND | ND | ND | |
| 05/31/89 | | ND | ND | ND | ND | ND | |
| 06/28/89 | | ND | ND | ND | ND | ND | |
| 08/09/89 | | ND | ND | ND | ND | ND | |
| 09/07/89 | | ND | ND | ND | ND | ND | |
| 10/10/89 | | ND | ND | ND | ND | ND | |
| 10/24/89 | | ND | ND | ND | ND | ND | |
| 12/20/89 | | ND | ND | ND | ND | ND | |
| 01/18/90 | | ND | ND | ND | ND | ND | |
| 02/23/90 | | ND | ND | ND | ND | ND | |
| 06/04/90 | ND | ND | ND | ND | ND | | |
| 11/20/90 | ND | ND | ND | ND | ND | | |
| 02/11/91 | ND | ND | ND | ND | ND | | |

Table 2 (continued)
Groundwater Analytical Data
 Low-Boiling Hydrocarbons

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Date Sampled | Gasoline (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|-----------------|--------------|----------------|---------------|---------------|--------------------|---------------|
| MW-7 (cont.) | 05/06/91 | ND | ND | ND | ND | ND |
| | 08/28/91 | ND | ND | ND | ND | ND |
| | 11/13/91 | ND | ND | ND | ND | ND |
| | 02/25/92 | ND | ND | ND | ND | ND |
| | 05/12/92 | NS | NS | NS | NS | NS |
| MW-8 | 03/01/89 | ND | ND | ND | ND | ND |
| | 04/04/89 | ND | ND | ND | ND | ND |
| | 05/01/89 | ND | ND | ND | ND | ND |
| | 05/31/89 | ND | ND | ND | ND | ND |
| | 06/28/89 | ND | ND | ND | ND | ND |
| | 08/08/89 | ND | ND | ND | ND | ND |
| | 09/07/89 | ND | ND | ND | ND | ND |
| | 10/10/89 | ND | ND | ND | ND | ND |
| | 10/26/89 | ND | ND | ND | ND | ND |
| | 12/21/89 | ND | ND | ND | ND | ND |
| | 01/18/90 | ND | ND | ND | ND | ND |
| | 02/26/90 | ND | ND | ND | ND | ND |
| | 06/04/90 | ND | ND | ND | ND | ND |
| | 11/20/90 | ND | ND | ND | ND | ND |
| | 02/11/91 | ND | ND | ND | ND | ND |
| | 05/06/91 | ND | ND | ND | ND | ND |
| | 08/28/91 | ND | ND | ND | ND | ND |
| 11/13/91 | ND | ND | ND | ND | ND | |
| 02/25/92 | ND | ND | ND | ND | ND | |
| 05/12/92 | NS | NS | NS | NS | NS | |
| MW-9 | 03/1/89 | ND | ND | ND | ND | ND |
| | 04/04/89 | ND | ND | ND | ND | ND |
| | 05/01/89 | ND | ND | ND | ND | ND |
| | 05/31/89 | ND | ND | ND | ND | ND |
| | 06/28/89 | ND | ND | ND | ND | ND |
| | 08/08/89 | ND | ND | ND | ND | ND |
| | 09/07/89 | ND | ND | ND | ND | ND |
| | 10/09/89 | ND | ND | ND | ND | ND |
| | 10/23/89 | ND | ND | ND | ND | ND |
| | 12/21/89 | ND | ND | ND | ND | ND |
| | 01/18/90 | ND | ND | ND | ND | ND |
| | 02/26/90 | ND | ND | ND | ND | ND |
| | 06/04/90 | ND | ND | ND | ND | ND |
| | 11/20/90 | ND | ND | ND | ND | ND |
| | 02/11/91 | ND | ND | ND | ND | ND |
| | 05/06/91 | ND | ND | ND | ND | ND |
| | 08/28/91 | ND | ND | ND | ND | ND |
| 11/13/91 | ND | ND | ND | ND | ND | |
| 02/25/92 | ND | ND | ND | ND | ND | |
| 05/12/92 | NS | NS | NS | NS | NS | |

Table 2 (continued)
Groundwater Analytical Data
 Low-Boiling Hydrocarbons

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Date Sampled | Gasoline (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|-------------|--------------|----------------|---------------|---------------|--------------------|---------------|
| MW-10* | 03/02/89 | 1,000 | 140 | 36 | ND | 77 |
| | 04/04/89 | 3,300 | 760 | 240 | 46 | 630 |
| | 05/01/89 | 680 | 99 | 24 | 8.1 | 32 |
| | 06/01/89 | 1,400 | 120 | 39 | ND | 45 |
| | 06/29/89 | 1,300 | 51 | 1.4 | 6.1 | 91 |
| | 08/09/89 | 860 | 310 | 26 | 45 | 82 |
| | 09/07/89 | 390 | 55 | 2.9 | 4.0 | 18 |
| | 10/10/89 | 460 | 85 | 7.6 | 10 | 45 |
| | 10/26/89 | 270 | 20 | 1.4 | 3.5 | 9.3 |
| | 12/20/89 | ND | 5.7 | ND | ND | ND |
| | 01/18/90 | NA | NA | NA | NA | NA |
| | 06/90 | Well Destroyed | | | | |
| MW-11 | 03/02/89 | ND | ND | ND | ND | ND |
| | 04/04/89 | ND | ND | ND | ND | ND |
| | 05/01/89 | ND | ND | ND | ND | ND |
| | 11/20/90 | ND | ND | ND | ND | ND |
| | 05/31/89 | ND | ND | ND | ND | ND |
| | 06/28/89 | ND | ND | ND | ND | ND |
| | 08/08/89 | ND | ND | ND | ND | ND |
| | 09/07/89 | ND | ND | ND | ND | ND |
| | 10/09/89 | ND | ND | ND | ND | ND |
| | 10/24/89 | ND | ND | ND | ND | ND |
| | 12/20/89 | ND | ND | ND | ND | ND |
| | 01/18/90 | ND | ND | ND | ND | ND |
| | 02/26/90 | ND | ND | ND | ND | ND |
| | 06/04/90 | ND | ND | ND | ND | ND |
| | 11/20/90 | ND | ND | ND | ND | ND |
| | 02/11/91 | ND | ND | ND | ND | ND |
| | 05/06/91 | ND | ND | ND | ND | ND |
| 08/28/91 | ND | ND | ND | ND | 1 | |
| 11/15/91 | ND | ND | ND | ND | ND | |
| 02/25/92 | ND | ND | ND | ND | ND | |
| 05/12/92 | NS | NS | NS | NS | NS | |
| MW-12 | 03/02/89 | ND | ND | ND | ND | ND |
| | 04/04/89 | ND | ND | ND | ND | ND |
| | 05/01/89 | ND | ND | ND | ND | ND |
| | 06/01/89 | ND | ND | ND | ND | ND |
| | 06/29/89 | ND | ND | ND | ND | ND |
| | 08/09/89 | ND | ND | ND | ND | ND |
| | 09/07/89 | ND | ND | ND | ND | ND |
| | 10/09/89 | ND | ND | ND | ND | ND |
| | 10/24/89 | ND | ND | ND | ND | ND |
| | 12/20/89 | ND | ND | ND | ND | ND |
| | 01/18/90 | ND | ND | ND | ND | ND |

Table 2 (continued)
Groundwater Analytical Data
 Low-Boiling Hydrocarbons

Former Shell Service Station
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

| Well Number | Date Sampled | Gasoline (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|------------------|--------------|----------------|---------------|---------------|--------------------|---------------|
| MW-12 (cont.) | 02/26/90 | ND | ND | ND | ND | ND |
| | 06/04/90 | ND | ND | ND | ND | ND |
| | 11/20/90 | ND | ND | ND | ND | ND |
| | 02/12/91 | ND | ND | ND | ND | ND |
| | 05/06/91 | ND | ND | ND | ND | ND |
| | 08/28/91 | ND | ND | ND | ND | 1 |
| | 11/13/91 | ND | ND | ND | ND | ND |
| | 02/25/92 | ND | ND | ND | ND | ND |
| | 05/12/92 | NS | NS | NS | NS | NS |
| MW-13 | 05/06/91 | 1,100 | 430 | 30 | 41 | 130 |
| | 08/28/91 | 1,000 | 350 | 6.4 | 44 | 43 |
| | 11/13/91 | 680 | 320 | 5.6 | 38 | 17 |
| | 02/25/92 | 780 | 260 | 3.5 | 26 | 15 |
| | 05/12/92 | 660 | 210 | 3.5 | 26 | 5.8 |
| RW-1 | 12/09/89 | 6,800 | 740 | 5 | 11 | 37 |
| | 01/13/89 | 10,000 | 3,200 | 27 | 60 | ND |
| | 02/10/89 | 6,000 | 2,800 | ND | ND | ND |
| | 03/02/89 | 3,900 | 2,400 | ND | ND | ND |
| | 04/05/89 | 1,700 | 1,000 | ND | 9 | ND |
| | 05/01/89 | 900 | 390 | 5 | 10 | ND |
| | 06/01/89 | 1,100 | 1.4 | 3.3 | ND | 13 |
| | 6/30/89 | 1,400 | ND | ND | ND | ND |
| | 08/09/89 | 7,500 | 1,700 | 210 | 280 | 300 |
| | 09/11/89 | 97 | 1.7 | 2.1 | 2.3 | 14 |
| | 10/10/89 | 1,400 | 48 | 4.5 | ND | 3 |
| | 10/25/89 | 820 | 51 | 1.2 | 25 | 3 |
| | 12/21/89 | 490 | 16 | 1 | 8.5 | 19 |
| | 01/17/90 | ND | 27 | 1.7 | 14 | 1.6 |
| | 02/23/90 | 420 | 42 | 1.8 | 13 | 2.7 |
| | 06/04/90 | 180 | 23 | 0.7 | 5.3 | 1.2 |
| 11/20/90 | 1,900 | 170 | 52 | 29 | 38 | |
| 02/11/91 | NS | NS | NS | NS | NS | |

ppb = Parts per billion
 ND = Not detected
 NA = Not analyzed
 NR = Not requested
 NS = Not sampled
 See certified analytical results for detection limits.

**Table 3
Field Purging and Sampling Data**

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

Sample Date: May 12, 1992

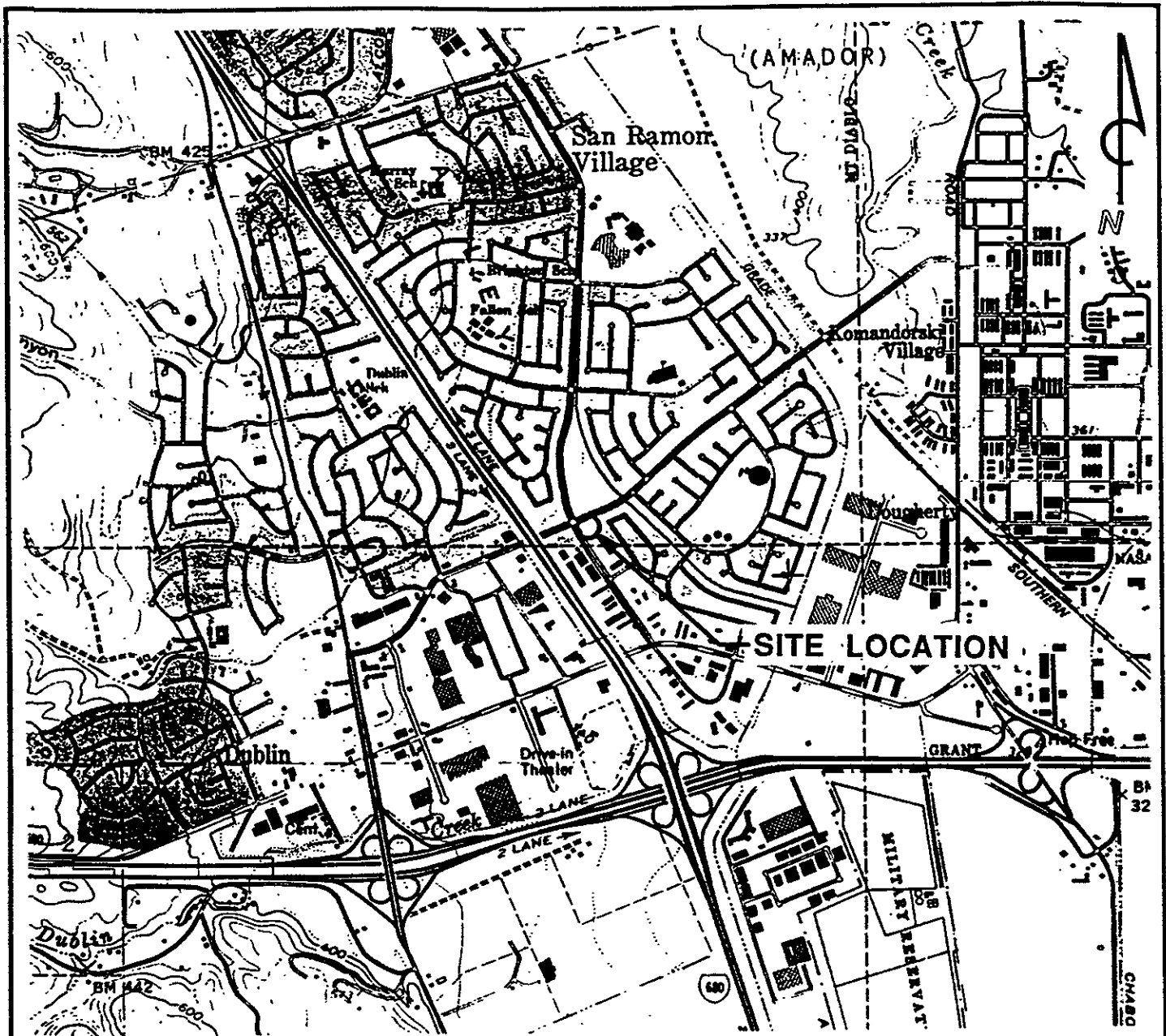
| Depth of Well | Depth to Water (feet) | Depth to Liquid (feet) | pH | Temperature (°F) | Conductivity | Turbidity (NTU) | Purge Volumes (gallons) | Time of Purging | Time of Sampling |
|-------------------------------------|-----------------------|------------------------|------|------------------|-----------------------|-----------------|-------------------------|-----------------|------------------|
| Well MW-1 | | | | | | | | | |
| 25.1 | 8.64 | - | 6.87 | 66.0 | 1468 | >1,000 | 11.0 | 13:39 | 14:14 |
| | | | 7.09 | 64.7 | 1943 | >1,000 | 22.0 | 13:56 | |
| | | | 6.98 | 64.4 | 2100 | >1,000 | 33.0 | 14:06 | |
| Purge Method: Bailer | | | | | Sample Method: Bailer | | | | |
| Well MW-2 | | | | | | | | | |
| 24.5 | 10.97 | - | 6.91 | 67.8 | 6330 | 123 | 9.0 | 15:23 | 15:58 |
| | | | 6.95 | 66.9 | 6370 | 197 | 18.0 | 15:37 | |
| | | | 6.89 | 66.7 | 6320 | 153 | 22.0 | 15:50 | |
| Purge Method: Bailer | | | | | Sample Method: Bailer | | | | |
| Well MW-3 | | | | | | | | | |
| 24.3 | 10.49 | - | 6.92 | 69.3 | 2850 | 99.1 | 9.0 | 14:47 | 15:10 |
| | | | 6.91 | 68.3 | 2710 | 82.5 | 19.0 | 14:55 | |
| | | | 6.87 | 67.4 | 2690 | 78.7 | 28.0 | 15:03 | |
| Purge Method: Bailer | | | | | Sample Method: Bailer | | | | |
| Well MW-5 | | | | | | | | | |
| 44.8 | 8.66 | - | 6.68 | 68.9 | 4130 | >1,000 | 24.0 | 11:07 | 11:28 |
| | | | 6.71 | 66.3 | 1863 | low | 47.0 | | |
| | | | 6.84 | 69.3 | 1873 | low | 70.5 | | |
| Purge Method: Bailer | | | | | Sample Method: Bailer | | | | |
| Note: Well MW-6 dry at 28.0 gallons | | | | | | | | | |

**Table 3 (continued)
Field Purging and Sampling Data**

Former Shell Service Station
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

Sample Date: May 12, 1992

| Depth of Well | Depth to Water (feet) | Depth to Liquid (feet) | pH | Temperature (°F) | Conductivity | Turbidity (NTU) | Purge Volumes (gallons) | Time of Purging | Time of Sampling |
|------------------------------------|-----------------------|------------------------|------|------------------|-----------------------|-----------------|-------------------------|-----------------|------------------|
| Well MW-6 | | | | | | | | | |
| 22.9 | 9.13 | - | 6.65 | 71.0 | 3750 | 717 | 9.0 | 1400 | 1425 |
| | | | 6.83 | 67.8 | 3620 | 719 | 18.0 | 1406 | |
| | | | 6.82 | 67.4 | 3590 | 32.3 | 27.0 | 1415 | |
| Purge Method: Bailer | | | | | Sample Method: Bailer | | | | |
| Well MW-13 | | | | | | | | | |
| 17.1 | 9.16 | - | 6.86 | 66.9 | 3640 | 44.2 | 5.0 | 1249 | 1305 |
| | | | 6.89 | 65.8 | 3430 | 81.9 | 11.0 | 1253 | |
| | | | 6.98 | 65.1 | 3170 | 88.1 | 16.0 | 1259 | |
| Purge Method: Bailer | | | | | Sample Method: Bailer | | | | |
| NTU = Nephelometric turbidity unit | | | | | | | | | |

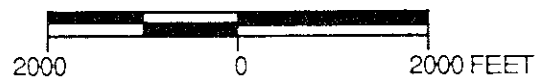


QUADRANGLE LOCATION

REFERENCES:

USGS 7.5 MIN. TOPOGRAPHIC MAP
 TITLED: DUBLIN, CALIFORNIA
 DATED: 1961 REVISED: 1980

SCALE

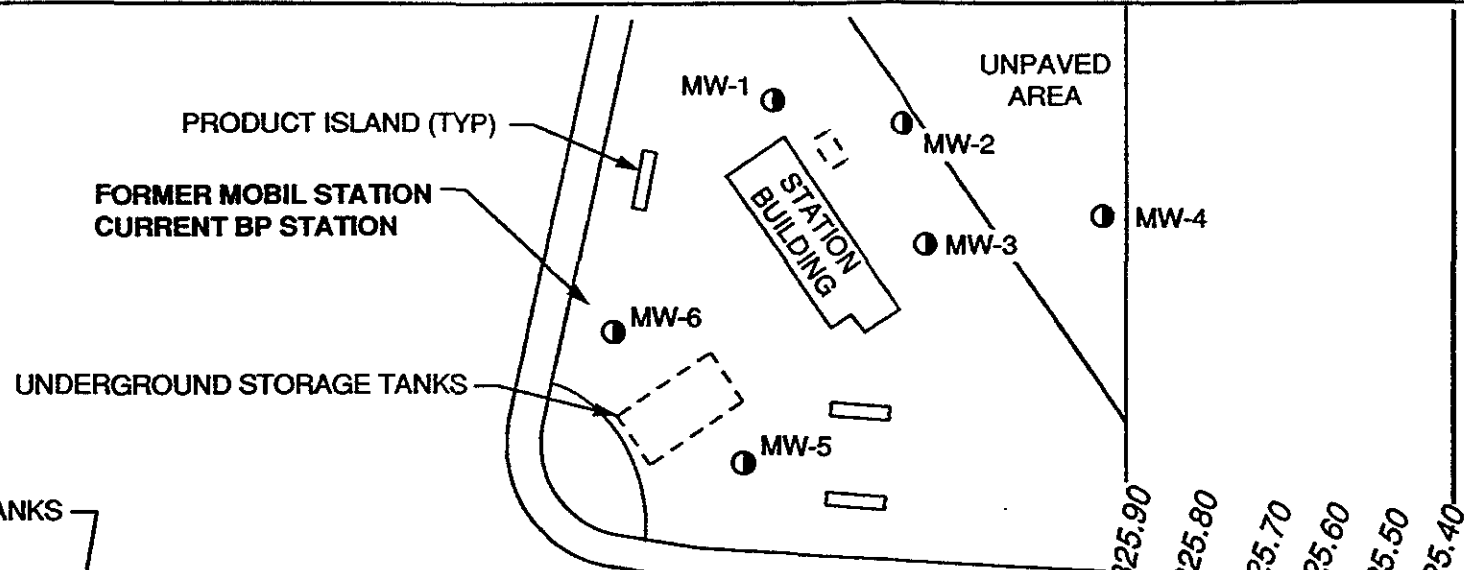
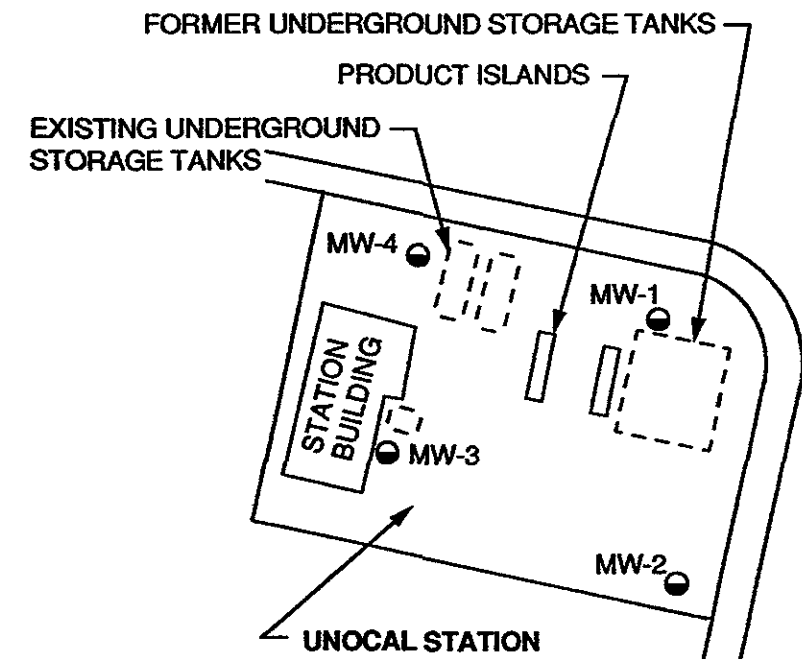
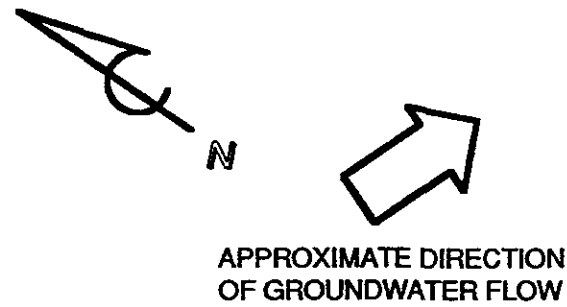


PACIFIC ENVIRONMENTAL GROUP, INC.

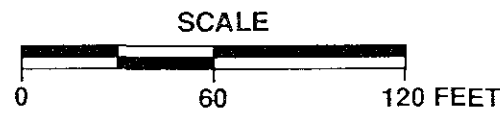
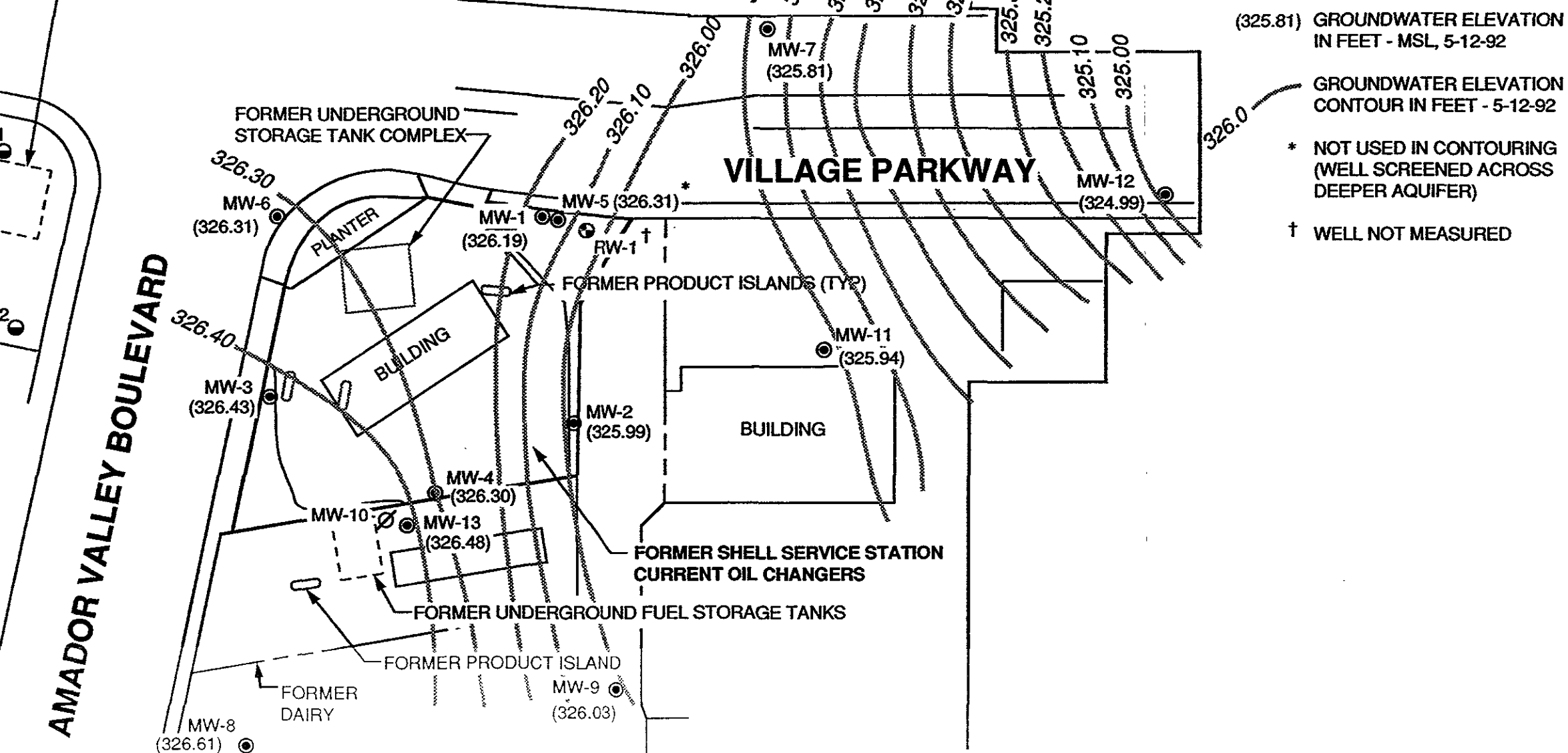
FORMER SHELL SERVICE STATION
 7194 Amador Valley Boulevard at Village Parkway
 Dublin, California

SITE LOCATION MAP

FIGURE 1
 PROJECT 305-87.01



- LEGEND**
- MW-1 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
 - MW-1 ○ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (UNOCAL)
 - MW-1 ⊙ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (BP)
 - RW-1 ⊕ GROUNDWATER EXTRACTION WELL LOCATION AND DESIGNATION
 - MW-10 ∅ DESTROYED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION



FORMER SHELL SERVICE STATION
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

GROUNDWATER CONTOUR MAP

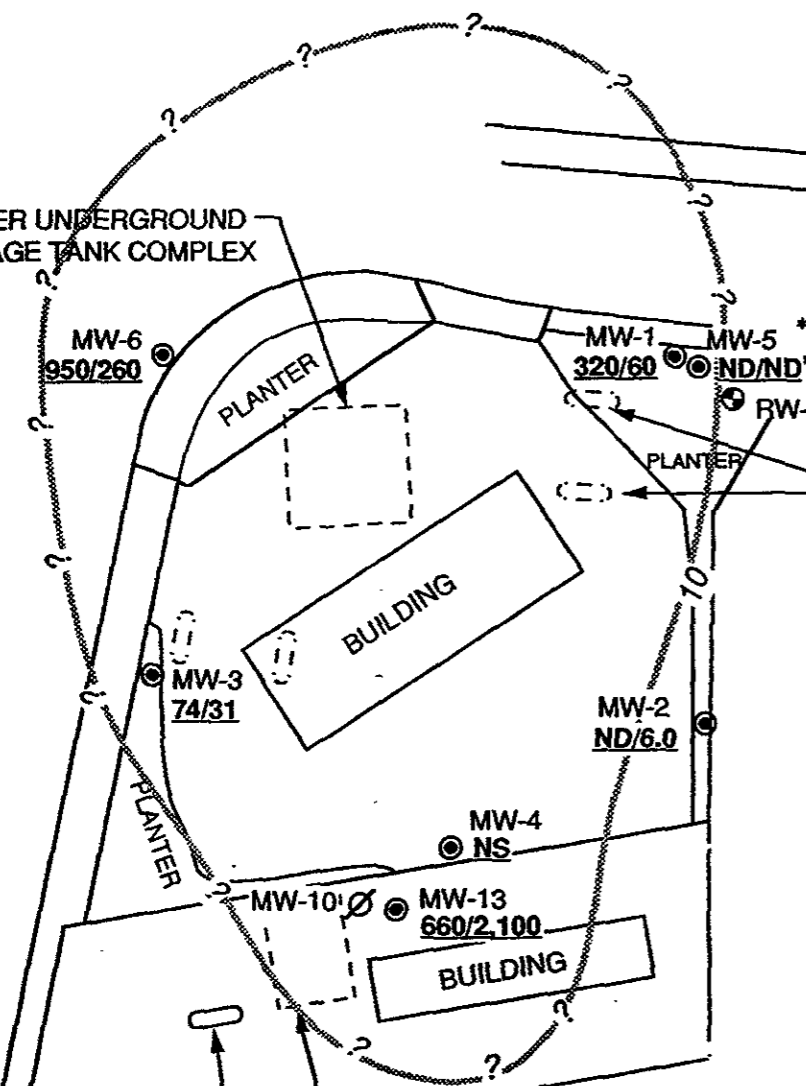
FIGURE:
2
PROJECT:
305-87.01



AMADOR VALLEY BOULEVARD

VILLAGE PARKWAY

FORMER UNDERGROUND STORAGE TANK COMPLEX



MW-7
NS

MW-12
NS

MW-6
950/260

MW-1
320/60

MW-5
ND/ND

MW-3
74/31

MW-2
ND/6.0

MW-4
NS

MW-10
Ø

MW-13
660/2,100

MW-8
NS

MW-9
NS

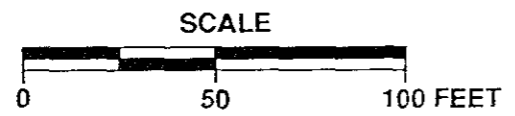
MW-11
NS

- LEGEND**
- MW-1 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
 - RW-1 ● GROUNDWATER EXTRACTION WELL LOCATION AND DESIGNATION
 - MW-10 Ø DESTROYED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
 - 74/31 GASOLINE/BENZENE CONCENTRATION IN GROUNDWATER, IN PARTS PER BILLION (ppb), 5-12-92
 - 10 BENZENE ISOCONCENTRATION CONTOUR IN ppb, 5-12-92
 - ND** NOT DETECTED
 - NS** NOT SAMPLED
 - * NOT USED IN CONTOURING (WELL SCREENED ACROSS DEEPER AQUIFER)
 - † WELL NOT SAMPLED

APPROXIMATE DIRECTION OF GROUNDWATER FLOW



PACIFIC ENVIRONMENTAL GROUP, INC.



FORMER SHELL SERVICE STATION
7194 Amador Valley Boulevard at Village Parkway
Dublin, California

GASOLINE/BENZENE CONCENTRATION MAP

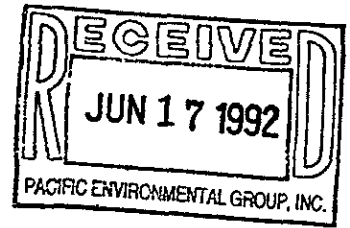
FIGURE:
3
PROJECT:
305-87.01

ATTACHMENT A
GROUNDWATER SAMPLING REPORT



EMCON
ASSOCIATES

Consultants in Wastes
Management and
Environmental Control



June 15, 1992
Project: G67-66.01
WIC#: 204-2217-0105

Mr. Gerald O'Regan
Pacific Environmental Group, Inc.
1601 Civic Center Drive, Suite 202
Santa Clara, California 95050

Re: Second quarter 1992 ground-water monitoring report, Shell Oil
Company, 7194 Amador Valley Boulevard, Dublin, California

Dear Mr. O'Regan:

This letter presents the results of the second quarter 1992 ground-water monitoring event for the Shell Oil Company (Shell) site located at 7194 Amador Valley Boulevard, Dublin, California. Second quarter monitoring was conducted on May 12, 1992. The site is monitored quarterly; selected wells are sampled semiannually in February and August.

GROUND-WATER LEVEL SURVEY

A water-level survey preceded the purging and sampling of the monitoring wells. The wells included in the survey are identified in figure 1 (supplied by Pacific Environmental Group, Inc.). During the survey, wells MW-1 through MW-9, MW-11, MW-12, and MW-13 were measured for depth to water, floating product thickness, and total depth. Depth to water and floating product thickness were measured to the nearest 0.01 foot with an oil/water interface probe. No floating product was observed in any wells. Total depth was measured to the nearest 0.1 foot. Results of the second quarter water-level survey, and available data from four previous surveys, are summarized in table 1.

SAMPLING AND ANALYSIS

Ground-water samples were collected from wells MW-1, MW-2, MW-3, MW-5, MW-6, and MW-13 on May 12, 1992. Prior to sample collection, the wells were purged with polyvinyl chloride bailers. During the purging operation, ground water was monitored for pH, electrical conductivity, and temperature as a function of volume of water removed. Purging continued until these parameters were stable and a minimum of three casing volumes of ground water were removed. Well MW-5 was evacuated to dryness before the removal of three casing volumes. The well was allowed to recharge for up to 24 hours. Samples were collected after the well had recharged to a level sufficient for sample collection. Field measurements from second quarter monitoring, and available measurements

G676601B DOC



from four previous monitoring events, are summarized in table 1. Purge water from the monitoring wells was contained in 55-gallon drums. The drums were identified with Shell-approved labels and secured for on-site storage.

Ground-water samples were collected with a Teflon® bailer, labeled, placed on ice, and transported to a Shell-approved and state-certified analytical laboratory for analysis. Shell chain-of-custody documents accompanied all samples to the laboratory.

All equipment that was placed down a well or that came in contact with ground water was steam cleaned with deionized water prior to use at each well.

Quality control samples for second quarter monitoring included a trip blank. All water samples collected during second quarter monitoring were analyzed for total petroleum hydrocarbons as gasoline (TPH-g), and benzene, toluene, ethylbenzene, and total xylenes (BTEX).

ANALYTICAL RESULTS

Analytical results for the second quarter 1992 monitoring event, and available results from four previous monitoring events, are summarized in table 2. The original certified analytical report and chain-of-custody document are attached.

If you have any questions, please call.

Very truly yours,

EMCON Associates



David Larsen
Environmental Sampling Coordinator



Orrin Childs
Environmental Sampling Supervisor

DL/OC dl

Attachments: Table 1 - Monitoring well field measurement data
Table 2 - Summary of analytical results
Figure 1 - Monitoring well locations
Certified analytical report
Chain-of-custody document

Table 1
Monitoring Well Field Measurement Data
Second Quarter 1992

Shell Station, 7194 Amador Valley Boulevard
 Dublin, California
 WIC #: 204-2217-0105

Date: 08/18/92
 Project Number: Q87-88.01

| Well Designation | Water Level Field Date | TOC Elevation (ft-MSL) | Depth to Water (feet) | Ground-water Elevation (ft-MSL) | Total Well Depth (feet) | Floating Product Thickness (feet) | Water Sample Field Date | pH (std. units) | Electrical Conductivity (micromhos/cm) | Temperature (degrees F) | Turbidity (NTU) |
|------------------|------------------------|------------------------|-----------------------|---------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------|--|-------------------------|-----------------|
| MW-1 | 02/12/91 | 334.83 | 9.51 | 325.32 | NR | NR | 02/12/91 | NR | NR | NR | NR |
| MW-1 | 05/06/91 | 334.83 | 8.34 | 326.49 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-1 | 08/28/91 | 334.83 | 9.28 | 325.55 | 25.26 | NR | 08/28/91 | 6.21 | 490 | 24* | NR |
| MW-1 | 02/25/92 | 334.83 | 7.49 | 327.34 | 25.1 | ND | 02/25/92 | 6.84 | 1873 | 69.3 | >200 |
| MW-1 | 05/12/92 | 334.83 | 8.64 | 328.19 | 25.1 | ND | 05/12/92 | 6.98 | 2100 | 64.4 | >1000 |
| MW-2 | 02/12/91 | 336.96 | 11.64 | 325.32 | NR | NR | 02/12/91 | NR | NR | NR | NR |
| MW-2 | 05/06/91 | 336.96 | 10.05 | 326.91 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-2 | 08/28/91 | 336.96 | 11.16 | 325.80 | 24.63 | NR | 08/28/91 | 6.83 | 2380 | 23* | NR |
| MW-2 | 02/25/92 | 336.96 | 9.66 | 327.30 | 24.5 | ND | 02/25/92 | 6.68 | 8810 | 67.1 | >200 |
| MW-2 | 05/12/92 | 336.96 | 10.97 | 325.99 | 24.5 | ND | 05/12/92 | 6.89 | 6320 | 66.7 | 153 |
| MW-3 | 02/12/91 | 336.96 | 11.16 | 325.80 | NR | NR | 02/12/91 | NR | NR | NR | NR |
| MW-3 | 05/06/91 | 336.93 | 9.85 | 327.08 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-3 | 08/28/91 | 336.93 | 10.90 | 326.03 | 24.35 | NR | 08/28/91 | 6.16 | 1220 | 23* | NR |
| MW-3 | 02/25/92 | 336.93 | 9.04 | 327.89 | 24.3 | ND | 02/25/92 | 6.87 | 3030 | 65.3 | >200 |
| MW-3 | 05/12/92 | 336.93 | 10.50 | 326.43 | 24.3 | ND | 05/12/92 | 6.87 | 2690 | 67.4 | 78.7 |
| MW-4 | 02/12/91 | 337.14 | 11.50 | 325.64 | NR | NR | 02/12/91 | NR | NR | NR | NR |
| MW-4 | 05/06/91 | 337.14 | 10.04 | 327.10 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-4 | 08/28/91 | 337.14 | 11.18 | 325.96 | 24.87 | NR | 08/28/91 | 7.04 | 1880 | 24* | NR |
| MW-4 | 02/25/92 | 337.14 | 9.45 | 327.69 | 24.8 | ND | 02/25/92 | 6.79 | 6300 | 63.7 | >200 |
| MW-4 | 05/12/92 | 337.14 | 10.84 | 326.30 | 24.8 | ND | 05/12/92 | NA | NA | NA | NA |

TOC = top of casing
 ft-MSL = elevation in feet, relative to mean sea level
 std. units = standard pH units
 micromhos/cm = micromhos per centimeter
 degrees F = degrees Fahrenheit
 NTU = nephelometric turbidity units
 NR = Not reported, data not available
 * = Temperature measured in degrees centigrade
 ND = None detected
 NA = Not analyzed; well was not sampled for chemical analysis

Table 1
Monitoring Well Field Measurement Data
Second Quarter 1992

Shell Station: 7194 Amador Valley Boulevard
Dublin, California
WIC #: 204-2217-0105

Date: 08/16/92
Project Number: G67-66.01

| Well Desig- nation | Water Level Field Date | TOC Elevation (ft-MSL) | Depth to Water (feet) | Ground- water Elevation (ft-MSL) | Total Well Depth (feet) | Floating Product Thickness (feet) | Water Sample Field Date | pH (std. units) | Electrical Conductivity (micromhos/cm) | Temperature (degrees F) | Turbidity (NTU) |
|--------------------------|---------------------------------|------------------------------|--------------------------------|---|----------------------------------|--|----------------------------------|------------------------|--|--------------------------------|------------------------|
| MW-5 | 02/11/91 | 334.96 | 9.27 | 325.69 | NR | NR | 02/11/91 | NR | NR | NR | NR |
| MW-5 | 05/06/91 | 334.96 | 7.90 | 327.06 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-5 | 08/28/91 | 334.96 | 9.28 | 325.68 | 44.84 | NR | 08/28/91 | 6.65 | 1520 | 23* | NR |
| MW-5 | 02/25/92 | 334.96 | 9.02 | 325.94 | 44.8 | ND | 02/25/92 | 7.10 | 8220 | 64.9 | >200 |
| MW-5 | 05/12/92 | 334.96 | 8.65 | 326.31 | 44.8 | ND | 05/12/92 | 6.48 | 4690 | 67.9 | >1000 |
| MW-6 | 02/12/91 | 335.42 | 9.85 | 325.57 | NR | NR | 02/12/91 | NR | NR | NR | NR |
| MW-6 | 05/06/91 | 335.42 | 9.12 | 326.30 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-6 | 08/28/91 | 335.42 | 9.68 | 325.74 | 22.95 | NR | 08/28/91 | 6.52 | 1220 | 23* | NR |
| MW-6 | 02/25/92 | 335.42 | 8.44 | 326.98 | 23.4 | ND | 02/25/92 | 6.82 | 5090 | 66.9 | >200 |
| MW-6 | 05/12/92 | 335.42 | 9.11 | 326.31 | 22.9 | ND | 05/12/92 | 6.82 | 3590 | 67.4 | 323 |
| MW-7 | 02/11/91 | 333.23 | 8.04 | 325.19 | NR | NR | 02/11/91 | NR | NR | NR | NR |
| MW-7 | 05/06/91 | 333.23 | 6.37 | 326.86 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-7 | 08/28/91 | 333.23 | 7.94 | 325.29 | 16.32 | NR | 02/28/91 | 7.95 | 1890 | 25* | NR |
| MW-7 | 02/25/92 | 333.23 | 6.99 | 326.24 | 16.2 | ND | 02/25/92 | 7.04 | 6010 | 79.4 | >200 |
| MW-7 | 05/12/92 | 333.23 | 7.42 | 325.81 | 16.5 | ND | 05/12/92 | NA | NA | NA | NA |
| MW-8 | 02/11/91 | 335.80 | 9.40 | 326.40 | NR | NR | 02/11/91 | NR | NR | NR | NR |
| MW-8 | 05/06/91 | 335.80 | 8.70 | 327.10 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-8 | 08/28/91 | 335.80 | 9.68 | 326.12 | 16.25 | NR | 08/28/91 | 6.35 | 1940 | 25* | NR |
| MW-8 | 02/25/92 | 335.80 | 7.45 | 328.35 | 16.2 | ND | 02/25/92 | 6.75 | 6640 | 87.7 | >200 |
| MW-8 | 05/12/92 | 335.80 | 9.19 | 326.61 | 16.2 | ND | 05/12/92 | NA | NA | NA | NA |

TOC = top of casing

ft-MSL = elevation in feet, relative to mean sea level

std. units = standard pH units

micromhos/cm = micromhos per centimeter

degrees F = degrees Fahrenheit

NTU = nephelometric turbidity units

NR = Not reported; data not available

* = Temperature measured in degrees centigrade

ND = None detected

NA = Not analyzed; well was not sampled for chemical analysis

Table 1
Monitoring Well Field Measurement Data
Second Quarter 1992

Shell Station: 7194 Amador Valley Boulevard
 Dublin, California
 WIC #: 204-2217-0105

Date: 08/16/92
 Project Number: G87-86.01

| Well Design- nation | Water Level Field Date | TOC Elevation (ft-MSL) | Depth to Water (feet) | Ground- water Elevation (ft-MSL) | Total Well Depth (feet) | Floating Product Thickness (feet) | Water Sample Field Date | pH (std. units) | Electrical Conductivity (micromhos/cm) | Temperature (degrees F) | Turbidity (NTU) |
|---------------------------|---------------------------------|----------------------------------|------------------------------------|---|--------------------------------------|--|----------------------------------|----------------------------|--|------------------------------------|----------------------------|
| | | | | | | | | | | | |
| MW-9 | 02/11/91 | 334.57 | 9.85 | 324.72 | NR | NR | 02/11/91 | NR | NR | NR | NR |
| MW-9 | 05/06/91 | 334.57 | 10.05 | 324.52 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-9 | 08/28/91 | 334.57 | 10.34 | 324.23 | 17.93 | NR | 08/28/91 | 7.00 | 2210 | 24* | NR |
| MW-9 | 02/25/92 | 334.57 | 7.18 | 327.39 | 17.9 | ND | 02/25/92 | 6.79 | 7600 | 68.6 | >200 |
| MW-9 | 05/12/92 | 334.57 | 8.54 | 326.03 | 17.9 | ND | 05/12/92 | NA | NA | NA | NA |
| MW-11 | 02/11/91 | 334.20 | 8.95 | 325.25 | NR | NR | 02/11/91 | NR | NR | NR | NR |
| MW-11 | 05/06/91 | 334.20 | 7.71 | 326.49 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-11 | 08/28/91 | 334.20 | 8.62 | 325.58 | NR | NR | 02/28/91 | NR | NR | NR | NR |
| MW-11 | 02/25/92 | 334.20 | 7.21 | 326.99 | 16.4 | ND | 02/25/92 | 6.77 | 8870 | 69.2 | >200 |
| MW-11 | 05/12/92 | 334.20 | 8.26 | 325.94 | 16.5 | ND | 05/12/92 | NA | NA | NA | NA |
| MW-12 | 02/12/91 | 332.53 | 7.85 | 324.68 | NR | NR | 02/12/91 | NR | NR | NR | NR |
| MW-12 | 05/06/91 | 332.53 | 7.35 | 325.18 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-12 | 08/28/91 | 332.53 | 7.79 | 324.74 | 17.15 | NR | 08/28/91 | 6.15 | 970 | 22* | NR |
| MW-12 | 02/25/92 | 332.53 | 6.14 | 326.39 | 17.2 | ND | 02/25/92 | 6.98 | 2890 | 67.3 | <200 |
| MW-12 | 05/12/92 | 332.53 | 7.54 | 324.99 | 17.2 | ND | 05/12/92 | NA | NA | NA | NA |
| MW-13 | 05/06/91 | 335.64 | 8.37 | 327.27 | NR | NR | 05/06/91 | NR | NR | NR | NR |
| MW-13 | 08/28/91 | 335.64 | 9.82 | 325.82 | 17.13 | NR | 08/28/91 | 6.47 | 1380 | 22* | NR |
| MW-13 | 02/25/92 | 335.64 | 7.66 | 327.98 | 17.0 | ND | 02/25/92 | 6.88 | 5352 | 64.3 | >200 |
| MW-13 | 05/12/92 | 335.64 | 9.16 | 326.48 | 17.1 | ND | 05/12/92 | 6.98 | 3170 | 65.1 | 881 |

TOC = top of casing
 ft-MSL = elevation in feet, relative to mean sea level
 std. units = standard pH units
 micromhos/cm = micromhos per centimeter
 degrees F = degrees Fahrenheit
 NTU = nephelometric turbidity units
 NR = Not reported; data not available
 * = Temperature measured in degrees centigrade
 ND = None detected
 NA = Not analyzed; well was not sampled for chemical analysis

Table 2
Summary of Analytical Results
Second Quarter 1992
 milligrams per liter (mg/l) or parts per million (ppm)

Shell Station· 7194 Amador Valley Boulevard
 Dublin, California
 WIC #· 204-2217-0105

Date: 06/12/92
 Project Number: G67-66.01

| Sample Designation | Water Sample Field Date | TPH-g | Benzene | Toluene | Ethylbenzene | Total Xylenes |
|--------------------|-------------------------|--------|---------|---------|--------------|---------------|
| | | (mg/l) | (mg/l) | (mg/l) | (mg/l) | (mg/l) |
| MW-1 | 02/12/91 | 1.5 | 0.180 | 0.039 | 0.0820 | 0.110 |
| MW-1 | 05/06/91 | 0.51 | 0.041 | 0.011 | 0.025 | 0.035 |
| MW-1 | 08/28/91 | 0.45 | 0.041 | 0.016 | 0.024 | 0.034 |
| MW-1 | 02/25/92 | 0.24 | 0.024 | 0.0092 | 0.014 | 0.020 |
| MW-1 | 05/12/92 | 0.32 | 0.060 | 0.025 | 0.029 | 0.041 |
| MW-2 | 02/12/91 | 0.13 | 0.014 | <0.0005 | 0.0009 | 0.0005 |
| MW-2 | 05/06/91 | 0.06 | 0.0015 | <0.0005 | 0.005 | <0.0005 |
| MW-2 | 08/28/91 | 0.10 | 0.0063 | <0.0005 | 0.001 | 0.0011 |
| MW-2 | 02/25/92 | <0.05 | 0.0038 | <0.0005 | <0.0005 | <0.0005 |
| MW-2 | 05/12/92 | <0.05 | 0.0060 | <0.0005 | <0.0005 | <0.0005 |
| MW-3 | 02/12/91 | 0.13 | 0.027 | <0.0005 | <0.0005 | <0.0005 |
| MW-3 | 05/06/91 | 0.12 | 0.031 | 0.0008 | 0.0021 | 0.0008 |
| MW-3 | 08/28/91 | 0.34 | 0.087 | 0.0011 | 0.0065 | 0.0038 |
| MW-3 | 02/25/92 | 0.08 | 0.017 | <0.0005 | <0.0005 | <0.0005 |
| MW-3 | 05/12/92 | 0.074 | 0.031 | <0.0005 | 0.0026 | <0.0005 |
| MW-4 | 02/12/91 | 0.13 | 0.048 | <0.0005 | 0.0015 | <0.0005 |
| MW-4 | 05/06/91 | 0.14 | 0.049 | 0.0013 | 0.0041 | 0.0017 |
| MW-4 | 08/28/91 | 0.09 | 0.013 | <0.0005 | 0.001 | 0.0011 |
| MW-4 | 02/25/92 | 0.12 | 0.047 | <0.0005 | 0.0005 | 0.0007 |
| MW-4 | 05/12/92 | NA | NA | NA | NA | NA |

TPH-g = total petroleum hydrocarbons as gasoline
 NA = Not analyzed, well was not sampled for chemical analysis

Table 2
 Summary of Analytical Results
 Second Quarter 1992
 milligrams per liter (mg/l) or parts per million (ppm)

Shell Station: 7194 Amador Valley Boulevard
 Dublin, California
 WIC #: 204-2217-0105

Date: 06/12/92
 Project Number: G87-88.01

| Sample Designation | Water Sample Field Date | TPH-g | Benzene | Toluene | Ethyl-benzene | Total Xylenes |
|--------------------|-------------------------|--------|---------|---------|---------------|---------------|
| | | (mg/l) | (mg/l) | (mg/l) | (mg/l) | (mg/l) |
| MW-5 | 02/11/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-5 | 05/06/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-5 | 08/28/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | 0.001 |
| MW-5 | 02/25/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-5 | 05/12/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-6 | 02/12/91 | 0.55 | 0.065 | 0.010 | 0.033 | 0.0160 |
| MW-6 | 05/06/91 | 0.55 | 0.072 | 0.011 | 0.038 | 0.023 |
| MW-6 | 08/28/91 | 0.58 | 0.082 | 0.0076 | 0.028 | 0.0200 |
| MW-6 | 02/25/92 | 0.40 | 0.052 | 0.0066 | 0.018 | 0.011 |
| MW-6 | 05/12/92 | 0.95 | 0.26 | 0.036 | 0.012 | 0.049 |
| MW-7 | 02/11/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-7 | 05/06/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-7 | 02/28/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-7 | 02/25/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-7 | 05/12/92 | NA | NA | NA | NA | NA |
| MW-8 | 02/11/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-8 | 05/06/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-8 | 08/28/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-8 | 02/25/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-8 | 05/12/92 | NA | NA | NA | NA | NA |

TPH-g = total petroleum hydrocarbons as gasoline

NA = Not analyzed; well was not sampled for chemical analysis

Table 2
Summary of Analytical Results
Second Quarter 1992
 milligrams per liter (mg/l) or parts per million (ppm)

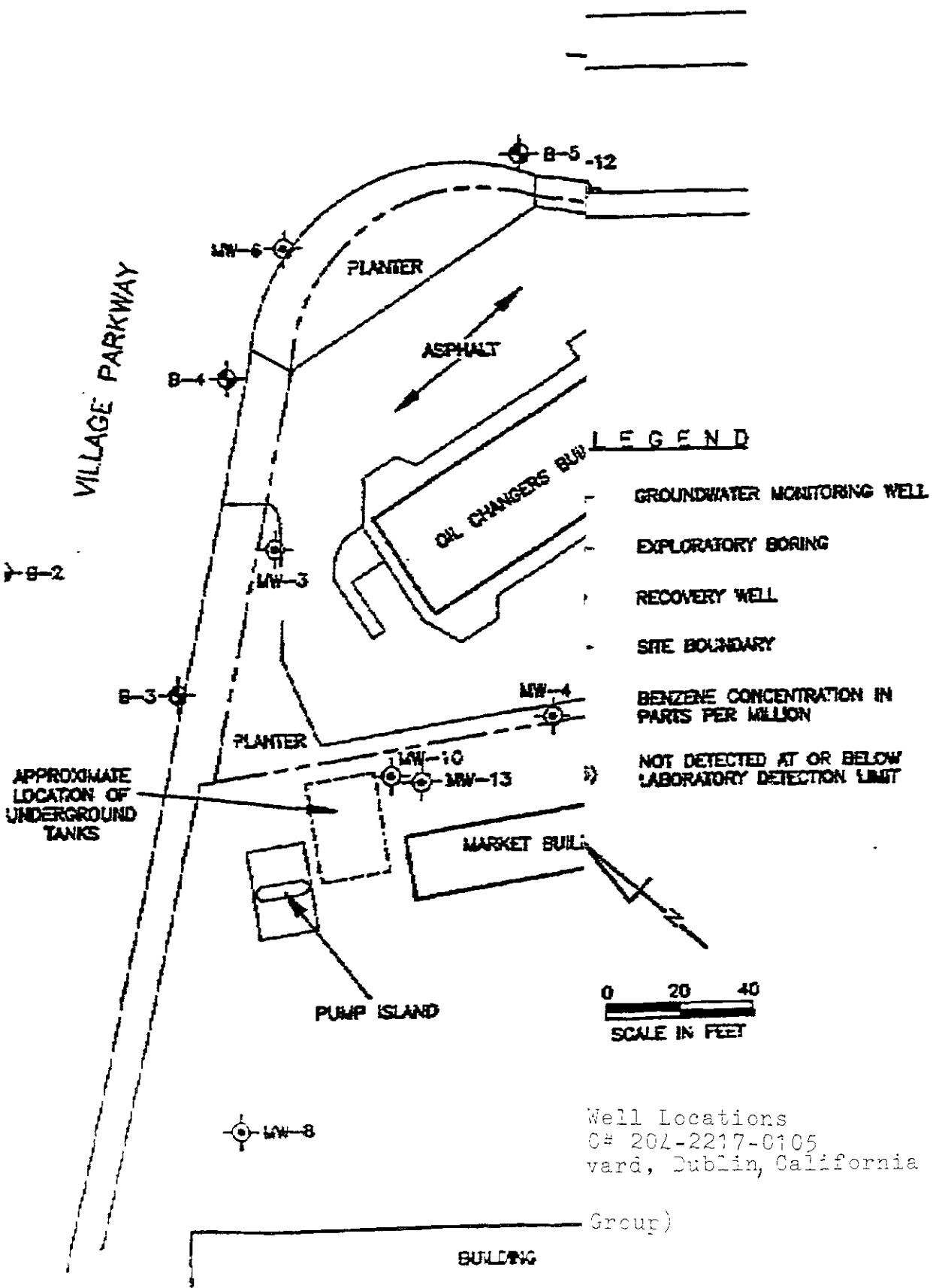
Shell Station: 7194 Amador Valley Boulevard
 Dublin, California
 WIC #: 204-2217-0105

Date: 06/12/92
 Project Number: G67-88.01

| Sample Design- nation | Water Sample Field Date | TPH-g | Benzene | Toluene | Ethyl- benzene | Total Xylenes |
|-----------------------------|----------------------------------|--------|---------|---------|-------------------|------------------|
| | | (mg/l) | (mg/l) | (mg/l) | (mg/l) | (mg/l) |
| MW-9 | 02/11/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-9 | 05/08/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-9 | 08/28/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-9 | 02/25/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-9 | 05/12/92 | NA | NA | NA | NA | NA |
| MW-11 | 02/11/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-11 | 05/06/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-11 | 02/28/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.001 |
| MW-11 | 02/25/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-11 | 05/12/92 | NA | NA | NA | NA | NA |
| MW-12 | 02/12/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-12 | 05/06/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-12 | 08/28/91 | <0.05 | <0.0005 | <0.0005 | <0.0005 | 0.001 |
| MW-12 | 02/25/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW-12 | 05/12/92 | NA | NA | NA | NA | NA |
| MW-13 | 05/06/91 | 1.1 | 0.43 | 0.03 | 0.041 | 0.13 |
| MW-13 | 08/28/91 | 1.0 | 0.35 | 0.0064 | 0.044 | 0.043 |
| MW-13 | 02/25/92 | 0.78 | 0.26 | 0.0035 | 0.026 | 0.015 |
| MW-13 | 05/12/92 | 0.66 | 0.21 | 0.0035 | 0.026 | 0.0058 |
| TB | 02/25/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| TB | 05/12/92 | <0.05 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |

TPH-g = total petroleum hydrocarbons as gasoline

NA = Not analyzed, well was not sampled for chemical analysis



ANAMETRIX INC

Environmental & Analytical Chemistry
 1961 Concourse Drive, Suite E, San Jose, CA 95131
 (408) 432-8192 • Fax (408) 432-8198

**REPORT**

MR. DAVID LARSEN
 EMCON ASSOCIATES
 1938 JUNCTION AVE.
 SAN JOSE, CA 95131

Workorder # : 9205213
 Date Received : 05/14/92
 Project ID : G67-66.01
 Purchase Order: MOH-B813

The following samples were received at Anametrix, Inc. for analysis :

| ANAMETRIX ID | CLIENT SAMPLE ID |
|--------------|------------------|
| 9205213- 1 | MW-1 |
| 9205213- 2 | MW-2 |
| 9205213- 3 | MW-3 |
| 9205213- 4 | MW-5 |
| 9205213- 5 | MW-6 |
| 9205213- 6 | MW-13 |
| 9205213- 7 | TB |

This report consists of 4 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
 Laboratory Director

5-28-92

Date

EMCON ASSOCIATES

JUN 01 1992

RECEIVED

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9205213
Date Received : 05/14/92
Project ID : G67-66.01
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

| ANAMETRIX SAMPLE ID | CLIENT SAMPLE ID | MATRIX | DATE SAMPLED | METHOD |
|------------------------|---------------------|--------|-----------------|-----------|
| 9205213- 1 | MW-1 | WATER | 05/12/92 | TPHg/BTEX |
| 9205213- 2 | MW-2 | WATER | 05/12/92 | TPHg/BTEX |
| 9205213- 3 | MW-3 | WATER | 05/12/92 | TPHg/BTEX |
| 9205213- 4 | MW-5 | WATER | 05/12/92 | TPHg/BTEX |
| 9205213- 5 | MW-6 | WATER | 05/12/92 | TPHg/BTEX |
| 9205213- 6 | MW-13 | WATER | 05/12/92 | TPHg/BTEX |
| 9205213- 7 | TB | WATER | 05/12/92 | TPHg/BTEX |

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. DAVID LARSEN
EMCON ASSOCIATES
1938 JUNCTION AVE.
SAN JOSE, CA 95131

Workorder # : 9205213
Date Received : 05/14/92
Project ID : G67-66.01
Purchase Order: MOH-B813
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for +- samples.

*Paul Hayes
675-6169*

Cheryl Balmer 5/27/92
Department Supervisor Date

Steve Pomeroy 5/27/92
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9205213
Matrix : WATER
Date Sampled : 05/22/92

Project Number : G67-66.01
Date Released : 05/27/92

| Reporting Limit | Sample I.D.# MW-1 | Sample I.D.# MW-2 | Sample I.D.# MW-3 | Sample I.D.# MW-5 | Sample I.D.# MW-6 | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------|
| COMPOUNDS (mg/L) | -01 | -02 | -03 | -04 | -05 | |
| Benzene | 0.0005 | 0.060 | 0.0060 | 0.031 | ND | 0.26 |
| Toluene | 0.0005 | 0.025 | ND | ND | ND | 0.036 |
| Ethylbenzene | 0.0005 | 0.029 | ND | 0.0026 | ND | 0.012 |
| Total Xylenes | 0.0005 | 0.041 | ND | ND | ND | 0.049 |
| TPH as Gasoline | 0.050 | 0.32 | ND | 0.074 | ND | 0.95 |
| % Surrogate Recovery | 100% | 104% | 100% | 101% | 83% | |
| Instrument I.D. | HP21 | HP21 | HP21 | HP21 | HP21 | |
| Date Analyzed | 05/22/92 | 05/22/92 | 05/22/92 | 05/22/92 | 05/22/92 | |
| RLMF | 1 | 1 | 1 | 1 | 10 | |

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
- RLMF - Reporting Limit Multiplication Factor.

Anamatrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Steve Soma 5/27/92
Analyst Date

Cheryl Belmer 5/27/92
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9205213
Matrix : WATER
Date Sampled : 05/22/92

Project Number : G67-66.01
Date Released : 05/27/92

| Reporting Limit | Sample I.D.# MW-13 | Sample I.D.# TB | Sample I.D.# 21B0522A |
|----------------------|-----------------------|--------------------|--------------------------|
| COMPOUNDS (mg/L) | -06 | -07 | BLANK |
| Benzene | 0.0005 | 0.21 | ND |
| Toluene | 0.0005 | 0.0035 | ND |
| Ethylbenzene | 0.0005 | 0.026 | ND |
| Total Xylenes | 0.0005 | 0.0058 | ND |
| TPH as Gasoline | 0.050 | 0.66 | ND |
| % Surrogate Recovery | 99% | 94% | 98% |
| Instrument I.D. | HP21 | HP21 | HP21 |
| Date Analyzed | 05/22/92 | 05/22/92 | 05/22/92 |
| RLMF | 5 | 1 | 1 |

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
- RLMF - Reporting Limit Multiplication Factor.

Anamatrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Steve Lane 5/27/92
Analyst Date

Cheryl Balma 5/27/92
Supervisor Date

Site Address: 7194 Amador Valley Blvd
Dublin, CA

9205213
Analysis Required

LAB: Gramatrix

WIC#: 204-2217-0105

Shell Engineer: Kurt Miller
Phone No. (510) 685-3853
Fax #: 685-3853

Consultant Name & Address: EMCON Assoc.
1938 Junction Ave.
San Jose, CA 95131

Consultant Contact: David Larsen
Phone No. (408) 453-2269
Fax #: 453-2269

Comments: 3-VOCs (incl) for G, BTEX

Sampled By: *Patrick Lacey*
Printed Name: Patrick Lacey

| CHECK ONE (1) BOX ONLY | CT/DT | TURN AROUND T |
|--|-------|--|
| Quarterly Monitoring <input checked="" type="checkbox"/> | 5461 | 24 hours <input type="checkbox"/> |
| Site Investigation <input type="checkbox"/> | 5441 | 48 hours <input type="checkbox"/> |
| Soil for disposal <input type="checkbox"/> | 5442 | 15 days <input checked="" type="checkbox"/> (Non |
| Water for disposal <input type="checkbox"/> | 5443 | Other <input type="checkbox"/> |
| Air Sample- Sys O&M <input type="checkbox"/> | 5452 | NOTE: Notify Lab |
| Water Sample - Sys O&M <input type="checkbox"/> | 5453 | soon as possible of |
| Other <input type="checkbox"/> | | 24/48 hrs. TAT. |

| Sample ID | Date | Soil | Water | Air | No. of conds. | TPH (EPA 8015 Mod. Gas) | TPH (EPA 8015 Mod. Diesel) | BTEX (EPA 8020/602) | Volatile Organics (EPA 8240) | Test for Disposal | Container Size | Preparation Used | Composite Y/N | MATERIAL DESCRIPTION | SAMPLE CONDITION COMMENT |
|-----------|---------|------|-------|-----|---------------|-------------------------|----------------------------|---------------------|------------------------------|-------------------|----------------|------------------|---------------|----------------------|--------------------------|
| | | | | | | | | | | | | | | | |
| MW-1 | 5-12-92 | | X | | 3 | X | | X | | | 40 ml | HCL | No | Cool | |
| MW-2 | | | | | 3 | X | | X | | | | | | | |
| MW-3 | | | | | 3 | X | | X | | | | | | | |
| MW-5 | | | | | 3 | X | | X | | | | | | | |
| MW-6 | | | | | 3 | X | | X | | | | | | | |
| MW-13 | | | | | 3 | X | | X | | | | | | | |
| TB | | | | | 3 | X | | X | | | | | | | |

Relinquished By (signature): *Patrick Lacey*
Printed name: Patrick Lacey
Date: 5-14-92
Time: 10:40

Relinquished By (signature): *D. Larsen*
Printed name: D. Larsen
Date: 5-14-92
Time: 14:50

Relinquished By (signature):
Printed name:
Date:
Time:

Received (signature): *D. Larsen*
Printed name: D. Larsen
Date: 5-14-92
Time: 10:40

Received (signature): *Josephine DeCarli*
Printed name: Josephine DeCarli
Date: 5/14/92
Time: 14:50

Received (signature):
Printed name:
Date:
Time:

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