

Waiting for RBCA

TRC

Customer-Focused Solutions

January 8, 2002

1683 / RO445

Project No. 41-0123

Mr. Barney Chan
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6700

JAN 10 2002

RE: FORMER MOBIL STATION 99-105
6301 SAN PABLO AVENUE
OAKLAND, CALIFORNIA

Dear Mr. Chan:

Please find enclosed the Fourth Quarter 2001 Progress Report for the subject location prepared by TRC for ExxonMobil Oil Company. The contents of this report include:

Quarterly Progress Report Summary Sheet

- Exhibit 1: Sampling Schedule
- Exhibit 2: Summary of Groundwater Levels and Chemical Analysis
- Exhibit 3: Figures 1 through 3 (Vicinity Map, Groundwater Elevations, Dissolved-Phase Hydrocarbon Concentrations)
- Exhibit 4: Benzene vs. Groundwater Elevation Graphs
- Exhibit 5: Well Purging and Groundwater Sampling Protocol
- Exhibit 6: Monitoring Well Sampling Forms
- Exhibit 7: Analytical Laboratory Data Sheets
- Exhibit 8: Waste Disposal Manifest—Third Quarter 2001
- Exhibit 9: Waste Disposal Manifest—Fourth Quarter 2001

If you have any questions regarding this report, please call me at (925) 688-2473. You may also call Mr. Gene Ortega, ExxonMobil Senior Engineer, at (925) 246-8747.

Sincerely,



Jonathan Scheiner
Associate

cc: Mr. Gene Ortega, ExxonMobil Refining and Supply Company, Global Remediation—U.S. Retail Projects
Mr. Chuck Headlee, Regional Water Quality Control Board, San Francisco Bay Region
Ms. Connie Lamb, Property Owner

TRC

Quarterly Progress Report Summary Sheet
Fourth Quarter 2001

Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California

LOP: Alameda County Health Services

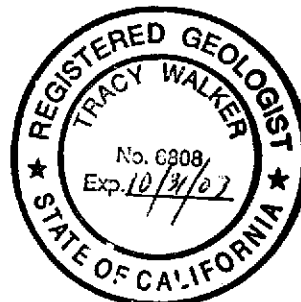
| | | | |
|---|----------|---|---|
| Number of water zones: | 1 | This Page | 1 |
| FIELD ACTIVITY: | | Date Sampled: | 27-Nov-01 |
| Number of groundwater wells on-site: | 3 | Groundwater wells monitored: | 3 |
| Number of groundwater wells off-site: | 0 | Groundwater wells sampled: | 3 |
| | | Groundwater wells with free product: | 0 |
| Phase of Investigation: Vadose Zone: | N/A | Groundwater phase: | Monitor & Sample |
| SITE HYDROGEOLOGY: | | | |
| Approximate depth to ground water below ground surface: | | | 9.97 ft |
| Approximate elevation of potentiometric surface above Mean Sea Level: | | | 29.29 ft |
| Average Increase/Decrease in ground water elevations since last sampling episode: | | Increase: | 0.63 ft |
| Approximate flow direction and hydraulic gradient: | | West at: | 0.06 ft/ft |
| GROUND WATER CONTAMINATION (BENZENE MCL=1.0 ppb): | | | |
| Wells containing free product: | 0 | Range in Thickness of Free Product: | NA |
| Number of wells with concentrations below MCL: | 0 | Volume of Free Product Recovered This Period: | 0 gals |
| Number of wells with concentrations at or above MCL: | 3 | Volume of Free Product Recovered To Date: | 2.65 gals |
| | | Range in Concentrations: | Benzene: 1.2 to 64 ppb TPH-G: ND<50 TO 5,000 ppb |
| Nature of contamination: | Gasoline | | |
| ADDITIONAL INFORMATION: | | | |
| Purged water was transferred to McKittrick Waste Water Treatment Facility. | | | |

Prepared by: Jonathan Scheiner Jonathan Scheiner
Associate

Project No: 41-0123

Approved by: Tracy L. Walker Tracy L. Walker, RG
California RG #6808 Associate

Submittal Date: 1/08/02



TRC

Customer-Focused Solutions

EXHIBIT 1
SAMPLING SCHEDULE

MONITORING WELL SAMPLING SCHEDULE 2001
Former Mobil Station 99-105

| Well Number | First Quarter | Second Quarter | Third Quarter | Fourth Quarter |
|-------------|---------------|----------------|---------------|----------------|
| MW-2 | X | X | X | X |
| MW-3 | X | X | X | X |
| MW-5 | X | X | X | X |

NOTES: X = well scheduled for sampling

EXHIBIT 2

SUMMARY OF GROUNDWATER LEVELS AND CHEMICAL ANALYSIS

Summary of Groundwater Levels and Chemical Analysis

Former Mobil Station 99-105

| Well ID | Date | Top of Casing | Depth to | Groundwater | Product | TPH-G (ppb) | TPH-D (ppb) | Benzene (ppb) | Toluene (ppb) | Ethyl- benzene (ppb) | Total Xylenes (ppb) | MTBE 8020 (ppb) | MTBE 8240 or 8260 (ppb) | TOG (ppb) | Lead (ppb) | Dissolved Oxygen (mg/L) |
|---------|--|---------------------|--|---------------------|---------------------|----------------|----------------|------------------|------------------|----------------------------|---------------------------|-----------------------|-------------------------------|--------------|---------------|-------------------------------|
| | | Elevation (feet) | Water (feet) | Elevation (feet) | Thickness (feet) | | | | | | | | | | | |
| TW-1 | 01/04/96 | — | 6.00 | — | 0.00 | ND | 700 | ND | ND | ND | ND | — | — | — | — | — |
| VW-1 | 01/04/96 | — | 3.00 | — | 0.00 | ND | — | ND | ND | ND | ND | — | — | ND | — | — |
| MW-1 | 03/14/96 | 32.79 | 4.50 | 28.29 | 0.00 | 610 | 450 | 0.75 | 0.54 | 1.5 | 59 | — | — | — | ND | — |
| MW-1 | 05/21/96 | 32.79 | 5.64 | 27.15 | 0.00 | ND | ND | ND | ND | ND | ND | — | — | — | — | — |
| MW-1 | 08/13/96 | 32.79 | 9.76 | 23.03 | 0.00 | ND | ND | ND | ND | ND | ND | — | — | — | — | — |
| MW-1 | 11/08/96 | 32.79 | 10.24 | 22.55 | 0.00 | ND | ND | ND | 0.92 | ND | 2.1 | ND | — | — | — | — |
| MW-1 | 01/31/97 | 32.79 | 3.83 | 28.96 | 0.00 | ND | ND | ND | 0.85 | ND | ND | 2.6 | ND | — | — | — |
| MW-1 | 04/22/97 | 32.79 | 9.14 | 23.65 | 0.00 | ND | ND | ND | ND | ND | ND | ND | — | — | — | — |
| MW-1† | 07/29/97 | 32.79 | 10.18 | 22.61 | 0.00 | ND | 60**** | 0.84 | 0.95 | ND | 1.6 | 36 | — | — | — | — |
| MW-1† | 10/09/97 | 32.79 | 10.46 | 22.33 | 0.00 | ND | 56**** | ND | ND | ND | ND | ND | — | — | — | — |
| MW-1† | 01/23/98 | 32.79 | 3.95 | 28.84 | 0.00 | ND | 33 | ND | ND | ND | ND | ND | — | — | — | — |
| MW-1 | 04/22/98 | 32.79 | 5.33 | 27.46 | 0.00 | ND | ND | ND | ND | ND | ND | ND | — | — | — | 1.25 |
| MW-1 | 07/21/98 | 32.79 | 9.17 | 23.62 | 0.00 | ND | — | ND | ND | ND | ND | ND | — | — | — | 4.34 |
| MW-1 | 10/20/98 | 32.79 | 10.41 | 22.38 | 0.00 | ND | — | ND | ND | ND | ND | ND | — | — | — | 2.49 |
| MW-1 | 01/27/99 | 32.79 | 5.51 | 27.28 | 0.00 | ND | — | ND | ND | ND | ND | ND | — | — | — | 5.25 |
| MW-1 | Destroyed during construction activities in April 1999 | | | | | | | | | | | | | | | |
| MW-2 | 03/14/96 | 32.80 | 4.51 | 28.29 | 0.00 | 560 | 250 | 2.0 | 0.96 | 4.3 | 11 | — | — | — | ND | — |
| MW-2 | 05/21/96 | 32.80 | 5.65 | 27.15 | 0.00 | 730 | 560 | 5.1 | 1.4 | 6.7 | 5.9 | — | — | — | — | — |
| MW-2 | 08/13/96 | 32.80 | 10.14 | 22.66 | 0.00 | 490 | 380* | 25 | 3.5 | 7.2 | 13 | — | — | — | — | — |
| MW-2 | 11/08/96 | 32.80 | 10.70 | 22.10 | 0.00 | 520 | 160*** | 80 | 2.7 | 14 | 66 | 6.1 | — | — | — | — |
| MW-2 | 01/31/97 | 32.80 | 3.84 | 28.96 | 0.00 | 74 | 130* | ND | ND | ND | ND | ND | — | — | — | — |
| MW-2 | 04/22/97 | 32.80 | 9.61 | 23.19 | 0.00 | 260 | 430 | 2.7 | ND | 2.5 | ND | ND | — | — | — | — |
| MW-2† | 07/29/97 | 32.80 | 10.53 | 22.27 | 0.00 | 320 | 150*** | 28 | 1.2 | 10 | ND | ND | — | — | — | — |
| MW-2† | 10/09/97 | 32.80 | 10.87 | 21.93 | 0.00 | 460 | 160* | 43 | 2.8 | 2.0 | 2.6 | 2.6 | — | — | — | — |
| MW-2† | 01/23/98 | 32.80 | 3.75 | 29.05 | 0.00 | ND | 54 | ND | ND | ND | ND | ND | — | — | — | — |
| MW-2 | 04/22/98 | 32.80 | 5.36 | 27.44 | 0.00 | 180 | 540 | 1.2 | 0.3 | 0.4 | ND | ND | — | — | — | 0.85 |
| MW-2 | 07/21/98 | 32.80 | 9.55 | 23.25 | 0.00 | 80 | — | 8.9 | 2.1 | 0.6 | 2.5 | ND | — | — | — | 1.04 |
| MW-2 | 10/20/98 | 32.80 | 10.75 | 22.05 | 0.00 | 50 | — | 0.8 | 0.7 | ND | 0.8 | ND | — | — | — | 1.12 |
| MW-2 | 01/27/99 | 32.80 | 5.53 | 27.27 | 0.00 | ND | — | 0.6 | ND | ND | ND | ND | — | — | — | 0.99 |
| MW-2 | 07/27/99 | 32.80 | 6.20 | 26.60 | 0.00 | ND | — | ND | 0.6 | ND | ND | ND | — | — | — | 0.30 |
| MW-2 | 12/08/99 | 32.80 | 9.98 | 22.82 | 0.00 | ND | — | 1.2 | 0.43 | ND | ND | ND | — | — | — | 1.83 |
| MW-2 | Sep-00 | 39.34 | Well resurveyed after repair by Alisto Engineering | | | | | | | | | | | | | |
| MW-2 | 10/25/00 | 39.34 | 11.30 | 28.04 | 0.00 | <20 | — | 2.0 | 0.59 | 0.46 | 1.3 | <0.30 | — | — | — | 0.35 |
| MW-2 | 01/15/01 | 39.34 | 9.41 | 29.93 | 0.00 | <20 | — | <0.20 | 0.46 | <0.20 | <0.60 | <0.30 | — | — | — | — |
| MW-2 | 04/10/01 | 39.34 | 6.16 | 33.18 | 0.00 | 23 | — | 0.28 | <0.20 | <0.20 | <0.60 | <1.0 | — | — | — | 1.72 |
| MW-2 | 07/24/01 | 39.34 | 10.70 | 28.64 | 0.00 | <50 | — | <0.20 | 0.93 | <0.20 | 0.82 | <0.30 | — | — | — | 3.39 |
| MW-2 | 11/27/01 | 39.34 | 10.15 | 29.19 | 0.00 | <50 | — | 1.2 | 0.22 | <0.20 | <0.60 | <0.30 | — | — | — | — |

Summary of Groundwater Levels and Chemical Analysis

Former Mobil Station 99-105

| Well ID | Date | Top of Casing | Depth to | Groundwater | Product | TPH-G | TPH-D | Benzene | Toluene | Ethyl- benzene | Total Xylenes | MTBE 8020 | MTBE 8240 or 8260 | TOG | Lead | Dissolved Oxygen | |
|---------|--|---------------------|--|---------------------|---------------------|--------|---------|---------|---------|-------------------|------------------|--------------|----------------------|-----|------|---------------------|-------|
| | | Elevation (feet) | Water (feet) | Elevation (feet) | Thickness (feet) | | | | | | | | | | | | (ppb) |
| MW-3 | 03/14/98 | 32.80 | 9.55 | 23.25 | 0.00 | 4,200 | 1,200 | 220 | 30 | 140 | 520 | — | — | ND | ND | — | |
| MW-3 | 05/21/98 | 32.80 | 10.16 | 22.64 | 0.00 | 8,500 | 2,800 | 710 | 110 | 440 | 1,700 | — | — | — | — | — | |
| MW-3 | 08/13/98 | 32.80 | 11.18 | 21.62 | 0.00 | 5,000 | 2,300** | 430 | ND | 200 | 360 | — | — | — | — | — | |
| MW-3 | 11/08/98 | 32.80 | 11.51 | 21.29 | 0.00 | 8,400 | 2,900* | 890 | 82 | 790 | 1,700 | 73 | ND | — | — | — | |
| MW-3 | 01/31/97 | 32.80 | 7.90 | 24.90 | 0.00 | 16,000 | 7,500* | 660 | 85 | 980 | 1,800 | ND | — | — | — | — | |
| MW-3 | 04/22/97 | 32.80 | 10.64 | 22.16 | 0.00 | 8,000 | 2,700 | 340 | 33 | 400 | 490 | 200 | ND | — | — | — | |
| MW-3† | 07/29/97 | 32.80 | 11.36 | 21.44 | 0.00 | 9,800 | 2,300* | 330 | ND | 530 | 530 | ND | — | — | — | — | |
| MW-3† | 10/09/97 | 32.80 | 11.52 | 21.28 | 0.00 | 7,300 | 2,600* | 300 | ND | 430 | 460 | 270 | ND | — | — | — | |
| MW-3† | 01/23/98 | 32.80 | 7.50 | 25.30 | 0.00 | 6,100 | 2,300 | 190 | 23 | 330 | 320 | ND | — | — | — | — | |
| MW-3 | 04/22/98 | 32.80 | 6.81 | 25.99 | 0.00 | 4,900 | 2,600 | 140 | 12 | 250 | 230 | ND | ND | — | — | 0.45 | |
| MW-3 | 07/21/98 | 32.80 | 10.65 | 22.15 | 0.00 | 7,400 | — | 250 | 16 | 400 | 370 | 74 | ND | — | — | 0.78 | |
| MW-3 | 10/20/98 | 32.80 | 11.57 | 21.23 | 0.00 | 6,700 | — | 200 | 18 | 350 | 350 | ND | ND | — | — | 0.69 | |
| MW-3 | 01/27/99 | 32.80 | 9.11 | 23.69 | 0.00 | 3,100 | — | 74 | 4 | 94 | 39 | 13 | — | — | — | 1.20 | |
| MW-3 | 07/27/99 | 32.80 | 7.27 | 25.53 | 0.00 | 8,900 | — | 170 | 21 | 360 | 440 | ND | — | — | — | 0.33 | |
| MW-3 | 12/08/99 | 32.80 | 10.63 | 22.17 | 0.00 | 4,800 | — | 94 | 13 | 170 | 210 | ND | — | — | — | 1.12 | |
| MW-3 | Sep-00 | 39.27 | Well resurveyed after repair by Alisto Engineering | | | | | | | | | | | | | | |
| MW-3 | 10/25/00 | 39.27 | 12.08 | 27.19 | 0.00 | 3,800 | — | 63 | 2.9 | 100 | 65 | <50 | <5 | — | — | 0.96 | |
| MW-3 | 01/15/01 | 39.27 | 10.29 | 28.98 | 0.00 | 4,300 | — | 76 | 9.5 | 47 | 76 | <5.0 | — | — | — | 0.60 | |
| MW-3 | 04/10/01 | 39.27 | 10.11 | 29.16 | 0.00 | 2,700 | — | 55 | 4.4 | 100 | 37 | <20 | — | — | — | 1.63 | |
| MW-3 | 07/24/01 | 39.27 | 11.57 | 27.70 | 0.00 | 3,100 | — | 110 | 6.9 | 110 | 81 | <1.0 | — | — | — | 4.25 | |
| MW-3 | 11/27/01 | 39.27 | 10.93 | 28.34 | 0.00 | 2,400 | — | 47 | 8.9 | 25 | 35 | <0.30 | — | — | — | — | |
| MW-4 | 03/14/98 | 31.50 | 4.92 | 26.58 | 0.00 | 12,000 | 3,500 | 2,200 | 140 | 880 | 2,000 | — | — | — | ND | — | |
| MW-4 | 05/21/98 | 31.50 | 8.60 | 22.90 | 0.00 | 11,000 | 4,200 | 1,700 | ND | 930 | 470 | — | — | — | — | — | |
| MW-4 | 08/13/98 | 31.50 | 10.02 | 21.50 | 0.02 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 11/08/98 | 31.50 | 10.28 | 21.33 | 0.15 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 01/31/97 | 31.50 | 7.88 | 23.62 | 0.00 | 23,000 | 8,200* | 980 | 88 | 1,100 | 1,400 | ND | — | — | — | — | |
| MW-4 | 04/22/97 | 31.50 | 7.40 | 24.10 | 0.00 | 8,800 | 4,500 | 950 | ND | 610 | 130 | ND | — | — | — | — | |
| MW-4 | 07/29/97 | 31.50 | 9.85 | 21.74 | 0.12 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 10/09/97 | 31.50 | 10.35 | 21.38 | 0.30 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 01/23/98 | 31.50 | 4.68 | 27.51 | 0.92 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 04/22/98 | 31.50 | 6.39 | 25.22 | 0.14 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 07/21/98 | 31.50 | 7.10 | 24.55 | 0.20 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 10/20/98 | 31.50 | 9.03 | 22.60 | 0.17 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | 01/27/99 | 31.50 | 5.37 | 26.18 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | |
| MW-4 | Destroyed during construction activities in April 1999 | | | | | | | | | | | | | | | | |
| MW-5 | Sep-00 | 39.18 | Well surveyed after installation by Alisto Engineering | | | | | | | | | | | | | | |
| MW-5 | 10/25/00 | 39.18 | 10.92 | 28.26 | 0.00 | 2,500 | — | 79 | 3.8 | 66 | <20 | <20 | — | — | — | 0.50 | |

Summary of Groundwater Levels and Chemical Analysis

Former Mobil Station 99-105

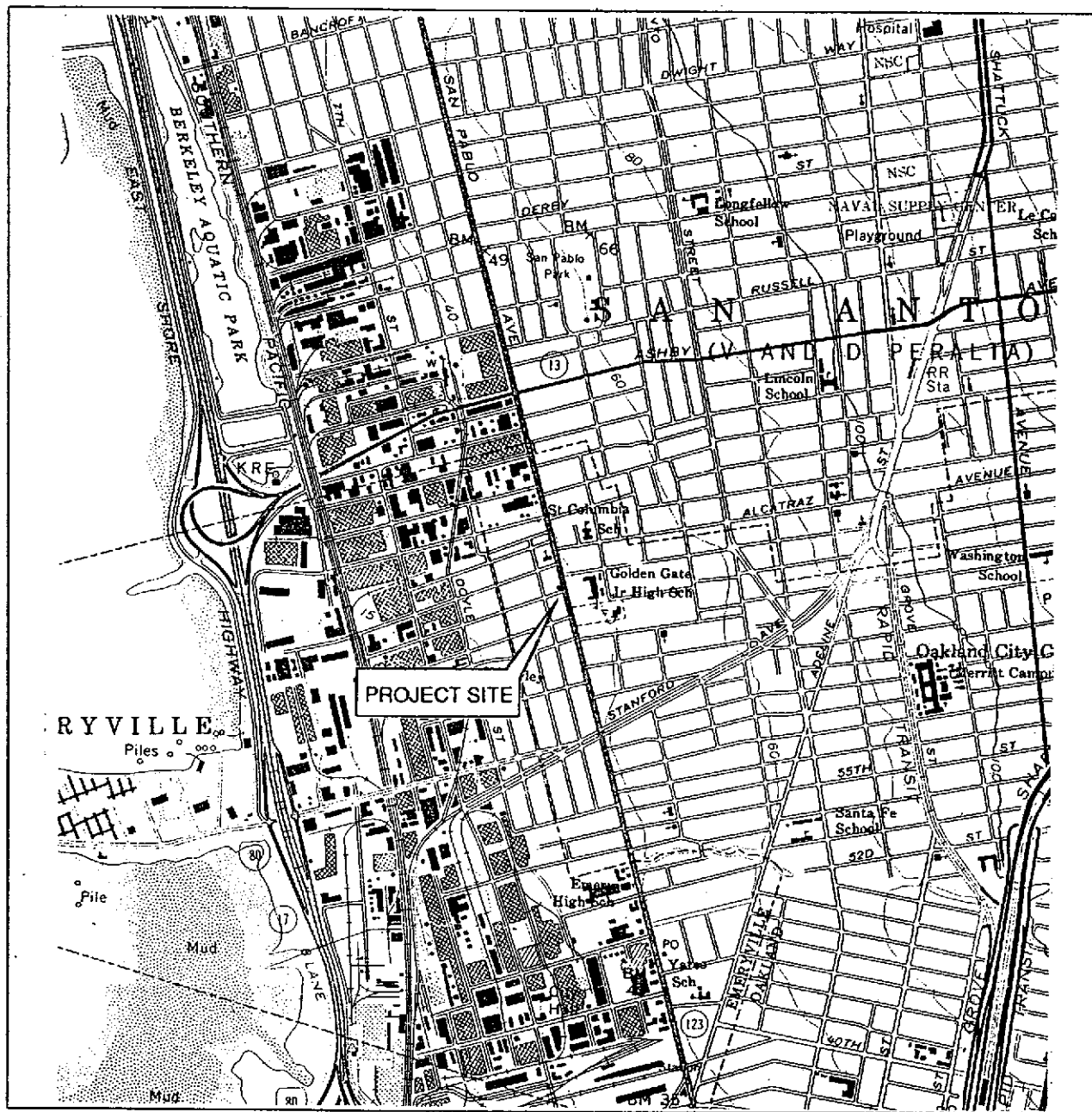
| Well ID | Date | Top of Casing Elevation (feet) | Depth to Water (feet) | Groundwater Elevation (feet) | Product Thickness (feet) | TPH-G (ppb) | TPH-D (ppb) | Benzene (ppb) | Toluene (ppb) | Ethyl- benzene (ppb) | Total Xylenes (ppb) | MTBE 8020 (ppb) | MTBE 8240 or 8260 (ppb) | TOG (ppb) | Lead (ppb) | Dissolved Oxygen (mg/L) |
|---------|----------|--------------------------------------|-----------------------------|------------------------------------|--------------------------------|----------------|----------------|------------------|------------------|----------------------------|---------------------------|-----------------------|-------------------------------|--------------|---------------|-------------------------------|
| | | | | | | | | | | | | | | | | |
| MW-5 | 01/15/01 | 39.18 | 8.32 | 30.86 | 0.00 | 3,900 | — | 120 | 7.9 | 280 | 52 | <5.0 | — | — | — | 0.69 |
| MW-5 | 04/10/01 | 39.18 | 7.21 | 31.97 | 0.00 | 8,000 | — | 280 | 4.4 | 410 | 100 | <50 | <5 | — | — | 1.90 |
| MW-5 | 07/24/01 | 39.18 | 9.54 | 29.64 | 0.00 | 7,000 | — | 360 | 7.4 | 380 | 67 | <1.0 | — | — | — | 5.91 |
| MW-5 | 11/27/01 | 39.18 | 8.84 | 30.34 | 0.00 | 5,000 | — | 64 | 11 | 340 | 52 | 8.9 | <2 | — | — | — |
| AB-1 | 03/05/98 | — | — | — | — | 1,600 | — | 31 | 5.3 | 79 | 130 | ND | — | — | — | — |
| AB-2 | 03/05/98 | — | — | — | — | ND | — | ND | 2.9 | 0.9 | 5.7 | ND | — | — | — | — |
| AB-3 | 03/05/98 | — | — | — | — | 6,800 | — | 680 | 100 | 1,500 | 2,300 | 230 | — | — | — | — |
| AB-4 | 03/05/98 | — | — | — | — | 8,500 | — | 240 | ND | 260 | 720 | ND | — | — | — | — |
| AB-6 | 03/05/98 | — | — | — | — | 12,000 | — | 350 | ND | 310 | 100 | ND | — | — | — | — |
| AB-9 | 03/05/98 | — | — | — | — | 1,000 | — | 57 | 12 | 44 | 93 | ND | — | — | — | — |
| AB-10 | 03/05/98 | — | — | — | — | 200 | — | 3.0 | 1.2 | 3.2 | 2.8 | ND | — | — | — | — |
| AB-11 | 03/05/98 | — | — | — | — | ND | — | ND | ND | ND | ND | ND | — | — | — | — |
| AB-12 | 03/05/98 | — | — | — | — | 8,800 | — | 660 | 50 | 630 | 940 | 37 | — | — | — | — |
| AB-13 | 03/05/98 | — | — | — | — | 210 | — | 11 | 0.8 | 10 | 15 | ND | — | — | — | — |
| HA-1 | 01/25/00 | — | — | — | — | ND<500 | — | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<5.0 | — | — | — | — |

NOTES:

ppb = parts per billion
 mg/L = milligrams per liter
 TPH-G = total petroleum hydrocarbons as gasoline
 TPH-D = total petroleum hydrocarbons as diesel
 TOG = total oil and grease
 MTBE = methyl tert-butyl ether

— = not measured/not analyzed
 ND = not detected at or above method detection limit
 * = diesel and unidentified hydrocarbons <C15
 ** = diesel and unidentified hydrocarbons <C15>C25
 *** = diesel and unidentified hydrocarbons >C20
 **** = unidentified hydrocarbons >C18

† = well sampled using no-purge method



1 MILE 3/4 1/2 1/4 0 1 MILE



SCALE 1 : 24,000



QUADRANGLE
LOCATION

SOURCE:

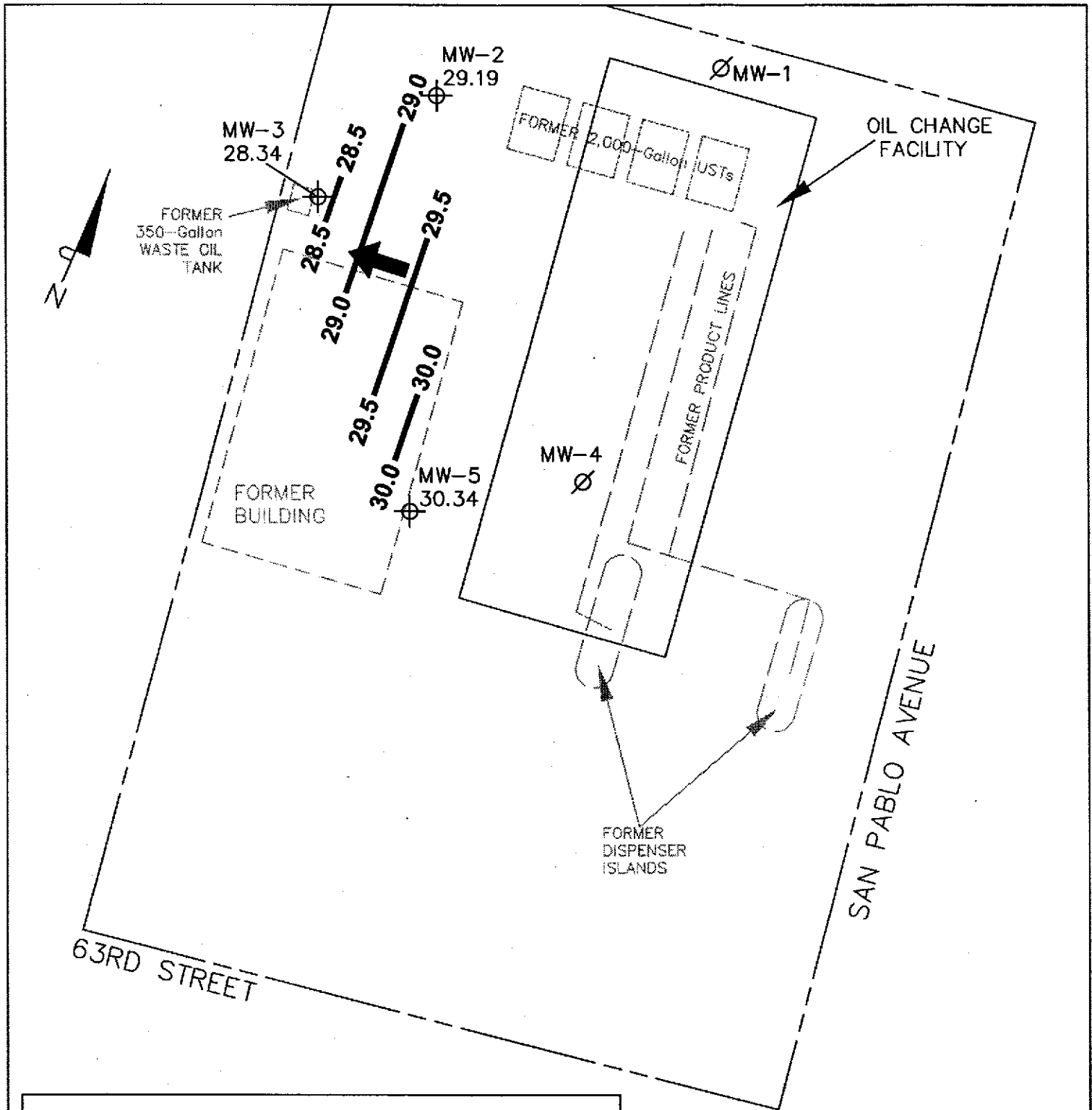
United States Geological Survey
7.5 Minute Topographic Maps:
Oakland West Quadrangle

VICINITY MAP




Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California

TRC

FIGURE 1




LEGEND

-  MW-2 Monitoring Well Showing Groundwater Elevation 29.19 (Feet Relative to Mean Sea Level - NGVD-1929)
-  Destroyed Well
- 29.0** — Groundwater Elevation Contour Line
-  General Direction of Groundwater Gradient

NOTES: Contour lines are interpretive based on fluid-level measurements taken on November 27, 2001. Contour interval = 0.5 foot.

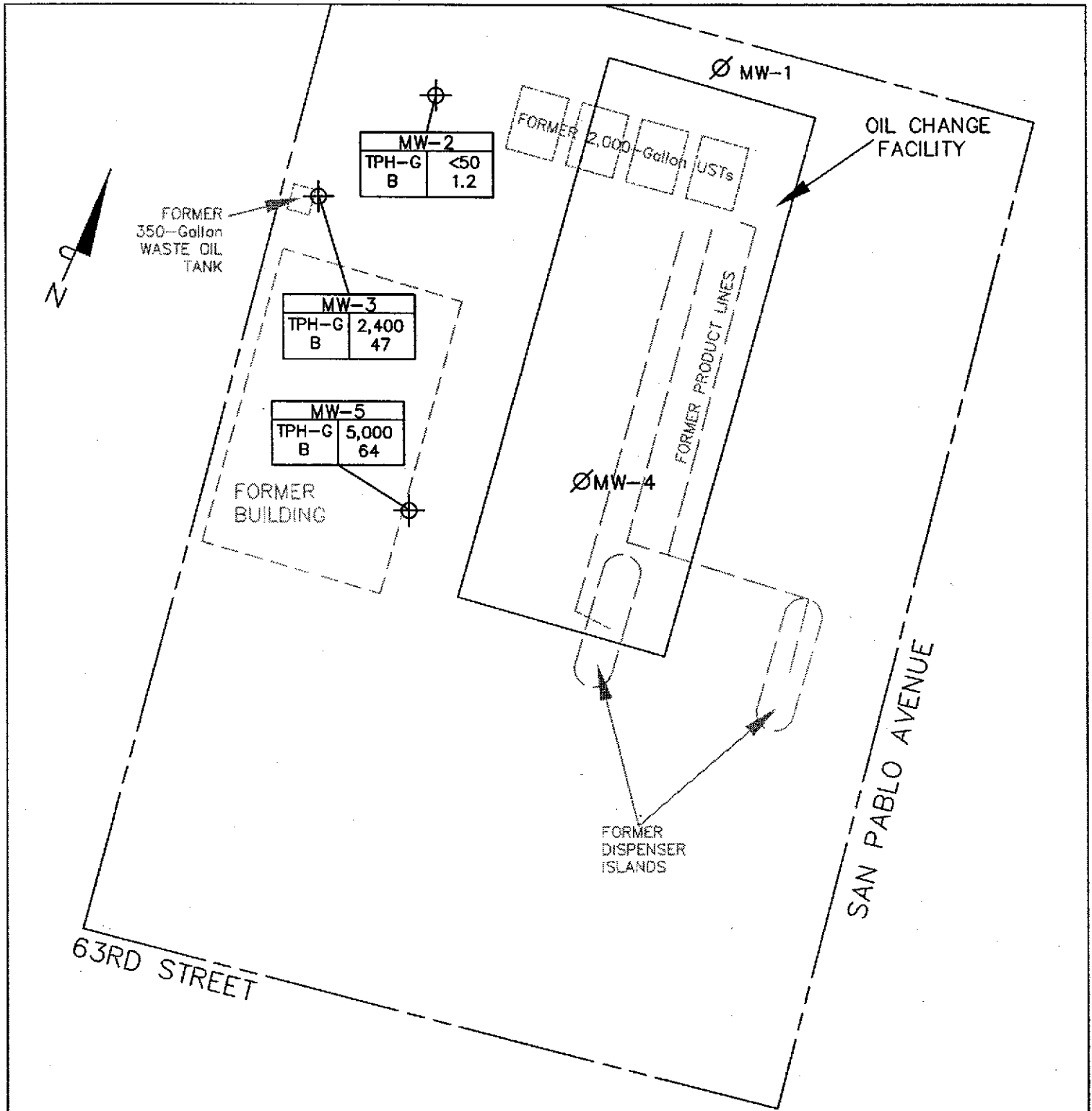
Source: ALISTO Engineering

SCALE (FEET)



0 20

**GROUNDWATER ELEVATION
CONTOUR MAP**
November 27, 2001
Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California



| | |
|-------|-----|
| MW-2 | |
| TPH-G | <50 |
| B | 1.2 |

| | |
|-------|-------|
| MW-3 | |
| TPH-G | 2,400 |
| B | 47 |

| | |
|-------|-------|
| MW-5 | |
| TPH-G | 5,000 |
| B | 64 |



LEGEND

| | |
|-------|-------|
| MW-3 | |
| TPH-G | 2,400 |
| B | 47 |

Monitoring Well Showing
Dissolved-Phase Hydrocarbon
Concentrations for TPH-G and
Benzene (ppb)

NOTES:
Hydrocarbon concentrations are based on results of laboratory samples collected on November 27, 2001. TPH-G = total petroleum hydrocarbons as gasoline; B = benzene; ppb = parts per billion; < = not detected at or above the stated method detection limit.

SCALE (FEET)



Source: ALISTO Engineering

**DISSOLVED-PHASE HYDROCARBON
CONCENTRATIONS
November 27, 2001**

Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California

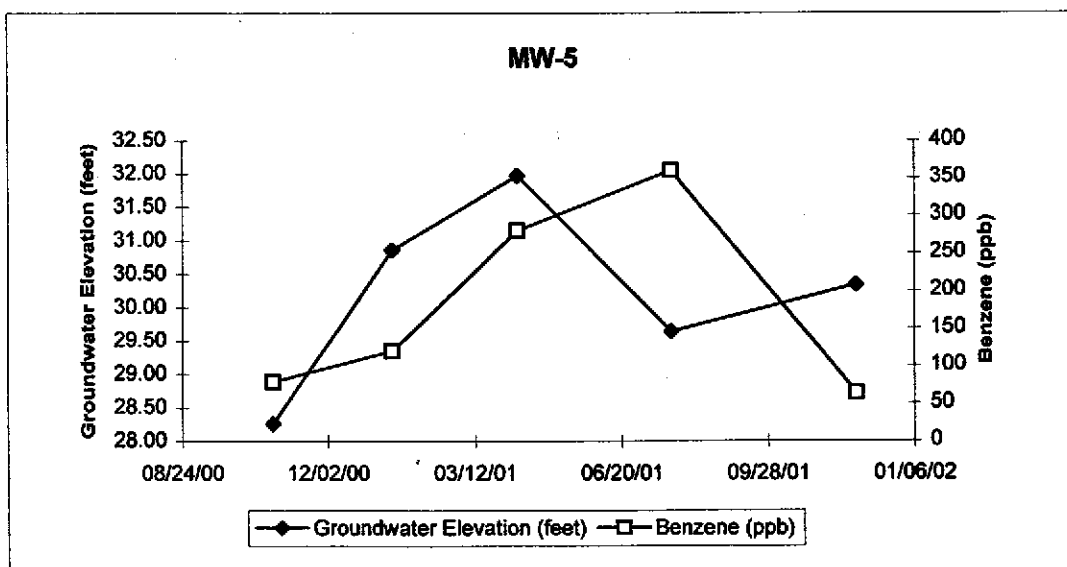
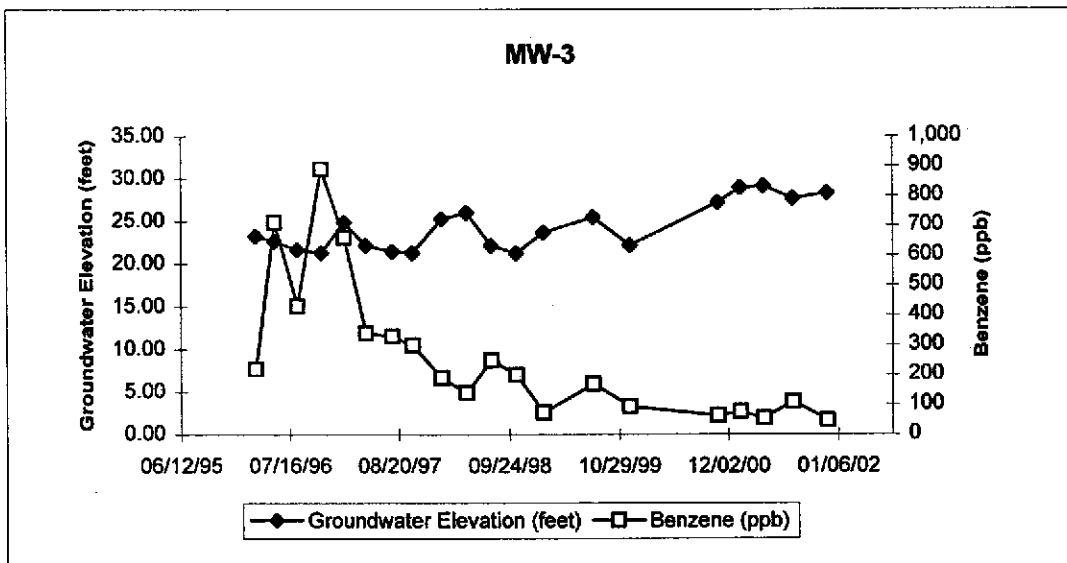
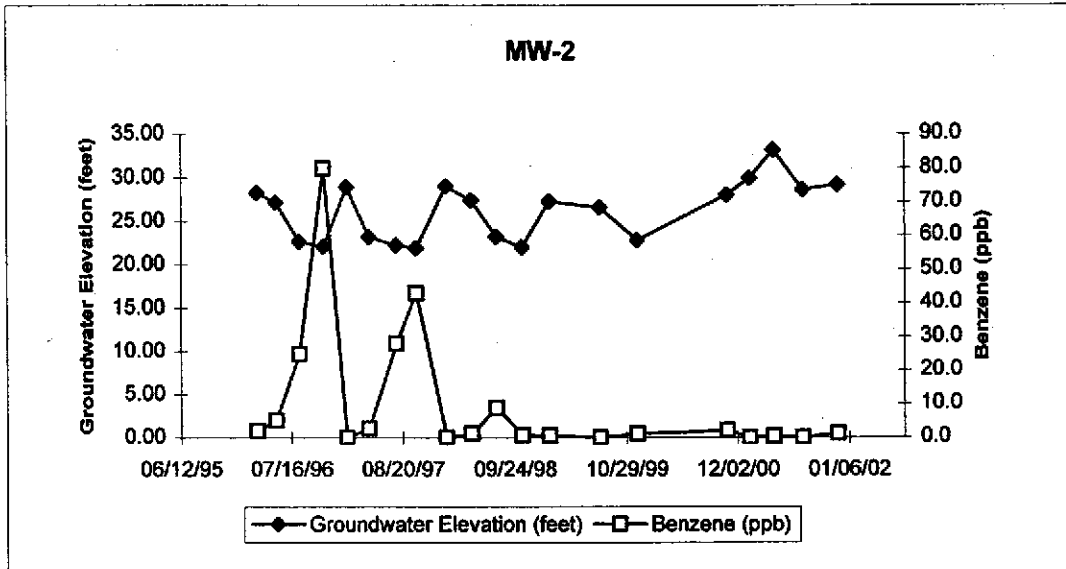


FIGURE 3

EXHIBIT 4

BENZENE VS. GROUNDWATER ELEVATION GRAPHS

Benzene vs. Groundwater Elevation Graphs



NOTE: ND values are plotted as zero.

EXHIBIT 5

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

FLUID-LEVEL MONITORING

Fluid levels are monitored in the wells using an electronic interface probe with conductance sensors. The presence of liquid-phase hydrocarbons is verified using a hydrocarbon-reactive paste. The depth to liquid-phase hydrocarbons and water is measured to the nearest 0.01 foot relative to the well box top or top of casing. Well box or casing elevations are surveyed to within 0.02 foot relative to a county or city benchmark.

GROUNDWATER SAMPLING

Currently, 'pre-purge' and 'non-purge' methods of sampling both comply with regulatory standards.

NON-PURGE METHOD:

TRC utilizes the 'non-purge' method of sampling for all qualifying groundwater monitoring wells. Groundwater samples are collected by lowering a 1.5-inch-diameter, bottom-fill, disposable polyethylene bailer just below the static water level in the well. The samples are carefully transferred from the check-valve-equipped bailer to 1-liter and 40-milliliter glass containers. The sample containers are filled to zero headspace and fitted with Teflon-sealed caps. Each sample is labeled with the project number, well number, sample date, and sampler's initials. Samples remain chilled at approximately 4°C prior to analysis by a state-certified laboratory.

The following criteria necessary for a well to qualify for 'non-purge' sampling are taken from a letter issued by San Francisco Bay Regional Water Quality Control Board on January 31, 1997:

1. The non-purging approach shall be used only for monitoring wells where groundwater has been impacted by petroleum hydrocarbons, BTEX, and MTBE.
2. Non-purge sampling shall be utilized for unconfined aquifers only.
3. The monitoring well shall be properly permitted, constructed (in this case, screened across the water table), and developed.
4. The well is presently in use for groundwater or soil vapor extraction.
5. The well does not contain free product.
6. For new wells or wells brought into monitoring for the first time, the first round of groundwater sampling performed at a site shall be with both non-purged and purged samples. The purging

and sampling method used shall be documented. This shall include the rate of purge and sampling details. For these wells we require measurements of dissolved oxygen, specific conductance, pH, and temperature whether purged or not purged. Also, if biodegradation is being tracked at the well, our requirements do not preclude the measurement of other parameters.

7. Existing wells which have already been routinely purged in previous sampling events immediate to being switched to a non-purging mode do not require an initial duplicate non-purged and purged sample.
8. Monitoring data frequency shall be as required by the appropriate regulatory oversight agency.
9. Should site closure be requested where the non-purged approach has been used, the final confirmation sampling event shall include both non-purged and purged samples from each well or as agreed upon with the appropriate regulatory oversight agency.

PURGE METHOD:

Groundwater monitoring wells that do not qualify for the 'non-purge' method are purged and sampled in accordance with standard regulatory protocol. Typically, monitoring wells that contain no liquid-phase hydrocarbons are purged of groundwater prior to sampling so that fluids sampled are representative of fluids within the formation. Temperature, pH, and specific conductance are typically measured after each well casing volume has been removed. Purging is considered complete when these parameters vary less than 10% from the previous readings, or when four casing volumes of fluid have been removed. Samples are collected without further purging if the well does not recharge within 2 hours to 80% of its volume before purging.

The purged water is either pumped directly into a licensed vacuum truck or temporarily stored in labeled drums prior to transport to an appropriate treatment or recycling facility. If an automatic recovery system (ARS) is operating at the site, purged water may be pumped into the ARS for treatment.

Groundwater samples are collected by lowering a 1.5-inch-diameter, bottom-fill, disposable polyethylene bailer just below the static water level in the well. The samples are carefully transferred from the check-valve-equipped bailer to 1-liter and 40-milliliter glass containers. The sample containers are filled to zero headspace and fitted with Teflon-sealed caps. Each sample is labeled with the project number, well number, sample date, and sampler's initials. Samples remain chilled at approximately 4°C prior to analysis by a state-certified laboratory.

EXHIBIT 6

MONITORING WELL SAMPLING FORMS

MOBIL UNIT COST FIELD FORM GROUND WATER MONITORING AND SAMPLING

PROJECT NUMBER 41-0123-76
 STATION NUMBER 99-105
 WEATHER Sunny

ALTON PERSONNEL J. Chidester
 DATE 11/27/01
 DAY Tuesday

HOURS
 Hours spent travelling to and from site (return): 1.5
 Hours spent on site: 3.5
 Number of mob/demobs to and from site: 1

MILEAGE
 Roundtrip mileage from Alton's office to site (1 man): 50
 Roundtrip mileage from Alton's office to site (2 man): -

WELLS MONITORED AND SAMPLED
 Number of wells monitored but not sampled: 0
 Number of wells monitored and sampled (depth to water < 25 feet): 3
 Number of wells monitored and sampled (depth to water > 25): 0
 Number of wells monitored and sampled using No Purge Method: 0

DRUM INVENTORY
 Number of drums of ground water disposed into onsite ARS: 0
 Number of gallons of groundwater purged and transported: 73

TRAFFIC CONTROL
 Number of days for major street traffic control: 0
 Number of days for non-major street traffic control: 0
 Cost for Caltrans lane closure: 0

FREE PRODUCT PUMP-OUTS
 Free product pump-out discipline travel (cap of 200 miles): 0
 Number of free product pump-out equipment mob/demobs: 0
 Number of wells (manual pump-outs): 0

FIELD NOTES:
 Arrived on site @ 9:00 AM.
 Monitored all wells for D.T.W.
 Purged all wells 3 times well volume.
 Wells recharged very slowly so waited 2 hours
 before sampling. Sampled all wells.
 Left site @ 12:30 PM.

GROUND WATER SAMPLING FIELD NOTES

Site: 99-105 Project No: 41-0123-76 Sampled By: J. Chidester Date: 11/27/01

Well No. MW-2 Purge Method: 2" electric Well No. MW-3 Purge Method: 2" electric
 Total Depth (feet) 18.90 Depth to Product (feet): - Total Depth (feet) 18.46 Depth to Product (feet): -
 Depth to Water (feet): 10.15 Product Recovered (gallons): - Depth to Water (feet): 10.23 Product Recovered (gallons): -
 Water Column (feet): 8.75 Casing Diameter (Inches): 4" Water Column (feet): 7.53 Casing Diameter (Inches): 4"
 80% Recharge Depth (feet): 11.90 1 Well Volume (gallons): 5.69 80% Recharge Depth (feet): 12.44 1 Well Volume (gallons): 4.89

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH |
|--------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|
| 947 | | | | 0.82 | 58.6 | 8.30 |
| | | | | 0.79 | 63.5 | 7.65 |
| | 954 | | | 0.77 | 65.6 | 7.55 |
| Total Purged | | | 17 | Time Sampled | | 1200 |

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH |
|--------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|
| 1002 | | | | 1.47 | 61.2 | 7.61 |
| | | | | 1.47 | 63.8 | 7.49 |
| | 1008 | | | 1.49 | 65.1 | 7.42 |
| Total Purged | | | 13 | Time Sampled | | 1210 |

Comments:
Turbidity=

Comments: Ran Dry @ 13 gal.
Turbidity=

Well No. MW-5 Purge Method: 2" electric Well No. _____ Purge Method: _____
 Total Depth (feet) 20.53 Depth to Product (feet): _____ Total Depth (feet) _____ Depth to Product (feet): _____
 Depth to Water (feet): 8.84 Product Recovered (gallons): _____ Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): 11.69 Casing Diameter (Inches): 4" Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): 11.18 1 Well Volume (gallons): 7.60 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH |
|--------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|
| 1020 | | | | 1.37 | 62.0 | 7.58 |
| | | | | 1.36 | 65.2 | 7.30 |
| | 1029 | | | 1.35 | 66.3 | 7.25 |
| Total Purged | | | 23 | Time Sampled | | 1220 |

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH |
|--------------|-----------|-----------------------|-------------------------|----------------------|--------------------|----|
| | | | | | | |
| Total Purged | | | | Time Sampled | | |

Comments:
Turbidity=

Comments:
Turbidity=

Well No. _____ Purge Method: _____ Well No. _____ Purge Method: _____
 Total Depth (feet) _____ Depth to Product (feet): _____ Total Depth (feet) _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____ Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____ Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____ 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH |
|--------------|-----------|-----------------------|-------------------------|----------------------|--------------------|----|
| | | | | | | |
| Total Purged | | | | Time Sampled | | |

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH |
|--------------|-----------|-----------------------|-------------------------|----------------------|--------------------|----|
| | | | | | | |
| Total Purged | | | | Time Sampled | | |

Comments:
Turbidity=

Comments:
Turbidity=



DAILY FIELD REPORT

| | | |
|---------------------------------------|-------------------------------------|----------------|
| Job Name: Mobil 99-105 | Project Number: 41-0123-76 | Date: 11/27/01 |
| Location: 6301 San Pablo Ave, Oakland | Weather: Sunny | Day: Tuesday |
| Staff: J. Chidester | Reason For Site Visit: 4th Qtr. M/S | |

Check where applicable and provide brief description of condition:

- Power Poles: Compound: Vacant Lot:
- Lock on Fence: Drums on Site (contents & date):
- Visual Inspection of External Well Heads:

Arrived on site @ 9:00 AM.

Monitored all wells for D.T.W.

Purged all wells 3 times well volume.

Wells recharged very slowly so waited 2 hours before sampling. Sampled all wells.

Left site @ 12:30 PM.

EXHIBIT 7

ANALYTICAL LABORATORY DATA SHEETS



ANALYTICAL RESULTS

Prepared for:

ExxonMobil
2300 Clayton Road
Suite 1250
Concord CA 94520

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 788751. Samples arrived at the laboratory on Tuesday, December 04, 2001. The PO# for this group is 4500446506-0509 and the release number is 00260.

| <u>Client Description</u> | | <u>Lancaster Labs Number</u> |
|---------------------------|------------|------------------------------|
| MW-2 | Grab Water | 3737882 |
| MW-3 | Grab Water | 3737883 |
| MW-5 | Grab Water | 3737884 |

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO TRC/Alton

Attn: Kathryn Quinnell

Questions? Contact your Client Services Representative
Teresa M. Lis at (717) 656-2300.

Respectfully Submitted,


Victoria M. Martell
Chemist



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3737882**

Collected: 11/27/2001 12:00 by **JC**

Account Number: 10589

Submitted: 12/04/2001 09:30

ExxonMobil

Reported: 12/18/2001 at 14:58

2300 Clayton Road

Discard: 01/18/2002

Suite 1250

MW-2

Grab Water

Concord CA 94520

LOC#99-105 WBS# 08 Prj.# 41-0123-76 TRCC

6301 SAN PABLO-OAKLAND T0600101855 MW-2

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|--|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 08209 | BTEX, MTBE (8020) | | | | | |
| 00776 | Benzene | 71-43-2 | 1.2 | 0.20 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | 0.22 | 0.20 | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | N.D. | 0.20 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | N.D. | 0.60 | ug/l | 1 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 0.30 | ug/l | 1 |
| A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level. | | | | | | |
| 08268 | TPH-GRO (CA LUFT) | | | | | |
| 05554 | TPH-GRO (CA LUFT) | n.a. | N.D. | 50. | ug/l | 1 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | | Analyst | Dilution Factor |
|---------|-------------------|------------------|--------|------------|-------|-----------------|-----------------|
| | | | | Date | Time | | |
| 08209 | BTEX, MTBE (8020) | SW-846 8020A | 1 | 12/06/2001 | 11:58 | Larry K. Gordon | 1 |
| 08268 | TPH-GRO (CA LUFT) | CA LUFT Gasoline | 1 | 12/06/2001 | 11:58 | Larry K. Gordon | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030A | 1 | 12/06/2001 | 11:58 | Larry K. Gordon | n.a. |

#=Laboratory Method Detection Limit Exceeded target detection limit
 N.D.=Not detected above the Reporting Limit



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3737883**

Collected: 11/27/2001 12:10 by JC

Account Number: 10589

Submitted: 12/04/2001 09:30
 Reported: 12/18/2001 at 14:58
 Discard: 01/18/2002

ExxonMobil
 2300 Clayton Road
 Suite 1250
 Concord CA 94520

MW-3 Grab Water TRCC
 LOC#99-105 WBS# 08 Prj.# 41-0123-76
 6301 SAN PABLO-OAKLAND T0600101855 MW-3

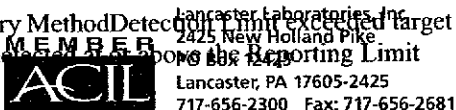
| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|--|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 08209 | BTEX, MTBE (8020) | | | | | |
| 00776 | Benzene | 71-43-2 | 47. | 0.20 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | 8.9 | 0.20 | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | 25. | 0.20 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | 35. | 0.60 | ug/l | 1 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 0.30 | ug/l | 1 |
| A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level. | | | | | | |
| 08268 | TPH-GRO (CA LUFT) | | | | | |
| 05554 | TPH-GRO (CA LUFT) | n.a. | 2,400. | 200. | ug/l | 10 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|-------------------|-------------------------|--------|------------------------|-----------------|-----------------|
| 08209 | BTEX, MTBE (8020) | SW-846 8020A | 1 | 12/06/2001 13:45 | Larry K. Gordon | 1 |
| 08268 | TPH-GRO (CA LUFT) | CA LUFT Gasoline Method | 1 | 12/07/2001 05:10 | Larry K. Gordon | 10 |
| 01146 | GC VOA Water Prep | SW-846 5030A | 1 | 12/06/2001 13:45 | Larry K. Gordon | n.a. |

#=Laboratory Method Detection Limit Exceeded target detection limit
 N.D.=Not detected above the Reporting Limit





Lancaster Laboratories Sample No. **WW 3737884**

Collected: 11/27/2001 12:20 by JC Account Number: 10589

Submitted: 12/04/2001 09:30 ExxonMobil
 Reported: 12/18/2001 at 14:58 2300 Clayton Road
 Discard: 01/18/2002 Suite 1250
 MW-5 Grab Water Concord CA 94520
 LOC#99-105 WBS# 08 Prj.# 41-0123-76 TRCC
 6301 SAN PABLO-OAKLAND T0600101855 MW-5

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 08209 | BTEX, MTBE (8020) | | | | | |
| 00776 | Benzene | 71-43-2 | 64. | 1.0 | ug/l | 5 |
| 00777 | Toluene | 108-88-3 | 11. | 1.0 | ug/l | 5 |
| 00778 | Ethylbenzene | 100-41-4 | 340. | 1.0 | ug/l | 5 |
| 00779 | Total Xylenes | 1330-20-7 | 52. | 3.0 | ug/l | 5 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | 8.9 | 1.5 | ug/l | 5 |

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

08268 TPH-GRO (CA LUFT)

05554 TPH-GRO (CA LUFT) n.a. 5,000. 100. ug/l 5
 Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.

02309 MTBE by GC/MS (water)

02010 Methyl t-butyl ether 1634-04-4 N.D. 2. ug/l 1
 A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

The MTBE by GC/MS volatile analysis was added during the last day of the 14-day holding time. Therefore, the sample was analyzed after this 14-day holding time had expired.

State of California Lab Certification No. 2116

MTBE was detected on the GC/PID. False positives are possible with this detector and GC/MS analysis did not confirm the presence of MTBE. Therefore, the positive result on the GC/PID is attributed to the presence of a false positive.

#=Laboratory Method Detection Limit Exceeded target detection limit
 N.D.=Not detected Below the Reporting Limit



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3737884**

Collected: 11/27/2001 12:20 by JC

Account Number: 10589

Submitted: 12/04/2001 09:30
 Reported: 12/18/2001 at 14:58
 Discard: 01/18/2002

ExxonMobil
 2300 Clayton Road
 Suite 1250
 Concord CA 94520

MW-5 Grab Water TRCC
 LOC#99-105 WBS# 08 Prj.# 41-0123-76
 6301 SAN PABLO-OAKLAND T0600101855 MW-5

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | | Analyst | Dilution Factor |
|---------|-----------------------|-------------------------|--------|------------|-------|-------------------|-----------------|
| | | | | Date | Time | | |
| 08209 | BTEX, MTBE (8020) | SW-846 8020A | 1 | 12/06/2001 | 14:21 | Larry K. Gordon | 5 |
| 08268 | TPH-GRO (CA LUFT) | CA LUFT Gasoline Method | 1 | 12/06/2001 | 14:21 | Larry K. Gordon | 5 |
| 02309 | MTBE by GC/MS (water) | SW-846 8260B | 1 | 12/12/2001 | 10:08 | Joseph P. Casillo | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030A | 1 | 12/06/2001 | 14:21 | Larry K. Gordon | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 12/12/2001 | 10:08 | Joseph P. Casillo | n.a. |

#=Laboratory Method Detection Limit Exceeded target detection limit
 N.D.=Not detected or above the Reporting Limit





Quality Control Summary

Client Name: ExxonMobil
 Reported: 12/18/01 at 02:58 PM

Group Number: 788751

Laboratory Compliance Quality Control

| <u>Analysis Name</u> | <u>Blank Result</u> | <u>Blank MDL</u> | <u>Report Units</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>LCS/LCSD Limits</u> | <u>RPD</u> | <u>RPD Max</u> |
|-------------------------|-----------------------------------|------------------|---------------------|-----------------|------------------|------------------------|------------|----------------|
| Batch number: 01340A02 | Sample number(s): 3737882-3737884 | | | | | | | |
| Benzene | N.D. | .2 | ug/l | 109 | 105 | 80-118 | 3 | 30 |
| Toluene | N.D. | .2 | ug/l | 107 | 105 | 82-119 | 2 | 30 |
| Ethylbenzene | N.D. | .2 | ug/l | 107 | 105 | 81-119 | 2 | 30 |
| Total Xylenes | N.D. | .6 | ug/l | 107 | 107 | 82-120 | 0 | 30 |
| Methyl tert-Butyl Ether | N.D. | .3 | ug/l | 109 | 104 | 79-127 | 4 | 30 |
| TPH-GRO (CA LUFT) | N.D. | 50. | ug/l | 87 | 88 | 76-119 | 1 | 30 |
| Batch number: N013461AA | Sample number(s): 3737884 | | | | | | | |
| Methyl t-butyl ether | N.D. | 2. | ug/l | 97 | 98 | 77-127 | 2 | 30 |

Sample Matrix Quality Control

| <u>Analysis Name</u> | <u>MS %REC</u> | <u>MSD %REC</u> | <u>MS/MSD Limits</u> | <u>RPD</u> | <u>MAX</u> | <u>BKG Conc</u> | <u>DUP Conc</u> | <u>DUP RPD</u> | <u>Dup RPD Max</u> |
|-------------------------|-----------------------------------|-----------------|----------------------|------------|------------|-----------------|-----------------|----------------|--------------------|
| Batch number: 01340A02 | Sample number(s): 3737882-3737884 | | | | | | | | |
| Benzene | 107 | | 66-140 | | | | | | |
| Toluene | 108 | | 72-138 | | | | | | |
| Ethylbenzene | 107 | | 71-138 | | | | | | |
| Total Xylenes | 109 | | 69-140 | | | | | | |
| Methyl tert-Butyl Ether | 99 | | 60-145 | | | | | | |
| TPH-GRO (CA LUFT) | 93 | 93 | 74-132 | 0 | 30 | | | | |
| Batch number: N013461AA | Sample number(s): 3737884 | | | | | | | | |
| Methyl t-butyl ether | 73 | | 69-134 | | | | | | |

Surrogate Quality Control

Analysis Name: BTEX, MTBE (8020)
 Batch number: 01340A02

| | Trifluorotoluene-P | Trifluorotoluene-F |
|---------|--------------------|--------------------|
| 3737882 | 101 | 78 |
| 3737883 | 102 | 83 |
| 3737884 | 101 | 169* |
| Blank | 101 | 80 |
| LCS | 101 | 88 |
| LCSD | 99 | 91 |
| MS | 99 | 89 |
| MSD | | 89 |
| Limits: | 72-134 | 65-137 |

Analysis Name: MTBE by GC/MS (water)

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.





Lancaster Laboratories

Where quality is a science.

Quality Control Summary

Client Name: ExxonMobil
Reported: 12/18/01 at 02:58 PM

Group Number: 788751

Surrogate Quality Control

Batch number: N013461AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 3737884 | 97 | 99 | 95 | 100 |
| Blank | 100 | 101 | 93 | 102 |
| LCS | 98 | 103 | 96 | 103 |
| LCSD | 97 | 104 | 94 | 101 |
| MS | 97 | 102 | 95 | 102 |
| Limits: | 86-118 | 80-120 | 88-110 | 86-115 |

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

ExxonMobil California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10509 Sample #: 3737882-4 SCR#: _____

| ExxonMobil Consultant/Office: <u>TRC</u> Consultant Prj. Mgr.: <u>Jonathan Scheiner</u> Prj. #: <u>41-0123-76</u> Consultant Phone #: <u>925-688-1200</u> Fax #: <u>925-688-0388</u> Location Code #: <u>99-105</u> WBS: # <u>08</u> Site Address: <u>6301 San Pablo Ave., Oakland</u> Region: <u>CA</u> Sampler: <u>J. Chidester</u> ExxonMobil Engineer: <u>Gene Ortega</u> <input checked="" type="checkbox"/> Invoice ExxonMobil <input type="checkbox"/> Invoice Consultant <input type="checkbox"/> Invoice Other | | | Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air | | Analyses Requested List total number of containers in the box under each analysis. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="10">Preservation Codes</th> </tr> <tr> <td>H</td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>* BTEX 8020 + MTBE</td><td>8021</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>TPH 8015 MOD</td><td>GRO</td><td>DRO</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8260 Full List</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8260 BTEX + Oxygenates</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Ethanol 8015</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8260 Confirmation MTBE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Oxygenates</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> | | | | | | | | | | Preservation Codes | | | | | | | | | | H | H | | | | | | | | | * BTEX 8020 + MTBE | 8021 | | | | | | | | | TPH 8015 MOD | GRO | DRO | | | | | | | | 8260 Full List | | | | | | | | | | 8260 BTEX + Oxygenates | | | | | | | | | | Ethanol 8015 | | | | | | | | | | 8260 Confirmation MTBE | | | | | | | | | | Oxygenates | | | | | | | | | | Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed. * Specify special detection limits/reporting lists below. | |
|--|------|----------------|--|---|--|--|-------|--|-----|----------------------------|-----------|---|--------|---|--------------------|-----|----------------|------------------------|--------------|------------------------|------------|--|--|--|---|---|--|--|--|--|--|--|--|--|--------------------|------|--|--|--|--|--|--|--|--|--------------|-----|-----|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|------------------------|--|--|--|--|--|--|--|--|--|--------------|--|--|--|--|--|--|--|--|--|------------------------|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|--|
| Preservation Codes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * BTEX 8020 + MTBE | 8021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TPH 8015 MOD | GRO | DRO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8260 Full List | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8260 BTEX + Oxygenates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ethanol 8015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8260 Confirmation MTBE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oxygenates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Date Collected | Time Collected | Grab | Composite | Soil | Water | Oil | Air | Total Number of Containers | BTEX 8020 | 8021 | + MTBE | TPH 8015 MOD | GRO | DRO | 8260 Full List | 8260 BTEX + Oxygenates | Ethanol 8015 | 8260 Confirmation MTBE | Oxygenates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-2 | | 11/27/01 | 1200 | X | | | X | | | 4 | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-3 | | ↓ | 1210 | ↓ | | | ↓ | | | ↓ | ↓ | ↓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-5 | | ↓ | 1220 | ↓ | | | ↓ | | | ↓ | ↓ | ↓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *confirm highest MTBE by 8260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Turnaround Time Requested (TAT) (please circle) ExxonMobil STD. TAT 72 hour 48 hour 24 hour 4 day 5 day | | | | | | Relinquished by: <u>[Signature]</u> Date <u>11/30/01</u> Time <u>1215</u> Relinquished by: <u>[Signature]</u> Date <u>12/3/01</u> Time <u>1500</u> Relinquished by: _____ Date _____ Time _____ | | | | | | Received by: <u>[Signature]</u> Date <u>11/30/01</u> Time <u>1215</u> Received by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Package Options (please circle if required) QC Summary Type VI (Raw Data) WIP (RWQCB) Disk | | | | SDG Complete? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Site-specific QC required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (If yes, indicate QC sample and submit triplicate volume.) Internal Chain of Custody required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | Relinquished by Commercial Carrier: UPS <input checked="" type="checkbox"/> FedEx _____ Other _____ Temperature Upon Receipt <u>2</u> C° | | | | | | Received by: <u>[Signature]</u> Date <u>12/4/01</u> Time <u>0930</u> Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

EXHIBIT 8

WASTE DISPOSAL MANIFEST—THIRD QUARTER 2001

Water Transport Form

Generator Information Profile No.: 901-796-0Y

Name: ExxonMobil Oil Corporation
 Address: 3700 West 190th Street, TPT-2
 City, State, Zip: Torrance, CA 90509-2929 Phone: (310) 212-1877
 Description of Water: Monitoring well purge water

The generator certifies that this water
 as described is non-hazardous. _____ (Date)
 for ExxonMobil Oil Corporation

Site Information

| | Date Generated | Site Number | Amount Generated | Sampler's Initials | | Date Generated | Site Number | Amount Generated | Sampler's Initials |
|----|----------------|-------------|------------------|--------------------|----|----------------|-------------|------------------|--------------------|
| 1 | 7/10/01 | 04-FGN | 27 | JC | 16 | | | | |
| 2 | 7/24/01 | 99-105 | 69 | SK | 17 | | | | |
| 3 | 7/25/01 | 99-UCB | 64 | JC | 18 | | | | |
| 4 | 8/2/01 | 10-680 | 37 | JC | 19 | | | | |
| 5 | 8/9, 10/01 | 04-GL8 | 472 | JC | 20 | | | | |
| 6 | 8/15/01 | SR-OSA | 60 | JC | 21 | | | | |
| 7 | 8/17/01 | 99-272 | 124 | JC | 22 | | | | |
| 8 | 8/22, 23/01 | 04-GPE | 281 | JC | 23 | | | | |
| 9 | 8/25/01 | 99-319 | 385 | DS | 24 | | | | |
| 10 | 8/29/01 | 99-319 | 155 | JC | 25 | | | | |
| 11 | 8/31/01 | 10-K5E | 65 | JC | 26 | | | | |
| 12 | | | | | 27 | | | | |
| 13 | | | | | 28 | | | | |
| 14 | | | | | 29 | | | | |
| 15 | | | | | 30 | | | | |
| | | | | | | | | Total: | 1739 |

Transporter Information

Name: PSC
 Address: 395 West Channel Road
 City, State, Zip: Benicia, CA 94510 Phone: (800) 800-7472
 Truck ID No.: _____
_____ (Typed or printed full name & signature) (Date)

Receiving Facility

Name: McKittrick Waste Treatment Site
 Address: 56533 Highway 58 West
 City, State, Zip: McKittrick, CA 93251 Phone: (805) 762-7607
 Profile No.: 901-796-0Y
_____ (Typed or printed full name & signature) (Date)

709V

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

| | | | | | |
|---|--|---|--|--|----------------------|
| NON-HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA ID No. | | Manifest Document No. NH-001 | 2. Page 1 of 1 |
| 3. Generator's Name and Mailing Address MOBILE/EXXON 2449 BATES AVE CONCORD, CA | | | | | |
| 4. Generator's Phone (925) 686-2020 | | 5. Transporter 1 Company Name PSC | | 6. US EPA ID Number | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | A. State Transporter's ID | |
| 9. Designated Facility Name and Site Address WACE Truck Waste 56533 Hung 58 West Mesa, Calif Ca 93251 | | 10. US EPA ID Number | | B. Transporter 1 Phone 800-800-7172 | |
| | | | | C. State Transporter's ID | |
| | | | | D. Transporter 2 Phone | |
| | | | | E. State Facility's ID | |
| | | | | F. Facility's Phone 661-762-7366 | |
| 11. WASTE DESCRIPTION | | | 12. Containers | | 13. Total Quantity |
| | | | No. | Type | 14. Unit WL/Vol. |
| a. Groundwater | | | 24 | TT | 1500 1300 |
| b. | | | | | G |
| c. | | | | | |
| d. | | | | | |
| 15. Special Handling Instructions and Additional Information | | | 16. HANDLING CODES FOR WASTES LISTED ABOVE | | |
| Profile # 901-7961401 | | | 501-416PS | | |
| 15. Special Handling Instructions and Additional Information 24 Hour Emergency # 800-800-7172 (Fred Buehler) | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. | | | | | |
| Printed/Typed Name | | Signature | | Date | |
| Steve Kemnitz | | <i>Steve Kemnitz</i> | | Month Day Year 9 7 01 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials: | | | | | |
| Printed/Typed Name | | Signature | | Date | |
| Charles D. Gentry | | <i>Charles D. Gentry</i> | | Month Day Year 9 7 01 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials: | | | | | |
| Printed/Typed Name | | Signature | | Date | |
| * | | | | Month Day Year | |
| 19. Discrepancy Indication Space | | | | | |
| Truck was held up due to profile problems! | | | | | |
| 20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. | | | | | |
| Printed/Typed Name | | Signature | | Date | |
| Susan Fisher | | <i>Susan Fisher</i> | | Month Day Year 9 10 01 | |

NON-HAZARDOUS WASTE GENERATOR FACILITY

EXHIBIT 9

WASTE DISPOSAL MANIFEST—FOURTH QUARTER 2001

Monitoring Well Purge Water Transport Form

Generator Information

Profile No.: 901-796-0Y

Name: ExxonMobil Oil Corporation
 Address: 3700 West 190th Street, TPT-2
 City, State, Zip: Torrance, CA 90509-2929 Phone: (310) 212-1877
 Description of Water: Monitoring well purge water

The generator certifies that this water
 as described is non-hazardous.

for ExxonMobil Oil Corporation

(Date)

Site Information

| | Date Generated | Site Number | Amount Generated | Sampler's Initials | | Date Generated | Site Number | Amount Generated | Sampler's Initials |
|----|----------------|-------------|------------------|--------------------|----|----------------|-------------|------------------|--------------------|
| 1 | 10/30/01 | SR-05A | 82 | JC | 16 | | | | |
| 2 | 11/1/01 | 10-680 | 50 | JC | 17 | | | | |
| 3 | 11/13/01 | 99-272 | 76 | JC | 18 | | | | |
| 4 | 11/16/01 | 99-319 | 163 | JC | 19 | | | | |
| 5 | 11/22/01 | 04-GL8 | 258 | JC | 20 | | | | |
| 6 | 11/27/01 | 99-105 | 73 | JC | 21 | | | | |
| 7 | | | | | 22 | | | | |
| 8 | | | | | 23 | | | | |
| 9 | | | | | 24 | | | | |
| 10 | | | | | 25 | | | | |
| 11 | | | | | 26 | | | | |
| 12 | | | | | 27 | | | | |
| 13 | | | | | 28 | | | | |
| 14 | | | | | 29 | | | | |
| 15 | | | | | 30 | | | | |

Total: 702

Transporter Information

Name: Philip West Industrial Services
 Address: 395 West Channel Road
 City, State, Zip: benicia, CA 94510 Phone: (800) 800-7472

Truck ID No.: _____

(Typed or printed full name & signature)

(Date)

Receiving Facility

Name: McKittrick Waste Treatment Site
 Address: 56533 Highway 58 West
 City, State, Zip: McKittrick, CA 93251 Phone: (805) 762-7607

Profile No.: 901-796-0Y

(Typed or printed full name & signature)

(Date)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

| | | | | | | | |
|---|--|------------------------------|--|---|------|---|------------------|
| NON-HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA ID No. | | Manifest Document No. | | 2. Page 1 of | |
| 3. Generator's Name and Mailing Address EXXON MOBIL 2449 BATES AVE CONCORD, CA | | | | | | | |
| 4. Generator's Phone () | | | | 6. US EPA ID Number | | A. State Transporter's ID | |
| 5. Transporter 1 Company Name PSC PHILIP SERVICES | | | | | | B. Transporter 1 Phone 800-800-7112 | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | C. State Transporter's ID | |
| | | | | | | D. Transporter 2 Phone | |
| 9. Designated Facility Name and Site Address MCKITTRICK WASTE 56533 Hwy 58W MCKITTRICK, CA 93251 | | | | 10. US EPA ID Number | | E. State Facility's ID | |
| | | | | | | F. Facility's Phone | |
| 11. WASTE DESCRIPTION | | | | 12. Containers | | 13. Total Quantity | 14. Unit WL/Vol. |
| | | | | No. | Type | | |
| a. GROUND WATER | | | | 001 | TT | 700 | G |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| G. Additional Descriptions for Materials Listed Above Profile # 901-796-01 | | | | H. Handling Codes for Wastes Listed Above | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| <p>16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.</p> | | | | | | | |
| Printed/Typed Name Mark Trevor | | | | Signature <i>Mark Trevor</i> | | Date 11/26/01 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | Signature <i>Ron Owen</i> | | Date 11/26/01 | |
| Printed/Typed Name Ron Owen | | | | Signature | | Date | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | Signature | | Date | |
| Printed/Typed Name | | | | Signature | | Date | |
| 19. Discrepancy Indication Space | | | | | | | |
| 20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. | | | | | | | |
| Printed/Typed Name | | | | Signature | | Date Month Day Year | |

NON-HAZARDOUS WASTE GENERATOR

