EMCON
1921 Ringwood Avenue • San Jose, California 95131-1721 • **(408) 453-7300** • Fax (408) 437-9526

Date December 31, 1997
Project 20805-132.005

To:

only MTBE is detected because to semi annual sampling - Done.

Ms. Eva Chu
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harborbay Parkway, Suite 250
Alameda, California 94502-6577

We are enclosing:

| Copies | Description |
|---|---|
| 1 | Third quarter 1997 groundwater monitoring results report, ARCO service station 6041, Dublin, California |
| | |
| | |

| | | | | | |
|---|---|---|---|---|---|
| For your: | X | Use | Sent by: | X | Regular Mail |
| | | Approval | | | Standard Air |
| | | Review | | | Courier |
| | | Information | | | Other: |

Comments:
The enclosed groundwater monitoring status report is being sent to you per the request of ARCO Products Company. Please call if you have questions or comments.

Gary P. Messerotes
Project Manager

cc: Copy entire document:
Paul Supple, ARCO Products Company
File

Copy transmittal and Table 2:
Scott T. Hooton, BP Oil Company

ARCO Products Company

Date: December 31, 1997

Re: ARCO Station #

6041 • 7249 Village Parkway • Dublin, CA
Third Quarter 1997 Groundwater Monitoring Results

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached proposal or report are true and correct."

Submitted by:

Paul Supple
Environmental Engineer

EMCON
1921 Ringwood Avenue • San Jose, California 95131-1721 • (408) 453-7300 • Fax (408) 437-9526

December 29, 1997
Project 20805-132.005

Mr. Paul Supple
ARCO Products Company
P.O. Box 6549
Moraga, California 94570

Re: Third quarter 1997 groundwater monitoring results, ARCO service station 6041, Dublin, California

Dear Mr. Supple:

This letter presents the results of the third quarter 1997 groundwater monitoring program at ARCO Products Company (ARCO) service station 6041, 7249 Village Parkway, Dublin, California (Figure 1). The semi-annual monitoring program complies with Alameda County Health Care Services Agency (ACHCSA) requirements regarding underground tank investigations.

## LIMITATIONS

No monitoring event is thorough enough to describe all geologic and hydrogeologic conditions of interest at a given site. If conditions have not been identified during the monitoring event, results should not be construed as a guarantee of the absence of such conditions at the site, but rather as the product of the scope and limitations of work performed during the monitoring event.

Please call if you have questions.

Sincerely,

EMCON

Gary P. Messerotes, R.G. 5650
Project Manager

REGISTERED GEOLOGIST
GARY P. MESSEROTES
5650
STATE OF CALIFORNIA

December 29, 1997

# ARCO QUARTERLY REPORT

| | |
|---|---|
| Station No.: 6041 | Address: 7249 Village Parkway, Dublin, California |
| EMCON Project No. | 20805-132.005 |
| ARCO Environmental Engineer/Phone No.: | Paul Supple /(510) 299-8891 |
| EMCON Project Manager/Phone No.: | Gary P. Messerotes/(408) 453-7300 |
| Primary Agency/Regulatory ID No.: | ACHCSA /Eva Chu |

## WORK PERFORMED THIS QUARTER (Third- 1997):

1. Prepared and submitted status report for second quarter 1997.
2. Perform quarterly groundwater monitoring and sampling for third quarter 1997.

## WORK PROPOSED FOR NEXT QUARTER (Fourth- 1997):

1. Prepare and submit quarterly groundwater monitoring report for third quarter 1997.
2. Perform quarterly groundwater monitoring and sampling for fourth quarter 1997.

## QUARTERLY MONITORING:

| | |
|---|---|
| Current Phase of Project: | Semi-Annual Groundwater Monitoring |
| Is Floating Product (FP) Present On-site: | ☐ Yes ☒ No |
| Bulk Soil Removed to Date : | 15 cubic yards of TPH impacted soil |
| Bulk Soil Removed This Quarter : | None |
| Water Wells or Surface Waters, within 2000 ft., impacted by site: | None |
| Current Remediation Techniques: | None |
| Average Depth to Groundwater: | 9.73 feet |
| Groundwater Gradient (Average): | 0.001 ft/ft toward south-southwest |

## ATTACHED:

- Table 1 - Groundwater Monitoring Data, Third Quarter 1997
- Table 2 - Historical Groundwater Elevation and Analytical Data (Petroleum Hydrocarbons and Their Constituents)
- Table 3 - Historical Groundwater Analytical Data (Volatile Organic Compounds by USEPA Method 8240)
- Figure 1 - Site Location
- Figure 2 - Groundwater Data, Third Quarter 1997
- Appendix A - Analytical Results and Chain of Custody Documentation, Third Quarter 1997 Groundwater Monitoring Event

cc: Eva Chu, ACHCSA

# Table 1
## Groundwater Monitoring Data
## Third Quarter 1997

ARCO Service Station 6041
7249 Village Parkway, Dublin, California

Date: 12-05-97

| Well Designation | Water Level Field Date | Top of Casing Elevation | Depth to Water | Groundwater Elevation | Floating Product Thickness | Groundwater Flow Direction | Hydraulic Gradient | Water Sample Field Date | TPHG LUFT Method | Benzene EPA 8020 | Toluene EPA 8020 | Ethylbenzene EPA 8020 | Total Xylenes EPA 8020 | MTBE EPA 8020 | MTBE EPA 8240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ft-MSL | feet | ft-MSL | feet | MWN | ft/ft | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-1 | 08-20-97 | 336.56 | 10.75 | 325.81 | ND | SSW | 0.001 | 08-20-97 | <5000^ | <50^ | <50^ | <50^ | <50^ | 7400 | - - |
| MW-2 | 08-20-97 | 334.80 | 8.87 | 325.93 | ND | SSW | 0.001 | 08-20-97 | <5000^ | <50^ | <50^ | <50^ | <50^ | 3100 | - - |
| MW-3 | 08-20-97 | 335.53 | 9.73 | 325.80 | ND | SSW | 0.001 | 08-20-97 | <5000^ | <50^ | <50^ | <50^ | <50^ | 7700 | - - |
| MW-4 | 08-20-97 | 334.22 | 8.32 | 325.90 | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |
| MW-5 | 08-20-97 | 335.87 | 9.92 | 325.95 | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |
| MW-6 | 08-20-97 | 335.84 | 9.98 | 325.86 | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |
| VW-2 | 08-20-97 | NR | 9.16 | NR | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |

ft-MSL: elevation in feet, relative to mean sea level
MWN: ground-water flow direction and gradient apply to the entire monitoring well network
ft/ft: foot per foot
TPHG: total petroleum hydrocarbons as gasoline, California DHS LUFT Method
µg/L: micrograms per liter
EPA: United States Environmental Protection Agency
MTBE: Methyl tert-butyl ether
ND: none detected
NR: not reported; data not available or not measurable
SSW: south-southwest
^: method reporting limit was raised due to: (1) high analyte concentration requiring sample dilution, or (2) matrix interference
- - : not available, not analyzed

esj/j:\qtr_rpts\6041\6041mdb.xls\Table 1:imi
20805-132.005

# Table 2
## Historical Groundwater Elevation and Analytical Data
## Petroleum Hydrocarbons and Their Constituents
## 1995 - Present*

ARCO Service Station 6041
7249 Village Parkway, Dublin, California

Date: 12-05-97

| Well Designation | Water Level Field Date | Top of Casing Elevation | Depth to Water | Groundwater Elevation | Floating Product Thickness | Groundwater Flow Direction | Hydraulic Gradient | Water Sample Field Date | TPHG LUFT Method | Benzene EPA 8020 | Toluene EPA 8020 | Ethylbenzene EPA 8020 | Total Xylenes EPA 8020 | MTBE EPA 8020 | MTBE EPA 8240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ft-MSL | feet | ft-MSL | feet | MWN | ft/ft | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-1 | 02-15-95 | 336.56 | 8.53 | 328.03 | ND | NR | NR | 02-15-95 | 820 | 15 | <1 | 5.2 | 1.4 | -- | -- |
| MW-1 | 05-24-95 | 336.56 | 9.00 | 327.56 | ND | ESE | 0.002 | 05-24-95 | 640 | 12 | <1 | 7.3 | <1 | -- | -- |
| MW-1 | 08-25-95 | 336.56 | 10.30 | 326.26 | ND | NW | 0.006 | 08-25-95 | 780 | 2 | <1 | 2 | 2 | 2500 | -- |
| MW-1 | 11-28-95 | 336.56 | 11.01 | 325.55 | ND | N | 0.006 | 11-28-95 | 570 | 2.2 | <0.5 | 1.4 | 0.9 | -- | -- |
| MW-1 | 02-26-96 | 336.56 | 7.35 | 329.21 | ND | E | 0.012 | 03-13-96 | 1100 | 28 | <7 | 13 | 7 | 3400 | -- |
| MW-1 | 05-23-96 | 336.56 | 8.73 | 327.83 | ND | FG | FG | 05-23-96 | 560 | 8.5 | <1 | 1.1 | <1 | 3900 | -- |
| MW-1 | 08-23-96 | 336.56 | 10.25 | 326.31 | ND | FG | FG | 08-23-96 | 860 | <1 | <1 | <4 | 2 | 5600 | -- |
| MW-1 | 03-21-97 | 336.56 | 9.35 | 327.21 | ND | SSE | 0.005 | 03-21-97 | 520 | 12 | <0.5 | 2.7 | 1.5 | 6200 | -- |
| MW-1 | 08-20-97 | 336.56 | 10.75 | 325.81 | ND | SSW | 0.001 | 08-20-97 | <5000^ | <50^ | <50^ | <50^ | <50^ | 7400 | -- |
| MW-2 | 02-15-95 | 334.80 | 6.75 | 328.05 | ND | NR | NR | 02-15-95 | 730 | 110 | 1.7 | 25 | 66 | -- | -- |
| MW-2 | 05-24-95 | 334.80 | 6.88 | 327.92 | ND | ESE | 0.002 | 05-24-95 | 370 | 110 | <1 | 17 | 1.9 | -- | -- |
| MW-2 | 08-25-95 | 334.80 | 7.91 | 326.89 | ND | NW | 0.006 | 08-25-95 | 150 | 6 | <1 | <1 | <1 | 2700 | -- |
| MW-2 | 11-28-95 | 334.80 | 9.06 | 325.74 | ND | N | 0.006 | 11-28-95 | <50 | <0.5 | <0.5 | <0.5 | 0.8 | -- | -- |
| MW-2 | 02-26-96 | 334.80 | 6.65 | 328.15 | ND | E | 0.012 | 03-13-96 | 350 | 66 | <0.5 | 11 | 1.7 | <3 | -- |
| MW-2 | 05-23-96 | 334.80 | 6.90 | 327.90 | ND | FG | FG | 05-23-96 | 540 | 140 | <2.5 | 13 | <2.5 | 4600 | -- |
| MW-2 | 08-23-96 | 334.80 | 8.45 | 326.35 | ND | FG | FG | 08-23-96 | 180 | 0.8 | 2 | 0.7 | 2.6 | 4000 | -- |
| MW-2 | 03-21-97 | 334.80 | 7.28 | 327.52 | ND | SSE | 0.005 | 03-21-97 | 410 | 90 | <1^ | 14 | 4 | 3800 | -- |
| MW-2 | 08-20-97 | 334.80 | 8.87 | 325.93 | ND | SSW | 0.001 | 08-20-97 | <5000^ | <50^ | <50^ | <50^ | <50^ | 3100 | -- |

Table 2
Historical Groundwater Elevation and Analytical Data
Petroleum Hydrocarbons and Their Constituents
1995 - Present*

ARCO Service Station 6041
7249 Village Parkway, Dublin, California

Date: 12-05-97

| Well Designation | Water Level Field Date | Top of Casing Elevation | Depth to Water | Groundwater Elevation | Floating Product Thickness | Groundwater Flow Direction | Hydraulic Gradient | Water Sample Field Date | TPHG LUFT Method | Benzene EPA 8020 | Toluene EPA 8020 | Ethylbenzene EPA 8020 | Total Xylenes EPA 8020 | MTBE EPA 8020 | MTBE EPA 8240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ft-MSL | feet | ft-MSL | feet | MWN | ft/ft | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-3 | 02-15-95 | 335.53 | 8.55 | 326.98 | ND | NR | NR | 02-15-95 | 100 | 14 | <0.5 | 6.3 | <0.5 | - - | - - |
| MW-3 | 05-24-95 | 335.53 | 8.17 | 327.36 | ND | ESE | 0.002 | 05-24-95 | 110 | 8 | <0.5 | 2.7 | <0.5 | - - | - - |
| MW-3 | 08-25-95 | 335.53 | 9.27 | 326.26 | ND | NW | 0.006 | 08-25-95 | 210 | 3.6 | <0.5 | 2.9 | 0.6 | 20000 | - - |
| MW-3 | 11-28-95 | 335.53 | 9.91 | 325.62 | ND | N | 0.006 | 11-28-95 | 81 | 1.5 | <0.5 | 1.4 | <0.5 | - - | 15000 |
| MW-3 | 02-26-96 | 335.53 | 8.42 | 327.11 | ND | E | 0.012 | 03-13-96 | 16000 | 1600 | 1200 | 300 | 2000 | 9500 | - - |
| MW-3 | 05-23-96 | 335.53 | 7.70 | 327.83 | ND | FG | FG | 05-23-96 | 6500 | 690 | <10 | 120 | 14 | 8600 | - - |
| MW-3 | 08-23-96 | 335.53 | 9.25 | 326.28 | ND | FG | FG | 08-23-96 | 1700 | 85 | 2.1 | 61 | 5.3 | 11000 | - - |
| MW-3 | 03-21-97 | 335.53 | 8.72 | 326.81 | ND | SSE | 0.005 | 03-21-97 | 100 | 2 | <1^ | 1 | <1^ | 6600 | - - |
| MW-3 | 08-20-97 | 335.53 | 9.73 | 325.80 | ND | SSW | 0.001 | 08-20-97 | <5000^ | <50^ | <50^ | <50^ | <50^ | 7700 | - - |
| MW-4 | 02-15-95 | 334.22 | 7.85 | 326.37 | ND | NR | NR | 02-15-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - - | - - |
| MW-4 | 05-24-95 | 334.22 | 6.68 | 327.54 | ND | ESE | 0.002 | 05-24-95 | Not sampled: well sampled semi-annually, during the first and third quarters | | | | | | |
| MW-4 | 08-25-95 | 334.22 | 6.93 | 327.29 | ND | NW | 0.006 | 08-25-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | - - |
| MW-4 | 11-28-95 | 334.22 | 8.21 | 326.01 | ND | N | 0.006 | 11-28-95 | Not sampled: well sampled semi-annually, during the first and third quarters | | | | | | |
| MW-4 | 02-26-96 | 334.22 | 6.65 | 327.57 | ND | E | 0.012 | 03-13-96 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | - - |
| MW-4 | 05-23-96 | 334.22 | 6.47 | 327.75 | ND | FG | FG | 05-23-96 | Not sampled: well sampled semi-annually, during the first and third quarters | | | | | | |
| MW-4 | 08-23-96 | 334.22 | 7.66 | 326.56 | ND | FG | FG | 08-23-96 | Not sampled: well not part of sampling program | | | | | | |
| MW-4 | 03-21-97 | 334.22 | 6.84 | 327.38 | ND | SSE | 0.005 | 03-21-97 | Not sampled: well not part of sampling program | | | | | | |
| MW-4 | 08-20-97 | 334.22 | 8.32 | 325.90 | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |

Table 2
Historical Groundwater Elevation and Analytical Data
Petroleum Hydrocarbons and Their Constituents
1995 - Present*

ARCO Service Station 6041
7249 Village Parkway, Dublin, California

Date: 12-05-97

| Well Designation | Water Level Field Date | Top of Casing Elevation | Depth to Water | Groundwater Elevation | Floating Product Thickness | Groundwater Flow Direction | Hydraulic Gradient | Water Sample Field Date | TPHG LUFT Method | Benzene EPA 8020 | Toluene EPA 8020 | Ethylbenzene EPA 8020 | Total Xylenes EPA 8020 | MTBE EPA 8020 | MTBE EPA 8240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ft-MSL | feet | ft-MSL | feet | MWN | ft/ft | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-5 | 02-15-95 | 335.87 | 7.80 | 328.07 | ND | NR | NR | 02-15-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| MW-5 | 05-24-95 | 335.87 | 8.10 | 327.77 | ND | ESE | 0.002 | 05-24-95 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-5 | 08-25-95 | 335.87 | 9.43 | 326.44 | ND | NW | 0.006 | 08-25-95 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-5 | 11-28-95 | 335.87 | 10.12 | 325.75 | ND | N | 0.006 | 11-28-95 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-5 | 02-26-96 | 335.87 | 6.73 | 329.14 | ND | E | 0.012 | 03-13-96 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | -- |
| MW-5 | 05-23-96 | 335.87 | 7.87 | 328.00 | ND | FG | FG | 05-23-96 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-5 | 08-23-96 | 335.87 | 9.46 | 326.41 | ND | FG | FG | 08-23-96 | Not sampled: well not part of sampling program | | | | | | |
| MW-5 | 03-21-97 | 335.87 | 8.23 | 327.64 | ND | SSE | 0.005 | 03-21-97 | Not sampled: well not part of sampling program | | | | | | |
| MW-5 | 08-20-97 | 335.87 | 9.92 | 325.95 | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |
| MW-6 | 02-15-95 | 335.84 | 7.81 | 328.03 | ND | NR | NR | 02-15-95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| MW-6 | 05-24-95 | 335.84 | 8.35 | 327.49 | ND | ESE | 0.002 | 05-24-95 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-6 | 08-25-95 | 335.84 | 9.71 | 326.13 | ND | NW | 0.006 | 08-25-95 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-6 | 11-28-95 | 335.84 | 10.28 | 325.56 | ND | N | 0.006 | 11-28-95 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-6 | 02-26-96 | 335.84 | 6.60 | 329.24 | ND | E | 0.012 | 03-13-96 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | -- |
| MW-6 | 05-23-96 | 335.84 | 8.05 | 327.79 | ND | FG | FG | 05-23-96 | Not sampled: well sampled annually, during the first quarter | | | | | | |
| MW-6 | 08-23-96 | 335.84 | 9.58 | 326.26 | ND | FG | FG | 08-23-96 | Not sampled: well not part of sampling program | | | | | | |
| MW-6 | 03-21-97 | 335.84 | 8.39 | 327.45 | ND | SSE | 0.005 | 03-21-97 | Not sampled: well not part of sampling program | | | | | | |
| MW-6 | 08-20-97 | 335.84 | 9.98 | 325.86 | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |
| VW-2 | 03-21-97 | NR | 8.22 | NR | ND | SSE | 0.005 | 03-21-97 | 150 | 8.9 | <0.5 | <0.5 | 0.6 | 270 | -- |
| VW-2 | 08-20-97 | NR | 9.16 | NR | ND | SSW | 0.001 | 08-20-97 | Not sampled: well not part of sampling program | | | | | | |

Table 2
Historical Groundwater Elevation and Analytical Data
Petroleum Hydrocarbons and Their Constituents
1995 - Present*

ARCO Service Station 6041
7249 Village Parkway, Dublin, California

Date: 12-05-97

| Well Designation | Water Level Field Date | Top of Casing Elevation | Depth to Water | Groundwater Elevation | Floating Product Thickness | Groundwater Flow Direction | Hydraulic Gradient | Water Sample Field Date | **TPHG** LUFT Method | **Benzene** EPA 8020 | **Toluene** EPA 8020 | **Ethylbenzene** EPA 8020 | **Total Xylenes** EPA 8020 | **MTBE** EPA 8020 | **MTBE** EPA 8240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ft-MSL | feet | ft-MSL | feet | MWN | ft/ft | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |

ft-MSL: elevation in feet, relative to mean sea level
MWN: ground-water flow direction and gradient apply to the entire monitoring well network
ft/ft: foot per foot
TPHG: total petroleum hydrocarbons as gasoline. California DHS LUFT Method
µg/L: micrograms per liter
EPA: United States Environmental Protection Agency
MTBE: Methyl-tert-butyl ether
ND: none detected
NR: not reported; data not available or not measurable
ESE: east-southeast
NW: northwest
SSE: south-southeast
SSW: south-southwest
N: north
E: east
FG: flat gradient; the groundwater gradient over the local area was nearly flat
^: method reporting limit was raised due to: (1) high analyte concentration requiring sample dilution, or (2) matrix interference
- -: not analyzed or not applicable
*: For previous historical groundwater elevation and analytical data please refer to *Fourth Quarter 1995 Groundwater Monitoring Program Results, ARCO Service Station 6041, Dublin, California,* (EMCON, February 26, 1996).

Table 2
Historical Groundwater Elevation and Analytical Data
Petroleum Hydrocarbons and Their Constituents
1995 - Present*

ARCO Service Station 6041
7249 Village Parkway, Dublin, California

Date: 12-05 7

| Well Designation | Water Level Field Date | Top of Casing Elevation | Depth to Water | Groundwater Elevation | Floating Product Thickness | Groundwater Flow Direction | Hydraulic Gradient | Water Sample Field Date | **TPHG** LUFT Method | **Benzene** EPA 8020 | **Toluene** EPA 8020 | **Ethylbenzene** EPA 8020 | **Total Xylenes** EPA 8020 | **MTBE** EPA 8020 | **MTBE** EPA 8240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ft-MSL | feet | ft-MSL | feet | MWN | ft/ft | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |

Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| **BP Station 1116** | | | | | |
| MW-1 | 02-11-94 | 335.17 | 8.72 | 326.45 | |
| MW-1 | 10-04-94 | 335.17 | 9.66 | 325.51 | |
| MW-1 | 11-18-94 | 335.17 | Not surveyed | | |
| MW-1 | 02-15-95 | 335.17 | 6.56 | 328.61 | |
| MW-1 | 05-24-95 | 335.17 | 6.80 | 328.37 | |
| MW-1 | 08-25-95 | 335.17 | 8.61 | 326.56 | |
| MW-1 | 11-28-95 | 335.17 | 9.54 | 325.63 | |
| MW-1 | 02-26-96 | 335.17 | Not surveyed | | |
| MW-1 | 05-23-96 | 335.17 | 7.13 | 328.04 | |
| MW-1 | 08-23-96 | 335.17 | 6.71 | 328.46 | |
| MW-1 | 12-02-96 | 335.17 | 8.58 | 326.59 | |
| MW-1 | 03-21-97 | 335.17 | Not surveyed | | |
| MW-1 | 08-22-97 | 335.17 | 8.80 | 326.37 | |
| MW-2 | 02-11-94 | 334.58 | 8.10 | 326.48 | |
| MW-2 | 10-04-94 | 334.58 | 9.27 | 325.31 | |
| MW-2 | 11-18-94 | 334.58 | Not surveyed | | |
| MW-2 | 02-15-95 | 334.58 | 5.97 | 328.61 | |
| MW-2 | 05-24-95 | 334.58 | 6.50 | 328.08 | |
| MW-2 | 08-25-95 | 334.58 | 8.30 | 326.28 | |
| MW-2 | 11-28-95 | 334.58 | 9.05 | 325.53 | |
| MW-2 | 02-26-96 | 334.58 | Not surveyed | | |
| MW-2 | 05-23-96 | 334.58 | 6.95 | 327.63 | |
| MW-2 | 08-23-96 | 334.58 | 6.53 | 328.05 | |
| MW-2 | 12-02-96 | 334.58 | 8.40 | 326.18 | |
| MW-2 | 03-21-97 | 334.58 | Not surveyed | | |
| MW-2 | 08-22-97 | 334.58 | 8.55 | 326.03 | |
| MW-3 | 02-11-94 | 335.13 | 8.60 | 326.53 | |
| MW-3 | 10-04-94 | 335.13 | 9.81 | 325.32 | |
| MW-3 | 11-18-94 | 335.13 | Not surveyed | | |
| MW-3 | 02-15-95 | 335.13 | 6.61 | 328.52 | |
| MW-3 | 05-24-95 | 335.13 | 6.83 | 328.30 | |
| MW-3 | 08-25-95 | 335.13 | 8.84 | 326.29 | |
| MW-3 | 11-28-95 | 335.13 | 8.57 | 326.56 | |
| MW-3 | 02-26-96 | 335.13 | Not surveyed | | |
| MW-3 | 05-23-96 | 335.13 | 7.26 | 327.87 | |
| MW-3 | 08-23-96 | 335.13 | 6.84 | 328.29 | |
| MW-3 | 12-02-96 | 335.13 | 8.61 | 326.52 | |
| MW-3 | 03-21-97 | 335.13 | Not surveyed | | |
| MW-3 | 08-22-97 | 335.13 | 8.97 | 326.16 | |

Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| AW-4 | 02-11-94 | 333.41 | 6.84 | 326.57 | |
| AW-4 | 10-04-94 | 333.41 | 8.04 | 325.37 | |
| AW-4 | 11-18-94 | 333.41 | 6.80 | 326.61 | |
| AW-4 | 02-15-95 | 333.41 | 4.91 | 328.50 | |
| AW-4 | 05-24-95 | 333.41 | 5.32 | 328.09 | |
| AW-4 | 08-25-95 | 333.41 | 7.22 | 326.19 | |
| AW-4 | 11-28-95 | 333.41 | 7.81 | 325.60 | |
| AW-4 | 02-26-96 | 333.41 | Not surveyed | | |
| AW-4 | 05-23-96 | 333.41 | 5.17 | 328.24 | |
| AW-4 | 08-23-96 | 333.41 | 4.73 | 328.68 | |
| AW-4 | 12-02-96 | 333.41 | 6.43 | 326.98 | |
| AW-4 | 03-21-97 | 333.41 | Not surveyed | | |
| AW-4 | 08-22-97 | 333.41 | Not surveyed | | |
| AW-5 | 02-11-94 | 334.81 | 8.20 | 326.61 | |
| AW-5 | 10-04-94 | 334.81 | 8.70 | 326.11 | |
| AW-5 | 11-18-94 | 334.81 | 8.20 | 326.61 | |
| AW-5 | 02-15-95 | 334.81 | 6.65 | 328.16 | |
| AW-5 | 05-24-95 | 334.81 | 7.27 | 327.54 | |
| AW-5 | 08-25-95 | 334.81 | 8.52 | 326.29 | |
| AW-5 | 11-28-95 | 334.81 | 9.32 | 325.49 | |
| AW-5 | 02-26-96 | 334.81 | 7.13 | 327.68 | |
| AW-5 | 05-23-96 | 334.81 | 8.58 | 326.23 | |
| AW-5 | 08-23-96 | 334.81 | 8.18 | 326.63 | |
| AW-5 | 12-02-96 | 334.81 | 7.90 | 326.91 | |
| AW-5 | 03-21-97 | 334.81 | Not surveyed | | |
| AW-5 | 08-22-97 | 334.81 | 10.27 | 324.54 | |
| AW-6 | 02-11-94 | 334.90 | 8.04 | 326.86 | |
| AW-6 | 10-04-94 | 334.90 | 9.33 | 325.57 | |
| AW-6 | 11-18-94 | 334.90 | 7.17 | 327.73 | |
| AW-6 | 02-15-95 | 334.90 | 6.19 | 328.71 | |
| AW-6 | 05-24-95 | 334.90 | 6.87 | 328.03 | |
| AW-6 | 08-25-95 | 334.90 | 8.29 | 326.61 | |
| AW-6 | 11-28-95 | 334.90 | 9.20 | 325.70 | |
| AW-6 | 02-26-96 | 334.90 | 5.78 | 329.12 | |
| AW-6 | 05-23-96 | 334.90 | 6.94 | 327.96 | |
| AW-6 | 08-23-96 | 334.90 | 6.50 | 328.40 | |
| AW-6 | 12-02-96 | 334.90 | 8.46 | 326.44 | |
| AW-6 | 03-21-97 | 334.90 | Not surveyed | | |

Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| AW-6 | 08-22-97 | 334.90 | 8.58 | 326.32 | |
| **Former Shell Station** | | | | | |
| MW-1 | 02-11-94 | 334.83 | 8.62 | 326.21 | |
| MW-1 | 08-25-94 | 334.83 | 9.24 | 325.59 | |
| MW-1 | 11-23-94 | 334.83 | 8.74 | 326.09 | |
| MW-1 | 02-15-95 | 334.83 | 6.84 | 327.99 | |
| MW-1 | 05-24-95 | 334.83 | 7.91 | 326.92 | |
| MW-1 | 08-25-95 | 334.83 | 8.11 | 326.72 | |
| MW-1 | 11-28-95 | 334.83 | | | Not surveyed: not scheduled for monitoring |
| MW-1 | 02-26-96 | 334.83 | 5.60 | 329.23 | |
| MW-1 | 05-23-96 | 334.83 | | | Not surveyed: not scheduled for monitoring |
| MW-1 | 08-23-96 | 334.83 | 8.23 | 326.60 | |
| MW-1 | 11-22-96 | 334.83 | | | Not surveyed: not scheduled for monitoring |
| MW-1 | 03-21-97 | 334.83 | | | Not surveyed: not scheduled for monitoring |
| MW-2 | 02-11-94 | 336.96 | 11.04 | 325.92 | |
| MW-2 | 08-25-94 | 336.96 | 11.29 | 325.67 | |
| MW-2 | 11-23-94 | 336.96 | 10.92 | 326.04 | |
| MW-2 | 02-15-95 | 336.96 | 8.90 | 328.06 | |
| MW-2 | 05-24-95 | 336.96 | 10.02 | 326.94 | |
| MW-2 | 08-25-95 | 336.96 | 10.24 | 326.72 | |
| MW-2 | 11-28-95 | 336.96 | | | Not surveyed: not scheduled for monitoring |
| MW-2 | 02-26-96 | 336.96 | 7.54 | 329.42 | |
| MW-2 | 05-23-96 | 336.96 | | | Not surveyed: not scheduled for monitoring |
| MW-2 | 08-23-96 | 336.96 | 10.29 | 326.67 | |
| MW-2 | 11-22-96 | 336.96 | | | Not surveyed: not scheduled for monitoring |
| MW-2 | 03-21-97 | 336.96 | | | Not surveyed: not scheduled for monitoring |
| MW-3 | 02-11-94 | 336.93 | 10.68 | 326.25 | |
| MW-3 | 08-25-94 | 336.93 | 11.30 | 325.63 | |
| MW-3 | 11-23-94 | 336.93 | 10.48 | 326.45 | |
| MW-3 | 02-15-95 | 336.93 | 8.35 | 328.58 | |
| MW-3 | 05-24-95 | 336.93 | 9.67 | 327.26 | |
| MW-3 | 08-25-95 | 336.93 | 9.36 | 327.57 | |
| MW-3 | 11-28-95 | 336.93 | | | Not surveyed: not scheduled for monitoring |
| MW-3 | 02-26-96 | 336.93 | 7.04 | 329.89 | |
| MW-3 | 05-23-96 | 336.93 | | | Not surveyed: not scheduled for monitoring |

Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| MW-3 | 08-23-96 | 336.93 | 10.00 | 326.93 | |
| MW-3 | 11-22-96 | 336.93 | Not surveyed: not scheduled for monitoring | | |
| MW-3 | 03-21-97 | 336.93 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 02-11-94 | 337.14 | 10.71 | 326.43 | |
| MW-4 | 08-25-94 | 337.14 | 10.84 | 326.30 | |
| MW-4 | 11-23-94 | 337.14 | 10.78 | 326.36 | |
| MW-4 | 02-15-95 | 337.14 | 9.49 | 327.65 | |
| MW-4 | 05-24-95 | 337.14 | 10.73 | 326.41 | |
| MW-4 | 08-25-95 | 337.14 | 10.22 | 326.92 | |
| MW-4 | 11-28-95 | 337.14 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 02-26-96 | 337.14 | 7.52 | 329.62 | |
| MW-4 | 05-23-96 | 337.14 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 08-23-96 | 337.14 | 9.84 | 327.30 | |
| MW-4 | 11-22-96 | 337.14 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 03-21-97 | 337.14 | Not surveyed: not scheduled for monitoring | | |
| MW-5 | 02-11-94 | 334.96 | 8.97 | 325.99 | |
| MW-5 | 08-25-94 | 334.96 | 9.19 | 325.77 | |
| MW-5 | 11-23-94 | 334.96 | 8.78 | 326.18 | |
| MW-5 | 02-15-95 | 334.96 | 6.88 | 328.08 | |
| MW-5 | 05-24-95 | 334.96 | 8.04 | 326.92 | |
| MW-5 | 08-25-95 | 334.96 | 8.34 | 326.62 | |
| MW-5 | 11-28-95 | 334.96 | Not surveyed: not scheduled for monitoring | | |
| MW-5 | 02-26-96 | 334.96 | Not surveyed: not scheduled for monitoring | | |
| MW-5 | 05-23-96 | 334.96 | Not surveyed: not scheduled for monitoring | | |
| MW-5 | 08-23-96 | 334.96 | Not surveyed: not scheduled for monitoring | | |
| MW-5 | 11-22-96 | 334.96 | Not surveyed: not scheduled for monitoring | | |
| MW-5 | 03-21-97 | 334.96 | Not surveyed: not scheduled for monitoring | | |
| MW-6 | 02-11-94 | 335.42 | 9.02 | 326.40 | |
| MW-6 | 08-25-94 | 335.42 | 9.79 | 325.63 | |
| MW-6 | 11-23-94 | 335.42 | 9.20 | 326.22 | |
| MW-6 | 02-15-95 | 335.42 | 7.36 | 328.06 | |
| MW-6 | 05-24-95 | 335.42 | 8.80 | 326.62 | |
| MW-6 | 08-25-95 | 335.42 | 8.50 | 326.92 | |
| MW-6 | 11-28-95 | 335.42 | Not surveyed: not scheduled for monitoring | | |
| MW-6 | 02-26-96 | 335.42 | 5.94 | 329.48 | |
| MW-6 | 05-23-96 | 335.42 | Not surveyed: not scheduled for monitoring | | |
| MW-6 | 08-23-96 | 335.42 | 8.88 | 326.54 | |
| MW-6 | 11-22-96 | 335.42 | Not surveyed: not scheduled for monitoring | | |

# Table 3
## Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| MW-6 | 03-21-97 | 335.42 | Not surveyed: not scheduled for monitoring | | |
| MW-7 | 02-11-94 | 333.23 | 6.12 | 327.11 | |
| MW-7 | 08-25-94 | 333.23 | 6.76 | 326.47 | |
| MW-7 | 11-23-94 | 333.23 | 6.75 | 326.48 | |
| MW-7 | 02-15-95 | 333.23 | 5.40 | 327.83 | |
| MW-7 | 05-24-95 | 333.23 | 6.82 | 326.41 | |
| MW-7 | 08-25-95 | 333.23 | 6.46 | 326.77 | |
| MW-7 | 11-28-95 | 333.23 | Not surveyed: not scheduled for monitoring | | |
| MW-7 | 02-26-96 | 333.23 | Not surveyed: not scheduled for monitoring | | |
| MW-7 | 05-23-96 | 333.23 | Not surveyed: not scheduled for monitoring | | |
| MW-7 | 08-23-96 | 333.23 | Not surveyed: not scheduled for monitoring | | |
| MW-7 | 11-22-96 | 333.23 | Not surveyed: not scheduled for monitoring | | |
| MW-7 | 03-21-97 | 333.23 | Not surveyed: not scheduled for monitoring | | |
| MW-8 | 02-11-94 | 335.80 | 8.80 | 327.00 | |
| MW-8 | 08-25-94 | 335.80 | 9.52 | 326.28 | |
| MW-8 | 11-23-94 | 335.80 | 9.08 | 326.72 | |
| MW-8 | 02-15-95 | 335.80 | 6.67 | 329.13 | |
| MW-8 | 05-24-95 | 335.80 | 7.56 | 328.24 | |
| MW-8 | 08-25-95 | 335.80 | 8.60 | 327.20 | |
| MW-8 | 11-28-95 | 335.80 | Not surveyed: not scheduled for monitoring | | |
| MW-8 | 02-26-96 | 335.80 | Not surveyed: not scheduled for monitoring | | |
| MW-8 | 05-23-96 | 335.80 | Not surveyed: not scheduled for monitoring | | |
| MW-8 | 08-23-96 | 335.80 | Not surveyed: not scheduled for monitoring | | |
| MW-8 | 11-22-96 | 335.80 | Not surveyed: not scheduled for monitoring | | |
| MW-8 | 03-21-97 | 335.80 | Not surveyed: not scheduled for monitoring | | |
| MW-9 | 02-11-94 | 334.57 | 8.88 | 325.69 | |
| MW-9 | 08-25-94 | 334.57 | 8.79 | 325.78 | |
| MW-9 | 11-23-94 | 334.57 | 8.65 | 325.92 | |
| MW-9 | 02-15-95 | 334.57 | 7.36 | 327.21 | |
| MW-9 | 05-24-95 | 334.57 | 7.75 | 326.82 | |
| MW-9 | 08-25-95 | 334.57 | 7.90 | 326.67 | |
| MW-9 | 11-28-95 | 334.57 | Not surveyed: not scheduled for monitoring | | |
| MW-9 | 02-26-96 | 334.57 | Not surveyed: not scheduled for monitoring | | |
| MW-9 | 05-23-96 | 334.57 | Not surveyed: not scheduled for monitoring | | |
| MW-9 | 08-23-96 | 334.57 | Not surveyed: not scheduled for monitoring | | |
| MW-9 | 11-22-96 | 334.57 | Not surveyed: not scheduled for monitoring | | |

Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| MW-9 | 03-21-97 | 334.57 | Not surveyed: not scheduled for monitoring | | |
| MW-11 | 02-11-94 | 334.20 | 8.21 | 325.99 | |
| MW-11 | 08-25-94 | 334.20 | 8.68 | 325.52 | |
| MW-11 | 11-23-94 | 334.20 | 8.27 | 325.93 | |
| MW-11 | 02-15-95 | 334.20 | 6.46 | 327.74 | |
| MW-11 | 05-24-95 | 334.20 | 7.69 | 326.51 | |
| MW-11 | 08-25-95 | 334.20 | 7.70 | 326.50 | |
| MW-11 | 11-28-95 | 334.20 | Not surveyed: not scheduled for monitoring | | |
| MW-11 | 02-26-96 | 334.20 | Not surveyed: not scheduled for monitoring | | |
| MW-11 | 05-23-96 | 334.20 | Not surveyed: not scheduled for monitoring | | |
| MW-11 | 08-23-96 | 334.20 | Not surveyed: not scheduled for monitoring | | |
| MW-11 | 11-22-96 | 334.20 | Not surveyed: not scheduled for monitoring | | |
| MW-11 | 03-21-97 | 334.20 | Not surveyed: not scheduled for monitoring | | |
| MW-12 | 02-11-94 | 332.53 | 7.18 | 325.35 | |
| MW-12 | 08-25-94 | 332.53 | 7.24 | 325.29 | |
| MW-12 | 11-23-94 | 332.53 | 7.16 | 325.37 | |
| MW-12 | 02-15-95 | 332.53 | 5.16 | 327.37 | |
| MW-12 | 05-24-95 | 332.53 | 6.95 | 325.58 | |
| MW-12 | 08-25-95 | 332.53 | 5.63 | 326.90 | |
| MW-12 | 11-28-95 | 332.53 | Not surveyed: not scheduled for monitoring | | |
| MW-12 | 02-26-96 | 332.53 | Not surveyed: not scheduled for monitoring | | |
| MW-12 | 05-23-96 | 332.53 | Not surveyed: not scheduled for monitoring | | |
| MW-12 | 08-23-96 | 332.53 | Not surveyed: not scheduled for monitoring | | |
| MW-12 | 11-22-96 | 332.53 | Not surveyed: not scheduled for monitoring | | |
| MW-12 | 03-21-97 | 332.53 | Not surveyed: not scheduled for monitoring | | |
| MW-13 | 02-11-94 | 335.64 | 9.12 | 326.52 | |
| MW-13 | 08-25-94 | 335.64 | 9.32 | 326.32 | |
| MW-13 | 11-23-94 | 335.64 | 9.37 | 326.27 | |
| MW-13 | 02-15-95 | 335.64 | 8.42 | 327.22 | |
| MW-13 | 05-24-95 | 335.64 | 9.90 | 325.74 | |
| MW-13 | 08-25-95 | 335.64 | 8.32 | 327.32 | |
| MW-13 | 11-28-95 | 335.64 | Not surveyed: not scheduled for monitoring | | |
| MW-13 | 02-26-96 | 335.64 | 5.76 | 329.88 | |
| MW-13 | 05-23-96 | 335.64 | Not surveyed: not scheduled for monitoring | | |
| MW-13 | 08-23-96 | 335.64 | 8.66 | 326.98 | |
| MW-13 | 11-22-96 | 335.64 | Not surveyed: not scheduled for monitoring | | |

Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| MW-13 | 03-21-97 | 335.64 | Not surveyed: not scheduled for monitoring | | |
| RW-1 | 08-25-94 | 336.19 | 10.56 | 325.63 | |
| RW-1 | 11-23-94 | 336.19 | 10.07 | 326.12 | |
| RW-1 | 02-15-95 | 336.19 | 8.20 | 327.99 | |
| RW-1 | 05-24-95 | 336.19 | 9.66 | 326.53 | |
| RW-1 | 08-25-95 | 336.19 | 9.37 | 326.82 | |
| RW-1 | 11-28-95 | 336.19 | Not surveyed: not scheduled for monitoring | | |
| RW-1 | 02-26-96 | 336.19 | Not surveyed: not scheduled for monitoring | | |
| RW-1 | 05-23-96 | 336.19 | Not surveyed: not scheduled for monitoring | | |
| RW-1 | 08-23-96 | 336.19 | Not surveyed: not scheduled for monitoring | | |
| RW-1 | 11-22-96 | 336.19 | Not surveyed: not scheduled for monitoring | | |
| RW-1 | 03-21-97 | 336.19 | Not surveyed: not scheduled for monitoring | | |
| **UNOCAL Station** | | | | | |
| MW-1 | 02-11-94 | 336.07 | 9.72 | 326.35 | |
| MW-1 | 05-17-94 | 336.07 | 9.26 | 326.81 | |
| MW-1 | 08-25-94 | 336.07 | 10.58 | 325.49 | |
| MW-1 | 11-18-94 | 336.07 | 9.69 | 326.38 | |
| MW-1 | 02-17-95 | 336.07 | 7.80 | 328.27 | |
| MW-1 | 05-24-95 | 336.07 | 8.98 | 327.09 | |
| MW-1 | 08-25-95 | 336.07 | 9.68 | 326.39 | |
| MW-1 | 11-28-95 | 336.07 | 10.45 | 325.62 | |
| MW-1 | 02-26-96 | 336.07 | 6.45 | 329.62 | |
| MW-1 | 05-23-96 | 336.07 | Not surveyed: not scheduled for monitoring | | |
| MW-1 | 08-23-96 | 336.07 | Not surveyed: not scheduled for monitoring | | |
| MW-1 | 11-22-96 | 336.07 | Not surveyed: not scheduled for monitoring | | |
| MW-1 | 02-12-97 | 336.07 | Not surveyed: not scheduled for monitoring | | |
| MW-2 | 02-[illegible]-94 | 336.78 | 9.85 | 326.93 | |
| MW-2 | 05-17-94 | 336.78 | 9.31 | 327.47 | |
| MW-2 | 08-25-94 | 336.78 | 10.75 | 326.03 | |
| MW-2 | 11-18-94 | 336.78 | 9.95 | 326.83 | |
| MW-2 | 02-17-95 | 336.78 | 7.58 | 329.20 | |
| MW-2 | 05-24-95 | 336.78 | 8.33 | 328.45 | |
| MW-2 | 08-25-95 | 336.78 | 9.76 | 327.02 | |
| MW-2 | 11-28-95 | 336.78 | 10.65 | 326.13 | |
| MW-2 | 02-26-96 | 336.78 | 6.39 | 330.39 | |
| MW-2 | 05-23-96 | 336.78 | Not surveyed: not scheduled for monitoring | | |

Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation ft-MSL | Depth to Water feet | Ground-Water Elevation ft-MSL | Comments |
|---|---|---|---|---|---|
| MW-2 | 08-23-96 | 336.78 | Not surveyed: not scheduled for monitoring | | |
| MW-2 | 11-22-96 | 336.78 | Not surveyed: not scheduled for monitoring | | |
| MW-2 | 02-12-97 | 336.78 | Not surveyed: not scheduled for monitoring | | |
| MW-3 | 02-11-94 | 336.98 | 10.01 | 326.97 | |
| MW-3 | 05-17-94 | 336.98 | 9.49 | 327.49 | |
| MW-3 | 08-25-94 | 336.98 | 10.93 | 326.05 | |
| MW-3 | 11-18-94 | 336.98 | 10.15 | 326.83 | |
| MW-3 | 02-17-95 | 336.98 | 7.62 | 329.36 | |
| MW-3 | 05-24-95 | 336.98 | 8.26 | 328.72 | |
| MW-3 | 08-25-95 | 336.98 | 10.03 | 326.95 | |
| MW-3 | 11-28-95 | 336.98 | 10.85 | 326.13 | |
| MW-3 | 02-26-96 | 336.98 | 6.39 | 330.59 | |
| MW-3 | 05-23-96 | 336.98 | Not surveyed: not scheduled for monitoring | | |
| MW-3 | 08-23-96 | 336.98 | Not surveyed: not scheduled for monitoring | | |
| MW-3 | 11-22-96 | 336.98 | Not surveyed: not scheduled for monitoring | | |
| MW-3 | 02-12-97 | 336.98 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 02-11-94 | 336.43 | 10.10 | 326.33 | |
| MW-4 | 05-17-94 | 336.43 | 9.63 | 326.80 | |
| MW-4 | 08-25-94 | 336.43 | 10.94 | 325.49 | |
| MW-4 | 11-18-94 | 336.43 | 10.10 | 326.33 | |
| MW-4 | 02-17-95 | 336.43 | 8.12 | 328.31 | |
| MW-4 | 05-24-95 | 336.43 | 8.68 | 327.75 | |
| MW-4 | 08-25-95 | 336.43 | 10.08 | 326.35 | |
| MW-4 | 11-28-95 | 336.43 | 10.81 | 325.62 | |
| MW-4 | 02-26-96 | 336.43 | 6.75 | 329.68 | |
| MW-4 | 05-23-96 | 336.43 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 08-23-96 | 336.43 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 11-22-96 | 336.43 | Not surveyed: not scheduled for monitoring | | |
| MW-4 | 02-12-97 | 336.43 | Not surveyed: not scheduled for monitoring | | |
| MW-5 | 02-11-94 | 335.96 | 10.08 | 325.88 | |
| MW-5 | 05-17-94 | 335.96 | 9.24 | 326.72 | |
| MW-5 | 08-25-94 | 335.96 | 10.43 | 325.53 | |
| MW-5 | 11-18-94 | 335.96 | 10.09 | 325.87 | |
| MW-5 | 02-17-95 | 335.96 | 7.76 | 328.20 | |
| MW-5 | 05-24-95 | 335.96 | 7.98 | 327.98 | |
| MW-5 | 08-25-95 | 335.96 | 9.57 | 326.39 | |
| MW-5 | 11-28-95 | 335.96 | 10.33 | 325.63 | |
| MW-5 | 02-26-96 | 335.96 | 7.15 | 328.81 | |
| MW-5 | 05-23-96 | 335.96 | 8.65 | 327.31 | |
| MW-5 | 08-23-96 | 335.96 | 10.02 | 325.94 | |
| MW-5 | 11-22-96 | 335.96 | 10.16 | 325.80 | |
| MW-5 | 02-12-97 | 335.96 | 7.18 | 328.78 | |

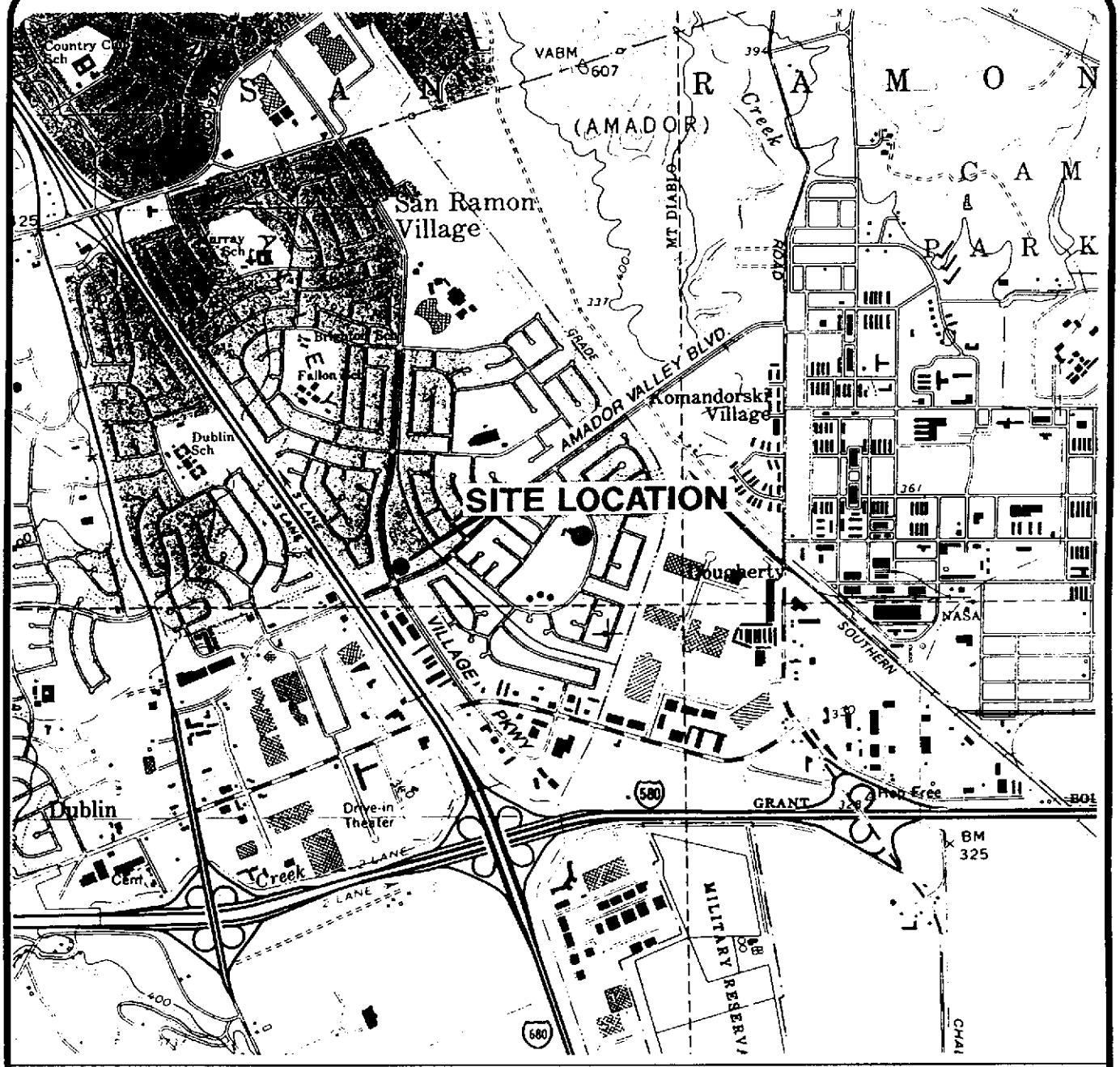
Table 3
Historical Groundwater Elevation Data

BP Station 1116, 7197 Village Parkway
Former Shell Station, 7194 Amador Valley Boulevard
UNOCAL Station, 7375 Amador Valley Boulevard

Date: 11-24-97

| Well Designation | Water Level Field Date | TOC Elevation | Depth to Water | Ground-Water Elevation | Comments |
|---|---|---|---|---|---|
| | | ft-MSL | feet | ft-MSL | |

TOC: top of casing
ft-MSL: elevation in feet, relative to mean sea level

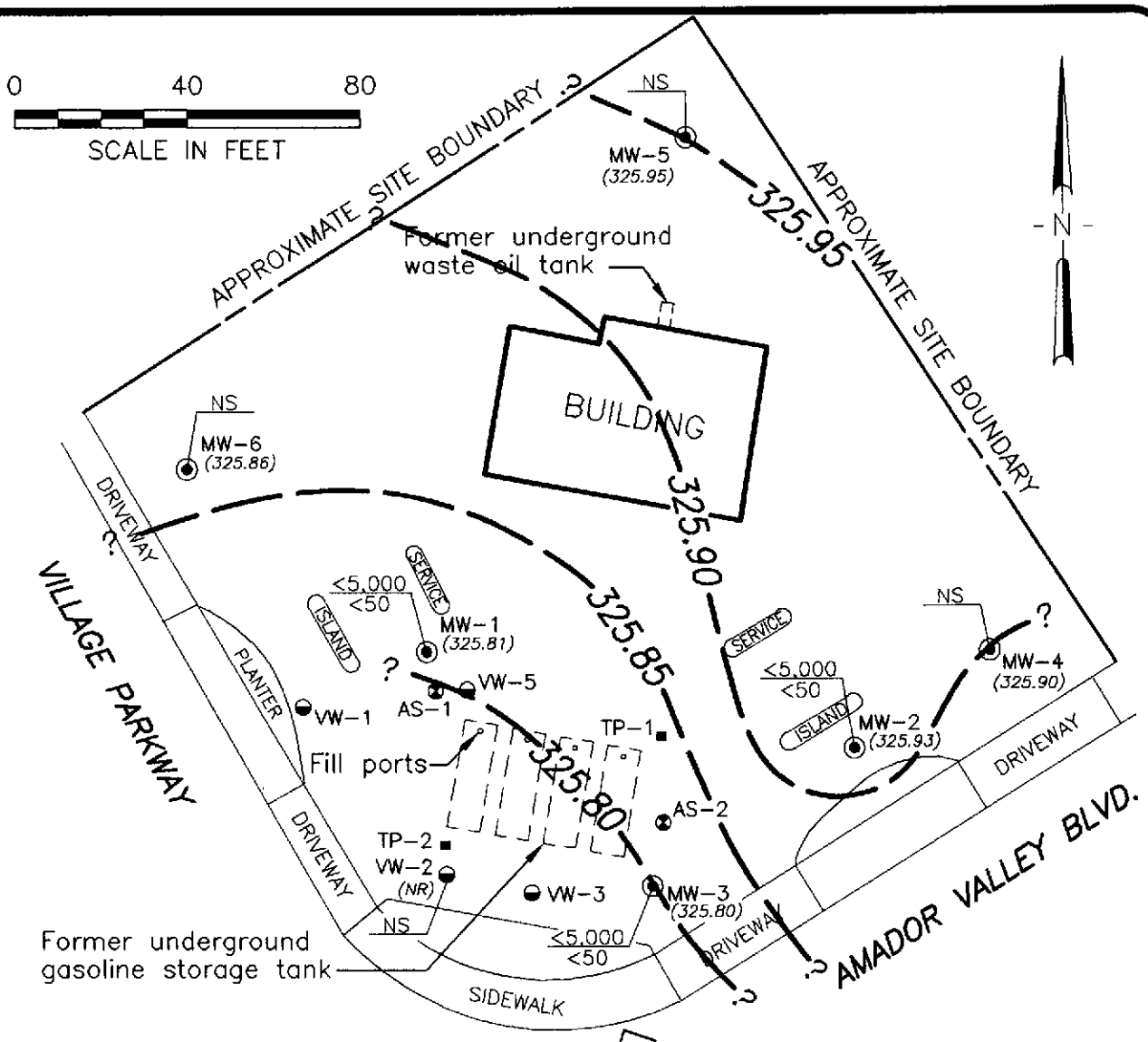



EMCON

| | |
|---|---|
| DATE | NOV. 1997 |
| DWN | KAJ |
| APP | |
| REV | |
| PROJECT NO. | 805-132.005 |

**FIGURE 1**
ARCO PRODUCTS COMPANY
SERVICE STATION 6041, 7249 VILLAGE PKWY.
DUBLIN, CALIFORNIA
**QUARTERLY GROUNDWATER MONITORING**
**SITE LOCATION**

EA-SANJOSE-CAD/DRAWINGS: I:\0Z002\SITELOC.dwg Xrefs: <NONE>
Scale: 1 = 1.00 DimScale: 1 = 1.00 Date: 3/12/97 Time: 5:19 PM Operator: KAJ




EXPLANATION

- ◉ Groundwater monitoring well
- ■ Tank pit observation well
- ◒ Vapor extraction well
- ◙ Air sparge well
- NS Not sampled; not scheduled for chemical analysis
- NR Not recorded
- < Method reporting limit was raised due to high analyte concentration requiring sample dilution or matrix interference

(325.80) Groundwater elevation (Ft.–MSL) measured 3/21/97

Groundwater elevation contour (Ft.–MSL)

<5,000 TPHG concentration (ug/L); sampled 3/21/97

<50 Benzene concentration (ug/L); sampled 3/21/97

EMCON

DATE NOV. 1997
DWN KAJ
APP
REV
PROJECT NO.
805-132.005

**FIGURE 2**
ARCO PRODUCTS COMPANY
SERVICE STATION 6041, 7249 VILLAGE PKWY
DUBLIN, CALIFORNIA
**QUARTERLY GROUNDWATER MONITORING**
**GROUNDWATER DATA - 3RD QUARTER 1997**

EA-SANJOSE-CAD/DRAWINGS: G:\805-132\SJGWEL-A.dwg Xrefs: <NONE>
Scale: 1 = 40.00 DimScale: 1 = 40.00 Date: 12/2/97 Time: 11:04 AM Operator: KAJ

# APPENDIX A

# ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION, THIRD QUARTER 1997 GROUNDWATER MONITORING EVENT

Columbia Analytical Services inc.

September 4, 1997 Service Request No.: S9701596

Gary Messerotes
EMCON
1921 Ringwood Avenue
San Jose, CA 95131

**RE: 20805-132.003/TO#21133.00/6041 DUBLIN**

Dear Mr. Messerotes:

The following pages contain analytical results for sample(s) received by the laboratory on August 20, 1997. Results of sample analyses are followed by Appendix A which contains sample custody documentation and quality assurance deliverables requested for this project. The work requested has been assigned the Service Request No. listed above. To help expedite our service, please refer to this number when contacting the laboratory.

Analytical results were produced by procedures consistent with Columbia Analytical Services' (CAS) Quality Assurance Manual (with any deviations noted). Signature of this CAS Analytical Report below confirms that pages 2 through 10, following, have been thoroughly reviewed and approved for release in accord with CAS Standard Operating Procedure ADM-DatRev3.

Please feel welcome to contact me should you have questions or further needs.

Sincerely,

Steven L. Green
Project Chemist

Greg Anderson
Regional QA Coordinator

## COLUMBIA ANALYTICAL SERVICES, Inc.

### Acronyms

| | |
|---|---|
| **A2LA** | American Association for Laboratory Accreditation |
| **ASTM** | American Society for Testing and Materials |
| **BOD** | Biochemical Oxygen Demand |
| **BTEX** | Benzene, Toluene, Ethylbenzene, Xylenes |
| **CAM** | California Assessment Metals |
| **CARB** | California Air Resources Board |
| **CAS Number** | Chemical Abstract Service registry Number |
| **CFC** | Chlorofluorocarbon |
| **CFU** | Colony-Forming Unit |
| **COD** | Chemical Oxygen Demand |
| **DEC** | Department of Environmental Conservation |
| **DEQ** | Department of Environmental Quality |
| **DHS** | Department of Health Services |
| **DLCS** | Duplicate Laboratory Control Sample |
| **DMS** | Duplicate Matrix Spike |
| **DOE** | Department of Ecology |
| **DOH** | Department of Health |
| **EPA** | U. S. Environmental Protection Agency |
| **ELAP** | Environmental Laboratory Accreditation Program |
| **GC** | Gas Chromatography |
| **GC/MS** | Gas Chromatography/Mass Spectrometry |
| **IC** | Ion Chromatography |
| **ICB** | Initial Calibration Blank sample |
| **ICP** | Inductively Coupled Plasma atomic emission spectrometry |
| **ICV** | Initial Calibration Verification sample |
| **J** | Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding. |
| **LCS** | Laboratory Control Sample |
| **LUFT** | Leaking Underground Fuel Tank |
| **M** | Modified |
| **MBAS** | Methylene Blue Active Substances |
| **MCL** | Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA. |
| **MDL** | Method Detection Limit |
| **MPN** | Most Probable Number |
| **MRL** | Method Reporting Limit |
| **MS** | Matrix Spike |
| **MTBE** | Methyl tert-Butyl Ether |
| **NA** | Not Applicable |
| **NAN** | Not Analyzed |
| **NC** | Not Calculated |
| **NCASI** | National Council of the paper industry for Air and Stream Improvement |
| **ND** | Not Detected at or above the method reporting/detection limit (MRL/MDL) |
| **NIOSH** | National Institute for Occupational Safety and Health |
| **NTU** | Nephelometric Turbidity Units |
| **ppb** | Parts Per Billion |
| **ppm** | Parts Per Million |
| **PQL** | Practical Quantitation Limit |
| **QA/QC** | Quality Assurance/Quality Control |
| **RCRA** | Resource Conservation and Recovery Act |
| **RPD** | Relative Percent Difference |
| **SIM** | Selected Ion Monitoring |
| **SM** | Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992 |
| **STLC** | Solubility Threshold Limit Concentration |
| **SW** | Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TDS** | Total Dissolved Solids |
| **TPH** | Total Petroleum Hydrocarbons |
| **tr** | Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding. |
| **TRPH** | Total Recoverable Petroleum Hydrocarbons |
| **TSS** | Total Suspended Solids |
| **TTLC** | Total Threshold Limit Concentration |
| **VOA** | Volatile Organic Analyte(s) |

ACRONLST.DOC 7/14/95

## COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | ARCO Products Company | **Service Request:** | S9701596 |
| **Project:** | 20805-132.003/TO#21133.00/6041 DUBLIN | **Date Collected:** | 8/20/97 |
| **Sample Matrix:** | Water | **Date Received:** | 8/20/97 |

BTEX, MTBE and TPH as Gasoline

| | | | |
|---|---|---|---|
| Sample Name: | MW-3(14') | Units: | ug/L (ppb) |
| Lab Code: | S9701596-001 | Basis: | NA |
| Test Notes: | C1 | | |

| Analyte | Prep Method | Analysis Method | MRL | Dilution Factor | Date Extracted | Date Analyzed | Result | Result Notes |
|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline | EPA 5030 | CA/LUFT | 50 | 100 | NA | 8/26/97 | <5000 | |
| Benzene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Toluene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Ethylbenzene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Xylenes, Total | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Methyl *tert*-Butyl Ether | EPA 5030 | 8020 | 3 | 100 | NA | 8/26/97 | 7700 | |

C1 The MRL was elevated due to high analyte concentration requiring sample dilution.

lS22/020597p

## COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | ARCO Products Company | **Service Request:** | S9701596 |
| **Project:** | 20805-132.003/TO#21133.00/6041 DUBLIN | **Date Collected:** | 8/20/97 |
| **Sample Matrix:** | Water | **Date Received:** | 8/20/97 |

BTEX, MTBE and TPH as Gasoline

| | | | |
|---|---|---|---|
| Sample Name: | MW-2(14') | Units: | ug/L (ppb) |
| Lab Code: | S9701596-002 | Basis: | NA |
| Test Notes: | C1 | | |

| Analyte | Prep Method | Analysis Method | MRL | Dilution Factor | Date Extracted | Date Analyzed | Result | Result Notes |
|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline | EPA 5030 | CA/LUFT | 50 | 100 | NA | 8/26/97 | <5000 | |
| Benzene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Toluene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Ethylbenzene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Xylenes, Total | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Methyl *tert*-Butyl Ether | EPA 5030 | 8020 | 3 | 100 | NA | 8/26/97 | 3100 | |

C1 The MRL was elevated due to high analyte concentration requiring sample dilution.

1S22/020597p

## COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | ARCO Products Company | **Service Request:** | S9701596 |
| **Project:** | 20805-132.003/TO#21133.00/6041 DUBLIN | **Date Collected:** | 8/20/97 |
| **Sample Matrix:** | Water | **Date Received:** | 8/20/97 |

BTEX, MTBE and TPH as Gasoline

| | | | |
|---|---|---|---|
| Sample Name: | MW-1(17') | Units: | ug/L (ppb) |
| Lab Code: | S9701596-003 | Basis: | NA |
| Test Notes: | C1 | | |

| Analyte | Prep Method | Analysis Method | MRL | Dilution Factor | Date Extracted | Date Analyzed | Result | Result Notes |
|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline | EPA 5030 | CA/LUFT | 50 | 100 | NA | 8/26/97 | <5000 | |
| Benzene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Toluene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Ethylbenzene | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Xylenes, Total | EPA 5030 | 8020 | 0.5 | 100 | NA | 8/26/97 | <50 | |
| Methyl *tert*-Butyl Ether | EPA 5030 | 8020 | 3 | 100 | NA | 8/26/97 | 7400 | |

C1 The MRL was elevated due to high analyte concentration requiring sample dilution.

1S22/020597p

## COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | ARCO Products Company | **Service Request:** | S9701596 |
| **Project:** | 20805-132.003/TO#21133.00/6041 DUBLIN | **Date Collected:** | NA |
| **Sample Matrix:** | Water | **Date Received:** | NA |

BTEX, MTBE and TPH as Gasoline

| | | | |
|---|---|---|---|
| Sample Name: | Method Blank | Units: | ug/L (ppb) |
| Lab Code: | S970825-WB1 | Basis: | NA |
| Test Notes: | | | |

| Analyte | Prep Method | Analysis Method | MRL | Dilution Factor | Date Extracted | Date Analyzed | Result | Result Notes |
|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline | EPA 5030 | CA/LUFT | 50 | 1 | NA | 8/25/97 | ND | |
| Benzene | EPA 5030 | 8020 | 0.5 | 1 | NA | 8/25/97 | ND | |
| Toluene | EPA 5030 | 8020 | 0.5 | 1 | NA | 8/25/97 | ND | |
| Ethylbenzene | EPA 5030 | 8020 | 0.5 | 1 | NA | 8/25/97 | ND | |
| Xylenes, Total | EPA 5030 | 8020 | 0.5 | 1 | NA | 8/25/97 | ND | |
| Methyl *tert*-Butyl Ether | EPA 5030 | 8020 | 3 | 1 | NA | 8/25/97 | ND | |

1S22/020597p

## COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

**Client:** ARCO Products Company
**Project:** 20805-132.003/TO#21133.00/6041 DUBLIN
**Sample Matrix:** Water

**Service Request:** S9701596
**Date Collected:** NA
**Date Received:** NA
**Date Extracted:** NA
**Date Analyzed:** NA

Surrogate Recovery Summary
BTEX, MTBE and TPH as Gasoline

Prep Method: EPA 5030
Analysis Method: 8020 CA/LUFT

Units: PERCENT
Basis: NA

| Sample Name | Lab Code | Test Notes | Percent Recovery 4-Bromofluorobenzene | Percent Recovery a,a,a-Trifluorotoluene |
|---|---|---|---|---|
| MW-3(14') | S9701596-001 | | 104 | 85 |
| MW-2(14') | S9701596-002 | | 103 | 83 |
| MW-1(17') | S9701596-003 | | 105 | 87 |
| BATCH QC | S9701590-006MS | | 106 | 96 |
| BATCH QC | S9701590-006DMS | | 111 | 102 |
| Method Blank | S970825-WB1 | | 102 | 94 |
| CAS Acceptance Limits: | | | 69-116 | 69-116 |

SUR2/020397p

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** ARCO Products Company
**Project:** 20805-132.003/TO#21133.00/6041 DUBLIN
**Sample Matrix** Water

**Service Request:** S9701596
**Date Collected:** NA
**Date Received:** NA
**Date Extracted:** NA
**Date Analyzed:** 8/25/97

Matrix Spike/Duplicate Matrix Spike Summary
TPH as Gasoline

Sample Name: BATCH QC
Lab Code: S9701590-006MS, S9701590-006DMS
Test Notes:

Units: ug/L (ppb)
Basis: NA

| Analyte | Prep Method | Analysis Method | MRL | Spike Level MS | Spike Level DMS | Sample Result | Spike Result MS | Spike Result DMS | Percent Recovery MS | Percent Recovery DMS | CAS Acceptance Limits | Relative Percent Difference | Result Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline | EPA 5030 | CA/LUFT | 50 | 5000 | 5000 | 1800 | 6600 | 6800 | 96 | 100 | 75-135 | 3 | |

DMS/020597p

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

| | | | |
|---|---|---|---|
| **Client:** | ARCO Products Company | **Service Request:** | S9701596 |
| **Project:** | 20805-132.003/TO#21133.00/6041 DUBLIN | **Date Analyzed:** | 8/25/97 |

Initial Calibration Verification (ICV) Summary
BTEX, MTBE and TPH as Gasoline

| | | | |
|---|---|---|---|
| Sample Name: | ICV | Units: | ug/L (ppb) |
| Lab Code: | ICV1 | Basis: | NA |
| Test Notes: | | | |

ICV Source:

| Analyte | Prep Method | Analysis Method | True Value | Result | CAS Percent Recovery Acceptance Limits | Percent Recovery | Result Notes |
|---|---|---|---|---|---|---|---|
| TPH as Gasoline | EPA 5030 | CA/LUFT | 250 | 270 | 90-110 | 108 | |
| Benzene | EPA 5030 | 8020 | 25 | 23 | 85-115 | 92 | |
| Toluene | EPA 5030 | 8020 | 25 | 25 | 85-115 | 100 | |
| Ethylbenzene | EPA 5030 | 8020 | 25 | 24 | 85-115 | 96 | |
| Xylenes, Total | EPA 5030 | 8020 | 75 | 72 | 85-115 | 96 | |
| Methyl *tert*-Butyl Ether | EPA 5030 | 8020 | 25 | 23 | 85-115 | 92 | |

ICV/032196

VOA P

**ARCO Products Company**
Division of AtlanticRichfieldCompany

**Task Order No.** 21133.00

**Chain of Custody**

| | | | |
|---|---|---|---|
| ARCO Facility no. 041 | City (Facility) Dublin | Project manager (Consultant) Gary Messerotes | Laboratory name CAS |
| ARCO engineer Paul Supple | Telephone no. (ARCO) | Telephone no. (Consultant) (408)453-7300 | Fax no. (Consultant) (408)453-0452 |
| Consultant name EMCON | | Address (Consultant) 1921 Ringwood Ave, San Jose, CA 95131 | Contract number |

Method of shipment: Sampler will deliver

| Sample I.D. | Lab no. | Container no. | Matrix: Soil | Matrix: Water | Matrix: Other | Preservation: Ice | Preservation: Acid | Sampling date | Sampling time | BTEX 602/EPA 8020 | BTEX/TPH as gas EPA M602/8020/8015 | TPH Modified 8015 Gas ☐ Diesel ☐ | Oil and Grease 413.1 ☐ 413.2 ☐ | TPH EPA 418.1/SM503E | EPA 601/8010 | EPA 624/8240 | EPA 625/8270 | TCLP Metals ☐ VOA ☐ Semi VOA ☐ | CAM Metals EPA 6010/7000 TTLC ☐ STLC ☐ | Lead Org./DHS ☐ Lead EPA 7420/7421 ☐ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-3(14') | ① | 2 | | X | | X | HCL | 8/20/97 | 1100 | | X | | | | | | | | | | | |
| MW-2(-) | | 2 | | X | | X | HCL | | ~~1109~~ | | X | no samples taken | | | | | | | Dry well | | | |
| MW-2(14') | ② | 2 | | X | | X | HCL | | 1124 | | X | | | | | | | | | | | |
| MW-1(~~8~~-) | ③ | 2 | | X | | X | HCL | ↓ | 1150 | | X | | | | | | | | | | | |

Special detection Limit/reporting: Lowest Possible

Special QA/QC: As Normal

Remarks: 2-40ml HCL VOAs

#20805-132.002

Lab number: S9701596

Turnaround time

- Priority Rush 1 Business Day ☐
- Rush 2 Business Days ☐
- Expedited 5 Business Days ☐
- Standard 10 Business Days

| | | | |
|---|---|---|---|
| Condition of sample: | | Temperature received: | |
| Relinquished by sampler | Date 8/20/97 Time 1755 | Received by | |
| Relinquished by | Date Time | Received by | |
| Relinquished by | Date Time | Received by laboratory | Date Time 17:55 |