## TABLE 1

### SOIL ANALYTICAL RESULTS
Concentration in samples expressed as ug/g (ppm)
March 27, 1997

| Sample I.D. Depth in feet | TPHd | TPHg | Benzene | Toluene | Ethylbenzene | Xylenes | MTBE | Lead EPA Method 6010A |
|---|---|---|---|---|---|---|---|---|
| B1-13' | ND | 8,200 | ND | 170 | 140 | 810 | ND | 38.5 |
| B1-31' | ND | 1,100 | ND | 17 | 9 | 110 | ND | 1.7 |
| B1-40' | ND | 34 | .72 | 3.8 | .38 | 4.8 | ND | 7.7 |
| B2-13' | ND | 10,000 | ND | 69 | 39 | 640 | ND | 3.2 |
| B2-34' | ND | 2,200 | ND | 39 | 23 | 170 | ND | 13.2 |
| B2-40' | ND | 4,200 | ND | 150 | 64 | 340 | ND | 4.1 |
| B3-16' | NA | NA | NA | NA | NA | NA | NA | 2.4 |
| B3-19' | ND | ND | ND | ND | ND | ND | ND | 2.5 |
| B3-37' | ND | 6.8 | ND | .22 | ND | 1.5 | ND | 1.6 |
| B3-40' | ND | ND | ND | ND | .05 | .2 | ND | 7.3 |

Notes:
1. Xylenes reported as total of Ortho, Meta and Para isomers.
2. Gasoline reported as total volatile petroleum hydrocarbons.
3. Extractable petroleum hydrocarbons in the boiling range of Diesel, calculated as Diesel.
4. MTBE = Methyl-tert-Butyl Ether.
5. ND = None detected at or above the practical quantitation limit.
6. TPHg = Total Petroleum Hydrocarbons as gasoline..
7. TPHd = Total Petroleum Hydrocarbons as diesel.
8. NA = Not analyzed

## TABLE 2

### AIR ANALYTICAL RESULTS
### EPA Method 6010A
Concentrations expressed in Mg/L

| Sample I.D. | Date Sampled | TPHg | Benzene | Toluene | Ethylbenzene | Xylenes |
|---|---|---|---|---|---|---|
| A-15-B1 | 3/27/97 | 18,000 | ND | 860 | 170 | 1,300 |
| A-15-B2 | 3/27/97 | 15,000 | 15 | 750 | 150 | 1,000 |
| A-15-B3 | 3/27/97 | 290 | 0.7 | 9.2 | 2.3 | 22 |

# TABLE 3
# SOIL ANALYTICAL RESULTS
# JULY-AUGUST 2000
Concentrations in ug/g (ppm)

| DATE | SAMPLE ID | TPHG | B | T | E | X | MTBE |
|---|---|---|---|---|---|---|---|
| 08/02/00 | BH4-22 | <5.0 | <0.05 | 0.12 | <0.05 | 0.07 | <0.05 |
| 08/02/00 | BH4-40 | 5.5 | <0.05 | 0.09 | 0.06 | 0.28 | <0.05 |
| 08/02/00 | BH4-63 | <5.0 | <0.05 | 0.06 | 0.17 | 0.05 | <0.05 |
| 08/02/00 | BH4-67 | <5.0 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 |
| 07/18/00 | BH5-10 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 07/18/00 | BH5-19 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 07/18/00 | BH5-25 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 07/18/00 | BH5-31 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 07/18/00 | BH5-37 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 07/18/00 | BH5-49 | <5.0 | 0.78 | <0.05 | 0.15 | <0.05 | <0.1 |
| 07/18/00 | BH5-58 | 3,700 | 8.5 | 110 | 54 | 210 | <25 |
| 07/18/00 | BH5-67 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 07/17/00 | BH6-16 | 6,500 | <2.5 | 44 | 36 | 470 | <2.5 |
| 07/17/00 | BH6-46 | 57 | 7.3 | 12 | 0.83 | 3.6 | <0.5 |
| 07/17/00 | BH6-55 | 2,400 | 27 | 150 | 35 | 150 | <12 |
| 07/17/00 | BH6-58 | 12 | 0.61 | 1.7 | 0.17 | 0.83 | <0.1 |
| 07/17/00 | BH6-61 | <5.0 | 0.27 | 0.09 | 0.2 | 0.12 | <0.05 |
| 07/17/00 | BH6-64 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.5 |
| 07/17/00 | BH6-67 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.5 |
| 08/03/00 | BH7-40 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 08/03/00 | BH7-55 | 360 | <0.5 | 2.9 | 3.3 | 11 | <0.5 |
| 08/03/00 | BH7-63 | 15 | 1.9 | 2.7 | 0.28 | 0.95 | <0.05 |
| 08/03/00 | BH8-20 | <5.0 | <0.05 | <0.05 | <0.05 | 0.09 | <0.05 |
| 08/03/00 | BH8-30 | 1,300 | <0.6 | 1.9 | 0.92 | 43 | <0.6 |
| 08/03/00 | BH8-40 | 1,600 | 6.2 | 100 | 31 | 150 | <0.5 |
| 08/03/00 | BH8-50 | 440 | 8.0 | 33 | 6.9 | 32 | <2.0 |
| 08/03/00 | BH8-60 | <5.0 | 0.47 | <0.05 | 0.3 | 0.1 | <0.05 |
| 08/03/00 | BH8-70 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 08/04/00 | BH9-58 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 08/04/00 | BH9-64 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 07/17/00 | BH10-10 | 3,900 | <2.5 | 42 | 31 | 250 | <2.5 |
| 07/17/00 | BH10-25 | 8,500 | <20 | 31 | 34 | 410 | <20 |
| 07/18/00 | BH10-32 | <5.0 | <0.05 | <0.05 | <0.05 | 0.07 | <0.05 |
| 07/18/00 | BH10-40 | 12 | <0.05 | <0.05 | <0.05 | 1.6 | <0.05 |
| 07/18/00 | BH10-58 | <5.0 | 0.23 | 0.32 | 0.15 | 0.42 | <0.05 |
| 07/18/00 | BH10-61 | 11 | 0.7 | 1.2 | 0.45 | 0.57 | <0.1 |

Notes

| | | |
|---|---|---|
| TPHg | = | Total Petroleum Hydrocarbons as Gasoline (EPA 8015M) |
| B | = | Benzene (EPA 8020) |
| T | = | Toluene (EPA 8020) |
| E | = | Ethylbenzene (EPA 8020) |
| X | = | Xylenes (EPA 8020) |
| MTBE | = | Methyl tert Butyl Ether (EPA 8020) |

# TABLE 4
# SOIL VAPOR ANALYTICAL RESULTS
# JULY 2000

*Concentrations in mg/m$^3$*

| CONSTITUENT | BH6-7 | BH6-16 |
|---|---|---|
| Methylene Chloride | 0.037 | <4.7 |
| Benzene | 0.018 | 4.5 |
| Trichloroethene | 0.042 | <7.3 |
| Toluene | 0.063 | 1100 |
| Ethyl benzene | 0.011 | 170 |
| m,p-Xylene | 0.043 | 1900 |
| o-Xylene | 0.014 | 510 |
| 1,3,5-Trimethylbenzene | 0.01 | 70 |
| 1,2,4-Trimethylbenzene | 0.031 | 140 |
| 1,4-Dichlorobenzene | 0.0052 | <8.2 |
| Acetone | 0.24 | <13 |
| 2-Propanol | 0.0081 | <13 |
| 2-Butanone | 0.023 | <16 |
| Hexane | 0.047 | <19 |
| Cyclohexane | 0.012 | <19 |
| 4-Ethyltoluene | 0.025 | 260 |
| Ethanol | 0.044 | <10 |
| Methyl tert-Butyl Ether | 0.038 | <20 |
| Heptane | <0.013 | 310 |

Analysis by EPA Method TO-14

# TABLE 5
## GROUNDWATER ANALYTICAL RESULTS
## JULY-AUGUST 2000
Concentrations in ug/L (ppb)

| DATE | SAMPLE ID | TPHG | B | T | E | X | MTBE |
|---|---|---|---|---|---|---|---|
| 08/02/00 | BH4-67GW | 41,000 | 3,000 | 5,700 | 1,100 | 3,100 | <25 |
| 07/18/00 | BH5-67GW | 130,000 | 940 | 520 | 2,700 | 2,800 | <750 |
| 07/17/00 | BH6-61GW | 3,800 | 71 | 360 | 68 | 370 | <25 |
| 08/03/00 | BH7-64GW | 110,000 | 17,000 | 24,000 | 2,200 | 7,300 | <150 |
| 08/03/00 | BH8-60GW | 46,000 | 2,200 | 5,900 | 1,100 | 3,700 | <150 |
| 08/04/00 | BH9-61GW | 260 | 4.3 | 30 | 3.9 | 18 | <2.0 |

**Notes**

| | | |
|---|---|---|
| TPHg | = | *Total Petroleum Hydrocarbons as Gasoline (EPA 8015M)* |
| B | = | Benzene (EPA 8020) |
| T | = | Toluene (EPA 8020) |
| E | = | Ethylbenzene (EPA 8020) |
| X | = | Xylenes (EPA 8020) |
| MTBE | = | Methyl tert Butyl Ether (EPA 8020) |

# TABLE 6
# SOIL ANALYTICAL RESULTS
# PETROLEUM HYDROCARBON CONSTITUENTS
# JUNE 2002

Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | TPHD | TPHK | TPHG | B | T | E | X | Lead | CB | DCB | DCA | EDB | TBA | MTBE | DIPE | ETBE | TAME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/05/02 | MW1-5 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 8.7 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-10 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 7.7 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-15 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | <3.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-20 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | <3.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-25 | 1.3b | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | <3.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-30 | 8.1b | 6.8 | <1.0 | <0.005 | <0.005 | <0.005 | 0.018 | <3.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-35 | 6.7c | 11 | 12a | 0.022 | 0.78 | 0.21 | 2.2 | 6.2 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-40 | 5.1c | 7.9 | 13a | 0.16 | 0.74 | 0.42 | 1.8 | 4.5 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-45 | 24c | 27 | 160a | 0.85 | 0.31 | 2.5 | 9.7 | 7.3 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-50 | 2.5c | 3.6 | 20a | 2.7 | 0.036 | 0.63 | 1.2 | 5.3 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-55 | 130c | 160 | 110a | 5.3 | 15 | 1.9 | 8.7 | 7.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-60 | 2.7c | 4.0 | 14a | 2.2 | 5.3 | 0.60 | 1.3 | <3.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-65 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | 0.0096 | <0.005 | 7.7 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-70 | <1.0 | <1.0 | <1.0 | 0.0066 | 0.019 | <0.005 | 0.0054 | 7.9 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| 06/03/02 | MW2-50 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 8.7 | <0.005 | <0.005 | 0.0092 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW2-55 | 65c | 64 | 370b,d | 0.14 | 2.5 | 2.9 | 10 | 4.6 | <0.40 | <0.40 | <0.40 | <0.40 | <4.0 | <0.40 | <0.40 | <0.40 | <0.40 |
| | MW2-60 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 6.1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW2-65 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 8.8 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW2-70 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 8.1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW2-75 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 8.3 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| 06/06/02 | MW3-45 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 7.6 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-50 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 6.6 | <0.005 | <0.005 | 0.012 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-55 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 4.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-60 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 7.1 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-65 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 6.3 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-70 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 5.4 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| 06/04/02 | MW4-45 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 6.7 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW4-50 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | 10 | <0.005 | <0.005 | 0.013 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW4-55 | 4.3c | 4.6 | 21a | 0.70 | 6.5 | 0.80 | 3.3 | 3.5 | <0.24 | <0.24 | <2.4 | <0.24 | <0.24 | <0.24 | <0.24 | <0.24 | <0.24 |
| | MW4-60 | 1.4c | 1.4 | 4.3a | 0.62 | 0.32 | 0.31 | 0.16 | 5.8 | <0.094 | <0.094 | <0.94 | <0.094 | <0.094 | <0.094 | <0.094 | <0.094 | <0.094 |
| | MW4-65 | <1.0 | <1.0 | <1.0 | <0.005 | 0.017 | <0.005 | <0.005 | 6.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW4-70 | <1.0 | <1.0 | <1.0 | <0.005 | 0.017e | <0.005 | 0.00759e | 4.9 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |

# TABLE 6
# SOIL ANALYTICAL RESULTS
# PETROLEUM HYDROCARBON CONSTITUENTS
# JUNE 2002

Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | TPHD | TPHK | TPHG | B | T | E | X | Lead | CB | DCB | DCA | EDB | TBA | MTBE | DIPE | ETBE | TAME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/04/02 | MW5-45 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | **5.6** | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-50 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | **6.5** | <0.005 | <0.005 | **0.0071** | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-55 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | **4.7** | <0.005 | <0.005 | **0.0058** | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-60 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | **3.1** | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-65 | <1.0 | <1.0 | <1.0 | **0.015** | <0.005 | <0.005 | <0.005 | <3.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-70 | <1.0 | <1.0 | <1.0 | <0.005 | <0.005 | <0.005 | <0.005 | **6.3** | <0.005 | <0.005 | <0.005 | <0.005 | <0.050 | <0.005 | <0.005 | <0.005 | <0.005 |

**Notes**

| | | | | | |
|---|---|---|---|---|---|
| TPHD | = | Total Petroleum Hydrocarbons as Diesel by EPA 8015C | DCB | = | Dichlorobenzenes by EPA 5035/8260B |
| TPHK | = | Total Petroleum Hydrocarbons as Kerosene by EPA 8015C | DCA | = | 1,2-Dichloroethane by EPA 5035/8260B |
| TPHg | = | Total Petroleum Hydrocarbons as Gasoline by EPA 8015Cm | EDB | = | Ethylene Dibromide by EPA 5035260B |
| B | = | Benzene by EPA 8021B | TBA | = | t-Butyl Alcohol by EPA 5035/8260B |
| T | = | Toluene by EPA 8021B | MTBE | = | Methyl-t-Butyle Ether by EPA 5035/8260B |
| E | = | Ethylbenzene by EPA 8021B | DIPE | = | Di-Isopropyl Ether by EPA 5035/8260B |
| X | = | Xylenes by EPA 8021B | ETBE | = | Ethyl-t-Butyl Ether by EPA 5035/8260B |
| Lead | = | Lead by EPA 6010C | TAME | = | t-Amyl Methyl Ether by EPA 5035/8260B |
| CB | = | Chlorobenzene by EPA 5035/8260B | NA | = | t-Amyl Methyl Ether by EPA 5035/8260B |
| a | = | Unmodified or weakly modified gasoline is significant | | | |
| b | = | Diesel range compounds are significant; no recognizable pattern | | | |
| c | = | Gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline? | | | |
| d | = | No recognizable pattern | | | |
| e | = | Result is from EPA 5035/8260B; Method EPA 8021B was non-detect for all analytes | | | |

# TABLE 7
# SOIL ANALYTICAL RESULTS
# VOLATILE ORGANIC COMPOUNDS
# EPA METHOD 5035/8260B

Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | Benzene | n-Butyl benzene | 1,1-DCE | Ethyl-benzene | 4-Isopropyl toluene | Napth | Toluene | 1,2,4-TMB | Xylenes | 1,2-DCA | Isopropyl benzene | n-Propyl benzene | 1,3,5-TMB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/05/02 | MW1-5 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-10 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-15 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-20 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-25 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW1-30 | <0.005 | **0.028** | <0.005 | **0.016** | **0.0074** | **0.019** | <0.005 | **0.049** | **0.036** | <0.005 | <0.005 | <0.005 | **0.012** |
| | MW1-35 | <0.10 | <0.10 | <0.10 | **0.21** | <0.10 | **0.091** | **0.021** | **0.29** | **0.20** | <0.10 | <0.10 | **0.016** | **0.075** |
| | MW1-40 | **0.10** | <0.10 | <0.10 | **0.31** | <0.10 | **0.49** | **0.62** | **1.1** | **2.1** | <0.10 | <0.10 | <0.10 | **0.28** |
| | MW1-45 | **0.69** | **0.74** | <0.40 | **1.9** | <0.40 | **0.22** | **0.57** | **0.93** | **1.3** | <0.40 | <0.40 | <0.10 | **0.24** |
| | MW1-50 | **2.3** | <0.10 | <0.10 | **0.51** | <0.10 | **1.3** | <0.40 | **9.8** | **7.1** | **0.19** | <0.10 | **1.3** | **3.3** |
| | MW1-55 | **2.6** | <0.50 | <0.50 | **1.4** | <0.50 | **0.22** | <0.10 | **0.82** | **0.90** | <0.50 | <0.50 | **0.14** | **0.27** |
| | MW1-60 | **1.2** | <0.20 | <0.20 | **0.46** | <0.20 | <1.0 | **11** | **3.5** | **6.2** | <0.20 | <0.20 | <0.50 | **1.1** |
| | MW1-65 | **0.014** | <0.005 | <0.005 | **0.320** | <0.005 | <0.40 | **4.0** | **0.57** | **0.97** | **0.029** | <0.005 | <0.20 | <0.20 |
| | MW1-70 | **0.0088** | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | **0.034** | **0.044** | **0.014** | <0.005 | <0.005 | **0.0087** | **0.026** |
| 06/03/02 | MW2-50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | **0.033** | <0.005 | **0.0098** | <0.005 | | <0.005 | <0.005 |
| | MW2-55 | <0.40 | **1.6** | <0.40 | **2.6** | **0.46** | <0.005 | <0.005 | <0.005 | <0.005 | **0.0092** | <0.005 | | |
| | MW2-60 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | **1.5** | **1.2** | **14** | **8.5** | <0.40 | **0.54** | **2.4** | **4.8** |
| | MW2-65 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW2-70 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW2-75 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| 06/06/02 | MW3-45 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-55 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-60 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-65 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW3-70 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| 06/04/02 | MW4-45 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW4-50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW4-55 | **0.60** | <0.24 | <2.4 | **0.62** | <0.24 | <0.48 | **6.0** | **0.69** | **2.3** | **0.013** | <0.24 | <0.24 | <0.24 |
| | MW4-60 | **0.50** | <0.094 | <0.094 | **0.20** | <0.094 | <0.19 | **0.23** | <0.094 | <0.094 | <0.24 | <0.094 | <0.094 | <0.094 |
| | MW4-65 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.094 | <0.005 | <0.005 | <0.005 |
| | MW4-70 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | **0.017** | <0.005 | **0.00759** | <0.005 | <0.005 | <0.005 | <0.005 |

# TABLE 7
# SOIL ANALYTICAL RESULTS
# VOLATILE ORGANIC COMPOUNDS
# EPA METHOD 5035/8260B
Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | Benzene | n-Butyl benzene | 1,1-DCE | Ethyl-benzene | 4-Isopropyl toluene | Napth | Toluene | 1,2,4-TMB | Xylenes | 1,2-DCA | Isopropyl benzene | n-Propyl benzene | 1,3,5-TMB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/04/02 | MW5-45 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | **0.0071** | <0.005 | <0.005 | <0.005 |
| | MW5-55 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | **0.0058** | <0.005 | <0.005 | <0.005 |
| | MW5-60 | <0.005 | <0.005 | **0.0061** | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-65 | **0.021** | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW5-70 | <0.005 | <0.005 | | | | | | | | | | | |

Notes

DCE = Dichloroethene
DCA = Dichloroethane
Napth = Napthalene
TMB = Trimethylbenzene

**TABLE 8**
**FREE PRODUCT MONITORING AND REMOVAL**
Former Pure-Etch Company Facility
1031 Industrial Way, Salinas, California

| Date | Depth to Product (feet) | Depth to Water (feet) | Product Thickness (feet) | Volume Removed (gallons) | Product Thickness After Bailing (feet) |
|---|---|---|---|---|---|
| 06/18/02 | 55.65 | 57.07 | 1.42 | 0.00 | No Bailing |
| 10/24/02 | 57.60 | 58.76 | 1.16 | 0.50 | 0.00 |
| 11/14/02 | 57.96 | 58.03 | 0.07 | 0.25 | 0.00 |
| 11/27/02 | 58.00 | 58.07 | 0.07 | 0.13 | 0.01 |
| 12/12/02 | 58.07 | 58.08 | 0.01 | 0.25 | 0.00 |
| 12/23/02 | 58.05 | 58.08 | 0.03 | 0.25 | 0.00 |
| 01/06/03 | 57.98 | 57.98 | 0.00 | 0.00 | 0.00 |
| 01/28/03 | 57.60 | 57.60 | 0.00 | 0.00 | 0.00 |
| 02/27/03 | 57.31 | 57.31 | 0.00 | 0.00 | 0.00 |
| 04/04/03 | 56.95 | 56.95 | 0.00 | 0.00 | 0.00 |
| 05/15/03 | 56.62 | 56.62 | 0.00 | 0.00 | 0.00 |
| 06/11/03 | 56.62 | 56.62 | 0.00 | 0.00 | 0.00 |
| 07/17/03 | 56.98 | 56.98 | 0.00 | 0.00 | 0.00 |
| 08/19/03 | 57.42 | 57.50 | 0.08 | 0.13 | 0.00 |
| 09/19/03 | 57.70 | 57.78 | 0.08 | 0.40 | 0.00 |
| 10/06/03 | 58.09 | 58.15 | 0.06 | 0.13 | 0.00 |
| 10/14/03 | 58.30 | 58.32 | 0.02 | 0.13 | 0.00 |
| 11/05/03 | 58.43 | 58.43 | 0.00 | 0.00 | 0.00 |
| 12/09/03 | 58.51 | 58.51 | 0.00 | 0.00 | 0.00 |
| 12/30/03 | 58.48 | 58.48 | 0.00 | 0.00 | 0.00 |
| 01/28/04 | 58.11 | 58.11 | 0.00 | 0.00 | 0.00 |
| **Total Volume Purged (gallons)** | | | | **2.15** | |

# TABLE 9
## WELL CONSTRUCTION DETAILS
Former Pure-Etch Facility, Salinas, CA


| WELL ID | WELL DIAMETER (INCHES) | SCREENED INTERVAL (FEET BGS) | SCREEN DETAILS | DEPTH TO WATER (FEET BGS) | SOIL TYPE IN SCREENED INTERVAL | SOIL IMPACT | GROUNDWATER IMPACT |
|---|---|---|---|---|---|---|---|
| MW1 | 2 | 45-70 | 0.010-inch Slots, #2/12 sand pack 43-70 ft. | 55-60 | CL, ML | Low to Moderate at Capillary Fringe | High |
| MW2 | 2 | 50-75 | 0.010-inch Slots, #2/12 sand pack 48-75 ft. | 55-56 | CL, MH, CH | Low at Capillary Fringe | Low |
| MW3 | 2 | 45-70 | 0.010-inch Slots, #2/12 sand pack 43-70 ft. | 55-59 | CL, ML, CL/CH | None | None-Very Low |
| MW4 | 2 | 45-70 | 0.010-inch Slots, #2/12 sand pack 43-70 ft. | 57-62 | CL, ML, CL/CH | Low at Capillary Fringe | Moderate to High |
| MW5 | 2 | 45-70 | 0.010-inch Slots, #2/12 sand pack 43-70 ft. | 57-58 | CL, ML, SM, SW-SC | None to Very Low | Low |
| MW6 | 4 | 52-72 | 0.010-inch Slots, #2/12 sand pack 50-72 ft. | 60 | CL | Moderate to High at Capillary Fringe | High |
| MW6-VP1 | ¼ Tubing | 5 | GVP Tip w/screen, #2/12 sand pack 4-6 ft. | - | CL | None | - |
| MW6-VP2 | ¼ Tubing | 25 | GVP Tip w/screen, #2/12 sand pack 24-26 | - | SW | Moderate to High | - |
| MW7 | 4 | 52-72 | 0.010-inch Slots, #2/12 sand pack 50-72 ft. | 60 | CL, ML, SW | Low at Capillary Fringe | Low to Moderate |
| MW8 | 2 | 52-72 | 0.010-inch Slots, #2/12 sand pack 50-72 ft. | 62.5 | CL, CL/ML, SW | None | None |
| MW9 | 2 | 52-72 | 0.010-inch Slots, #2/12 sand pack 50-72 ft. | 61.5 | CL, CL/ML, SW | None | None |
| MW9-VP1 | ¼ Tubing | 5 | GVP Tip w/screen, #2/12 sand pack 4-6 ft. | - | CL | None | - |
| MW9-VP2 | ¼ Tubing | 25 | GVP Tip w/screen, #2/12 sand pack 24-26 | - | SW | None | - |

**TABLE 9**
**WELL CONSTRUCTION DETAILS**
Former Pure-Etch Facility, Salinas, CA


| WELL ID | WELL DIAMETER (INCHES) | SCREENED INTERVAL (FEET BGS) | SCREEN DETAILS | DEPTH TO WATER (FEET BGS) | SOIL TYPE IN SCREENED INTERVAL | SOIL IMPACT | GROUNDWATER IMPACT |
|---|---|---|---|---|---|---|---|
| MW10 | 2 | 52-72 | 0.010-inch Slots, #2/12 sand pack 50-72 ft. | 59 | CL, CH | None | None |
| MW11 | 2 | 60-80 | 0.010-inch Slots, #2/12 sand pack 58-80 ft. | 61 | CL, SC, SW | None | None |
| MW11-VP1 | ¼ Tubing | 5 | GVP Tip w/screen, #2/12 sand pack 4-6 ft. | - | CL | None | - |
| MW11-VP2 | ¼ Tubing | 25 | GVP Tip w/screen, #2/12 sand pack 24-26 | - | SW | None | - |
| VEW-1 | 4 | 16-36 | 0.10-inch Slots, pea gravel sand pack 14-38 ft. | - | SW, SP, SC | High | - |

# TABLE 10
## SUMMARY OF SAMPLES AND ANALYSES
Former Pure-Etch Facility, Salinas, CA


| Well No. | Location Description | Matrix | Sample Locations | Analyses |
|---|---|---|---|---|
| MW6 | Near the UST | Soil | Sample at 5-foot intervals. Each sample submitted for laboratory analyses. Samples collected and preserved using EPA Method 5035. | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B |
| MW6 | Near the UST | Soil | Samples collected at same depths as vapor probes (5 feet and 25 feet below ground surface) | Density<br>Soil moisture<br>Effective permeability<br>Porosity<br>Grain size distribution analysis |
| MW6 | Near the UST | Vapor | Vapor samples collected from annular vapor probes at depths of 5 and 25 feet below ground surface scheduled for March 29, 2004. | VOCs by EPA 8260B or TO-15<br>Oxygen by ASTM 1946<br>Nitrogen by ASTM 1946<br>Carbon dioxide by ASTM 1946<br>Methane by ASTM 1946 |
| MW6 | Near the UST | Groundwater | Groundwater collected from well | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B<br>(Tentatively ID all spikes in 8260B) |
| MW7 | Downgradient of well MW1 | Soil | Sample at 5-foot intervals. Each sample collected within the screened interval (50-72 feet bgs) and any other samples exceeding 500 ppm on PID submitted for laboratory analyses. Samples collected and preserved using EPA Method 5035. | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B |
| MW7 | Downgradient of well MW1 | Groundwater | Groundwater collected from well | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B<br>(Tentatively ID all spikes in 8260B) |
| MW8, MW9, MW10 | At downgradient property border | Soil | Sample at 5-foot intervals. Each sample collected within the screened interval (50-72 feet bgs) and any other samples exceeding 500 ppm on PID submitted for laboratory analyses. Samples collected and preserved using EPA Method 5035. | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B |

# TABLE 10
## SUMMARY OF SAMPLES AND ANALYSES
Former Pure-Etch Facility, Salinas, CA


| Well No. | Location Description | Matrix | Sample Locations | Analyses |
|---|---|---|---|---|
| MW9 | At downgradient property border | Soil | Samples collected at same depths as vapor probes (5 feet and 25 feet below ground surface) | Density<br>Organic carbon content of soil<br>Soil moisture<br>Effective permeability<br>Porosity<br>Grain size distribution analysis |
| MW9 | At downgradient property border | Vapor | Vapor samples collected from annular vapor probes at depths of 5 and 25 feet bgs scheduled for March 29, 2004. | VOCs by EPA 8260B or TO-15 |
| MW8, MW9, MW10 | At downgradient property border | Groundwater | Groundwater collected from well | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B<br>(Tentatively ID all spikes in 8260B) |
| MW11 | East of UST (cross-gradient) | Soil | Sample at 5-foot intervals. Each sample collected within the screened interval (60-80 feet bgs) and any other samples exceeding 500 ppm on PID submitted for laboratory analyses. Samples collected and preserved using EPA Method 5035. | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B |
| MW11 | East of UST (cross-gradient) | Soil | Samples collected at same depths as vapor probes (5 feet and 25 feet below ground surface) | Density<br>Organic carbon content of soil<br>Soil moisture<br>Effective permeability<br>Porosity<br>Grain size distribution analysis |
| MW11 | East of UST (cross-gradient) | Vapor | Vapor samples collected from annular vapor probes installed at depths of 5 and 25 feet bgs scheduled for March 29, 2004 | VOCs by EPA 8260B or TO-15 |
| MW11 | East of UST (cross-gradient) | Groundwater | Groundwater collected from well | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B<br>(Tentatively ID all spikes in 8260B) |
| VEW1 | Near the UST | Soil | Sample at 5-foot intervals. Each sample submitted for laboratory analyses. Samples collected and preserved using EPA Method 5035. | TPHg 8015B/BTEX 8021B<br>MTBE 8260B<br>TAME 8260B<br>TBA 8260B<br>DIPE 8260B<br>ETBE 8260B<br>Chlorobenzene 8260B<br>Dichlorobenzene 8260B<br>1,2-dichloroethane 8260B<br>ethylene dibromide 8260B |
| VEW1 | Near the UST | Vapor | Vapor samples will be collected during vapor extraction test from well (and/or influent) and from effluent, scheduled for March 20, 2004 | TPHg by TO-14A<br>BTEX/MTBE by TO-14A |

**TABLE 11**
**GROUNDWATER ELEVATION DATA**
Former Pure Etch Facility
1031 Industrial Avenue, Salinas, CA
*(in feet)*

| Date | Well | Casing Elevation | Depth to Water | Groundwater Elevation |
|---|---|---|---|---|
| 06/18/02 | MW1 a | 58.37 | 55.93 | 2.44 |
| | MW2 | 58.45 | 55.66 | 2.79 |
| | MW3 | 60.07 | 56.56 | 3.51 |
| | MW4 | 59.50 | 57.68 | 1.82 |
| | MW5 | 58.90 | 57.19 | 1.71 |
| 09/19/03 | MW1 a | 58.37 | 57.72 | 0.65 |
| | MW2 | 58.45 | 57.71 | 0.74 |
| | MW3 | 60.07 | 58.95 | 1.12 |
| | MW4 | 59.50 | 59.73 | -0.23 |
| | MW5 | 58.90 | 59.20 | -0.30 |
| 12/30/03 | MW1 | 58.37 | 58.48 | -0.11 |
| | MW2 | 58.45 | 58.16 | 0.29 |
| | MW3 | 60.07 | 59.11 | 0.96 |
| | MW4 | 59.50 | 60.21 | -0.71 |
| | MW5 | 58.90 | 59.71 | -0.81 |
| | MW6 | 60.18 | 59.99 | 0.19 |
| | MW7 | 58.93 | 59.71 | -0.78 |
| | MW8 | 61.70 | 62.48 | -0.78 |
| | MW9 | 60.83 | 61.57 | -0.74 |
| | MW10 | 59.71 | 58.87 | 0.84 |
| | MW11 | 60.66 | 60.67 | -0.01 |
| 01/28/04 | MW1 | 58.37 | 58.17 | 0.20 |
| | MW2 | 58.45 | 57.95 | 0.50 |
| | MW3 | 60.07 | 58.55 | 1.52 |
| | MW4 | 59.50 | 60.08 | -0.58 |
| | MW5 | 58.90 | 59.61 | -0.71 |
| | MW6 | 60.18 | 59.79 | 0.39 |
| | MW7 | 58.93 | 59.61 | -0.68 |
| | MW8 | 61.70 | 62.40 | -0.70 |
| | MW9 | 60.83 | 61.49 | -0.66 |
| | MW10 | 59.71 | 58.80 | 0.91 |
| | MW11 | 60.66 | 58.96 | 1.70 |

**Notes:**
Top of casing elevations surveyed relative to mean sea level by Morrow Surveying, June 2002 and January 2004
a = Measured depth to water corrected for the presence of free petroleum product

# TABLE 12
# SOIL ANALYTICAL RESULTS
# PETROLEUM HYDROCARBON CONSTITUENTS
# DECEMBER 2003

Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | TPHG | B | T | E | X | CB | DCB | DCA | EDB | TBA | MTBE | DIPE | ETBE | TAME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/17/03 | MW6-5 | <0.54 | <0.0027 | <0.0027 | <0.0027 | <0.0027 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.027 | <0.0055 | <0.0055 | <0.0055 | <0.0055 |
| | MW6-10 | <0.51 | <0.0026 | <0.0026 | <0.0026 | <0.0026 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.030 | <0.0059 | <0.0059 | <0.0059 | <0.0059 |
| | MW6-15 | **610g,b** | <0.057 | **0.20** | **0.093** | **56** | <2.5 | <2.5 | <2.5 | <2.5 | <12 | <2.5 | <2.5 | <2.5 | <2.5 |
| | MW6-20 | **370g,b** | <0.060 | **0.070** | <0.060 | **22** | <2.9 | <2.9 | <2.9 | <2.9 | <15 | <2.9 | <2.9 | <2.9 | <2.9 |
| | MW6-25 | **1.6g** | <0.0030 | **0.0037** | <0.0030 | **0.065** | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.029 | <0.0059 | <0.0059 | <0.0059 | <0.0059 |
| | MW6-30 | **1.9g,b** | <0.0031 | **0.0066** | <0.0031 | **0.16** | <0.012 | <0.012 | <0.012 | <0.012 | <0.059 | <0.012 | <0.012 | <0.012 | <0.012 |
| | MW6-35 | **3.1g** | <0.0028 | **0.0090** | <0.0028 | **0.32** | <0.0057 | <0.0057 | <0.0057 | <0.0057 | **0.041** | <0.0057 | <0.0057 | <0.0057 | <0.0057 |
| | MW6-40 | **13a** | **0.20** | **0.65** | **0.091** | **1.9** | <0.041 | <0.041 | **0.057** | **0.056** | <0.20 | <0.041 | <0.041 | <0.041 | <0.041 |
| | MW6-45 | **3.8a** | **0.084** | **0.017** | **0.19** | **0.028** | <0.005 | <0.005 | **0.22** | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW6-50 | **4.0a** | **0.082** | **0.016** | **0.16** | **0.0096** | <0.005 | <0.005 | **0.12** | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW6-55 | **750a** | **11** | **69** | **16** | **69** | <5.0 | <5.0 | <5.0 | <5.0 | <25 | <5.0 | <5.0 | <5.0 | <5.0 |
| | MW6-60 | **23a** | **2.2** | **4.8** | **0.63** | **1.3** | <0.20 | <0.20 | <0.20 | <0.20 | <0.98 | <0.20 | <0.20 | <0.20 | <0.20 |
| | MW6-65 | **1.3a** | **0.049** | **0.25** | **0.028** | **0.10** | <0.010 | <0.010 | <0.010 | <0.010 | <0.051 | <0.010 | <0.010 | <0.010 | <0.010 |
| | MW6-72 | <0.51 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.032 | <0.032 | <0.032 | <0.032 | <0.16 | <0.032 | <0.032 | <0.032 | <0.032 |
| 12/17/03 | MW7-50 | <0.50 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0053 | <0.0053 | **0.0064** | <0.0053 | <0.026 | <0.0053 | <0.0053 | <0.0053 | <0.0053 |
| | MW7-55 | **5.0a** | **0.0087** | **0.067** | **0.24** | **0.54** | <0.020 | <0.020 | <0.020 | <0.020 | <0.10 | <0.020 | <0.020 | <0.020 | <0.020 |
| | MW7-60 | **1.4a** | **0.34** | **0.013** | **0.097** | **0.034** | <0.019 | <0.019 | <0.019 | <0.019 | <0.095 | <0.019 | <0.019 | <0.019 | <0.019 |
| | MW7-65 | <0.49 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW7-70 | <0.48 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.026 | <0.0051 | <0.0051 | <0.0051 | <0.0051 |
| 12/17/03 | MW8-50 | <0.50 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW8-55 | <0.53 | <0.0027 | <0.0027 | <0.0027 | <0.0027 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.026 | <0.0051 | <0.0051 | <0.0051 | <0.0051 |
| | MW8-60 | <0.49 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.024 | <0.0047 | <0.0047 | <0.0047 | <0.0047 |
| | MW8-65 | <0.48 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.027 | <0.0055 | <0.0055 | <0.0055 | <0.0055 |
| | MW8-72 | <0.50 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.026 | <0.0052 | <0.0052 | <0.0052 | <0.0052 |
| 12/16/03 | MW9-50 | <0.49 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.026 | <0.0052 | <0.0052 | <0.0052 | <0.0052 |
| | MW9-55 | <0.51 | <0.0026 | <0.0026 | <0.0026 | <0.0026 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.025 | <0.0051 | <0.0051 | <0.0051 | <0.0051 |
| | MW9-60 | <0.49 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.025 | <0.0049 | <0.0049 | <0.0049 | <0.0049 |
| | MW9-65 | <0.48 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.023 | <0.0046 | <0.0046 | <0.0046 | <0.0046 |
| | MW9-72 | <0.49 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| 12/15/03 | MW10-50 | <0.50 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.025 | <0.0049 | <0.0049 | <0.0049 | <0.0049 |
| | MW10-55 | <0.49 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW10-60 | <0.52 | <0.0026 | <0.0026 | <0.0026 | <0.0026 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.028 | <0.0056 | <0.0056 | <0.0056 | <0.0056 |
| | MW10-65 | <0.49 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.027 | <0.0053 | <0.0053 | <0.0053 | <0.0053 |
| | MW10-72 | <0.55 | <0.0027 | <0.0027 | <0.0027 | <0.0027 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.030 | <0.0059 | <0.0059 | <0.0059 | <0.0059 |

# TABLE 12
# SOIL ANALYTICAL RESULTS
# PETROLEUM HYDROCARBON CONSTITUENTS
# DECEMBER 2003

Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | TPHG | B | T | E | X | CB | DCB | DCA | EDB | TBA | MTBE | DIPE | ETBE | TAME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/19/03 | MW11-60 | <0.52 | <0.0026 | <0.0026 | <0.0026 | <0.0026 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.024 | <0.0048 | <0.0048 | <0.0048 | <0.0048 |
| | MW11-65 | <0.49 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.041 | <0.0083 | <0.0083 | <0.0083 | <0.0083 |
| | MW11-70 | <0.50 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW11-75 | <0.43 | <0.0021 | <0.0021 | <0.0021 | <0.0021 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.023 | <0.0045 | <0.0045 | <0.0045 | <0.0045 |
| | MW11-80 | <0.48 | <0.0024 | <0.0024 | <0.0024 | <0.0024 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.023 | <0.0045 | <0.0045 | <0.0045 | <0.0045 |
| 12/18/03 | VW1-5 | <0.48 | <0.0024 | **0.0041** | <0.0024 | **0.0031** | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.027 | <0.0055 | <0.0055 | <0.0055 | <0.0055 |
| | VW1-10 | <0.50 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.024 | <0.0047 | <0.0047 | <0.0047 | <0.0047 |
| | VW1-15 | **2,100g,b** | <0.49 | **1.1** | **1.3** | **210** | <4.7 | <4.7 | <4.7 | <4.7 | <23 | <4.7 | <4.7 | <4.7 | <4.7 |
| | VW1-20 | **500g,b** | <0.11 | **0.23** | <0.11 | **55** | <6.2 | <6.2 | <6.2 | <6.2 | <31 | <6.2 | <6.2 | <6.2 | <6.2 |
| | VW1-25 | **1,500g,b** | <0.29 | **0.95** | <0.29 | **140** | <6.0 | <6.0 | <6.0 | <6.0 | <30 | <6.0 | <6.0 | <6.0 | <6.0 |
| | VW1-30 | **1,100g,b** | <0.26 | **0.71** | <0.26 | **110** | <5.5 | <5.5 | <5.5 | <5.5 | <28 | <5.5 | <5.5 | <5.5 | <5.5 |
| | VW1-36 | **1,400g,b** | <0.52 | **5.5** | **3.4** | **210** | <5.7 | <5.7 | <5.7 | <5.7 | <28 | <5.7 | <5.7 | <5.7 | <5.7 |
| | DUP | **1,600g,b** | <0.28 | **0.93** | <0.28 | **160** | <8.8 | <8.8 | <8.8 | <8.8 | <44 | <8.8 | <8.8 | <8.8 | <8.8 |

***Notes***

| | | |
|---|---|---|
| TPHD | = | Total Petroleum Hydrocarbons as Diesel by EPA 8015C |
| TPHK | = | Total Petroleum Hydrocarbons as Kerosene by EPA 8015C |
| TPHg | = | Total Petroleum Hydrocarbons as Gasoline by EPA5035/8015Cm |
| B | = | Benzene by EPA 8021B |
| T | = | Toluene by EPA 8021B |
| E | = | Ethylbenzene by EPA 8021B |
| X | = | Xylenes by EPA 8021B |
| Lead | = | Lead by EPA 6010C |
| CB | = | Chlorobenzene by EPA 5035/8260B |
| a | = | *Unmodified or weakly modified gasoline is significant* |
| b | = | Heavier gasoline range compounds are significant (aged gasoline?) |
| g | = | Strongly aged gasoline or diesel range compounds are significant |
| DCB | = | Dichlorobenzenes by EPA 5035/8260B |
| DCA | = | 1,2-Dichloroethane by EPA 5035/8260B |
| EDB | = | Ethylene Dibromide by EPA 5035260B |
| TBA | = | t-Butyl Alcohol by EPA 5035/8260B |
| MTBE | = | Methyl-t-Butyle Ether by EPA 5035/8260B |
| DIPE | = | Di-Isopropyl Ether by EPA 5035/8260B |
| ETBE | = | Ethyl-t-Butyl Ether by EPA 5035/8260B |
| TAME | = | t-Amyl Methyl Ether by EPA 5035/8260B |
| NA | = | t-Amyl Methyl Ether by EPA 5035/8260B |

# TABLE 13
# SOIL ANALYTICAL RESULTS
# VOLATILE ORGANIC COMPOUNDS
# EPA METHOD 5035/8260B
# DECEMBER 2003

Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | Benzene | MEK | n-Butyl benzene | EDB | 1,1-DCE | Ethyl-benzene | 4-Isopropyl toluene | Napth | Toluene | 1,2,4-TMB | Xylenes | TBA | sec-Butyl benzene | 1,2-DCA | Iso-propyl benzene | MIBK | n-Propyl benzene | 1,3,5-TMB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/17/03 | MW6-5 | <0.0055 | <0.011 | <0.0055 | <0.0055 | <0.0056 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.027 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 |
| | MW6-10 | <0.0059 | <0.012 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.030 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 |
| | MW6-15 | <2.5 | <4.9 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | 7.6 | <2.5 | 94 | 67 | <12 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | 29 |
| | MW6-20 | <2.9 | <5.8 | <2.9 | <2.9 | <2.9 | <2.9 | <2.9 | 18 | <2.9 | 95 | 51 | <15 | <2.9 | <2.9 | <2.9 | <2.9 | <2.9 | 29 |
| | MW6-25 | <0.0059 | <0.012 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | 0.11 | <0.0059 | 0.12 | 0.064 | <0.029 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | 0.061 |
| | MW6-30 | <0.012 | <0.024 | <0.012 | <0.012 | <0.012 | <0.012 | <0.012 | 0.072 | <0.012 | 0.29 | 0.36 | <0.059 | <0.012 | <0.012 | <0.012 | <0.012 | <0.012 | 0.17 |
| | MW6-35 | <0.0057 | <0.011 | <0.0057 | <0.0057 | <0.0057 | <0.0057 | <0.0057 | 0.010 | <0.0057 | 0.19 | 0.27 | 0.041 | <0.0057 | <0.0057 | <0.0057 | <0.0057 | <0.0057 | 0.086 |
| | MW6-40 | 0.24 | 0.23 | <0.041 | 0.056 | <0.041 | 0.11 | <0.041 | 0.26 | 0.89 | 1.1 | 2.5 | <0.20 | <0.041 | 0.057 | <0.041 | 0.045 | <0.041 | 0.39 |
| | MW6-45 | 0.084 | <0.010 | 0.016 | <0.005 | <0.005 | 0.20 | <0.005 | 0.0056 | 0.031 | 0.030 | 0.085 | <0.025 | 0.0065 | 0.22 | 0.033 | <0.005 | 0.067 | 0.013 |
| | MW6-50 | 0.13 | <0.010 | 0.036 | <0.005 | <0.005 | 0.21 | 0.0058 | 0.020 | 0.0061 | <0.005 | 0.0096 | <0.025 | 0.011 | 0.12 | 0.040 | <0.005 | 0.094 | 0.014 |
| | MW6-55 | 13 | <10 | <5.0 | <5.0 | <5.0 | 20 | <5.0 | 7.4 | 110 | 47 | 83 | <25 | <5.0 | <5.0 | <5.0 | <5.0 | 6.3 | 14 |
| | MW6-60 | 3.2 | <0.39 | <0.20 | <0.20 | <0.20 | 0.91 | <0.20 | 0.29 | 8.0 | 0.83 | 1.6 | <0.98 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | 0.22 |
| | MW6-65 | 0.064 | <0.021 | <0.010 | <0.010 | <0.010 | 0.043 | <0.010 | <0.010 | 0.40 | 0.022 | 0.14 | <0.051 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| | MW6-72 | 0.11 | <0.065 | 0.048 | <0.032 | <0.032 | 0.17 | <0.032 | 0.049 | 0.84 | 0.53 | 0.68 | <0.16 | <0.032 | <0.032 | <0.032 | <0.032 | 0.069 | 0.18 |
| 12/17/03 | MW7-50 | <0.0053 | <0.011 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.026 | <0.0053 | 0.0064 | <0.0053 | <0.0053 | <0.0053 | <0.0053 |
| | MW7-55 | <0.020 | <0.040 | 0.084 | <0.020 | <0.020 | 0.42 | <0.020 | 0.083 | 0.082 | 0.77 | 0.84 | <0.10 | 0.023 | <0.020 | 0.042 | <0.020 | 0.17 | 0.18 |
| | MW7-60 | 0.53 | <0.038 | <0.019 | <0.019 | <0.019 | 0.17 | <0.019 | 0.027 | 0.024 | 0.085 | 0.073 | <0.095 | <0.019 | <0.019 | <0.019 | <0.019 | 0.023 | <0.019 |
| | MW7-65 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW7-70 | <0.0051 | <0.0102 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.026 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 |
| 12/17/03 | MW8-50 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW8-55 | <0.0051 | <0.0102 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.026 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 |
| | MW8-60 | <0.0047 | <0.0094 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.024 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 |
| | MW8-65 | <0.0055 | <0.011 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.027 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 |
| | MW8-72 | <0.0052 | <0.0104 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.026 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 |
| 12/16/03 | MW9-50 | <0.0052 | <0.010 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.026 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 | <0.0052 |
| | MW9-55 | <0.0051 | <0.010 | <0.010 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.025 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 | <0.0051 |
| | MW9-60 | <0.0049 | <0.0099 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.025 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 |
| | MW9-65 | <0.0046 | <0.0092 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.023 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.0046 | <0.0046 |
| | MW9-72 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |

# TABLE 13
# SOIL ANALYTICAL RESULTS
# VOLATILE ORGANIC COMPOUNDS
# EPA METHOD 5035/8260B
# DECEMBER 2003

Concentrations in mg/kg (ppm)



| DATE | SAMPLE ID | Benzene | MEK | n-Butyl benzene | EDB | 1,1-DCE | Ethyl-benzene | 4-Isopropyl toluene | Napth | Toluene | 1,2,4-TMB | Xylenes | TBA | sec-Butyl benzene | 1,2-DCA | Iso-propyl benzene | MIBK | n-Propyl benzene | 1,3,5-TMB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/15/03 | MW10-50 | <0.0049 | <0.0099 | <0.0049 | <0.0049 | 0.0087 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.025 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 | <0.0049 |
| | MW10-55 | <0.005 | <0.010 | <0.005 | <0.005 | 0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW10-60 | <0.0056 | <0.011 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.028 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.0056 | <0.0056 |
| | MW10-65 | <0.0053 | <0.011 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.027 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 | <0.0053 |
| | MW10-72 | <0.0059 | <0.012 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.030 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 | <0.0059 |
| 12/19/03 | MW11-60 | <0.0048 | <0.0096 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.024 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.0048 | <0.0048 |
| | MW11-65 | <0.0083 | <0.017 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.041 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.0083 | <0.0083 |
| | MW11-70 | <0.005 | <0.010 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.025 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | MW11-75 | <0.0045 | <0.0091 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.023 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 |
| | MW11-80 | <0.0045 | <0.0091 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.023 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 | <0.0045 |
| 12/18/03 | VW1-5 | <0.0055 | <0.011 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | 0.0061 | 0.0072 | 0.0062 | <0.027 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 | <0.0055 |
| | VW1-10 | <0.0047 | <0.0094 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | 0.0052 | <0.0047 | <0.024 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 | <0.0047 |
| | VW1-15 | <4.7 | <9.4 | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 23 | <4.7 | 180 | 120 | <23 | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 53 |
| | VW1-20 | <6.2 | <12 | <6.2 | <6.2 | <6.2 | <6.2 | <6.2 | <6.2 | <6.2 | 94 | 59 | <31 | <6.2 | <6.2 | <6.2 | <6.2 | <6.2 | 28 |
| | VW1-25 | <6.0 | <12 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 16 | <6.0 | 160 | 110 | <30 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 48 |
| | VW1-30 | <5.5 | <11 | <5.5 | <5.5 | <5.5 | <5.5 | <5.5 | 19 | <5.5 | 200 | 140 | <28 | <5.5 | <5.5 | <5.5 | <5.5 | <5.5 | 58 |
| | VW1-36 | <5.7 | <11 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 27 | 6.2 | 260 | 240 | <28 | <5.7 | <5.7 | <5.7 | <5.7 | 10 | 74 |
| | DUP | <8.8 | <18 | <8.8 | <8.8 | <8.8 | <8.8 | <8.8 | 22 | <8.8 | 170 | 110 | <44 | <8.8 | <8.8 | <8.8 | <8.8 | <8.8 | 50 |

Notes

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MEK | = | 2-Butanone | EDB | = | Ethylene dibromide | DCE | = | Dichloroethene |
| Napth | = | Napthalene | TMB | = | Trimethylbenzene | TBA | = | 4-Methyl-2-pentanone |
| DCA | = | Dichloroethane | MIBK | = | 4-Methyl-2-pentanone | | | |

# TABLE 14
## GROUNDWATER ANALYTICAL RESULTS
Concentrations in ug/L (ppb)



| WELL | DATE | TPHD | TPHK | TPHG | B | T | E | X | Lead | CB | DCB | DCA | EDB | TBA | MTBE | DIPE | ETBE | TAME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW1 | 06/18/02 | Not Sampled due to Free Product | | | | | | | | | | | | | | | | |
| | 09/20/03 | NA | NA | **57,000** | **6,000** | **7,000** | **500** | **1,700** | NA | <40 | <40 | <40 | **44** | <400 | <40 | <40 | <40 | <40 |
| | 01/30/04 | NA | NA | **67,000** | **6,000** | **12,000** | **1,000** | **4,400** | NA | <100 | <100 | **140** | <100 | <1,000 | <100 | <100 | <100 | <100 |
| MW2 | 06/18/02 | <50 | <50 | **240** | <0.5 | <0.5 | **15** | <1.0 | <5 | <2.0 | <2.0 | **4.6** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 09/19/03 | NA | NA | **130** | <0.5 | <0.5 | **0.80** | <1.0 | NA | <2.0 | <2.0 | <2.0 | **4.9** | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 01/29/04 | NA | NA | **330** | <0.5 | <0.5 | **3.6** | <1.0 | NA | <2.0 | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW3 | 06/18/02 | <50 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | <5 | <2.0 | <2.0 | **8.3** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 09/19/03 | NA | NA | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | <2.0 | **7.9** | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 01/29/04 | NA | NA | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | **6.2** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW4 | 06/18/02 | <50 | <50 | **8,200** | **330** | **1,200** | **130** | **400** | <5 | <20 | <20 | <20 | <20 | <200 | <20 | <20 | <20 | <20 |
| | 09/20/03 | NA | NA | **1,500** | **48** | **87** | **35** | **54** | NA | <2.0 | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 01/30/04 | NA | NA | **1,200** | **66** | **110** | **28** | **57** | NA | <2.0 | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW5 | 06/18/02 | <50 | <50 | **100** | **19** | **0.6** | <0.5 | <1.0 | <5 | <2.0 | <2.0 | **18** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 09/19/03 | NA | NA | <50 | **14** | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | **21** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 01/29/04 | NA | NA | <50 | **2.0** | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | **11** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW6 | 01/30/04 | NA | NA | **28,000** | **1,700** | **4,400** | **230** | **1,800** | NA | <2.0 | <2.0 | <2.0 | **5.7** | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW7 | 01/30/04 | NA | NA | **260** | **6.9** | **3.2** | **1.4** | **3.7** | NA | <2.0 | <2.0 | **13** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW8 | 01/29/04 | NA | NA | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW9 | 01/28/04 | NA | NA | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW10 | 01/28/04 | NA | NA | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | <2.0 | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW11 | 01/29/04 | NA | NA | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NA | <2.0 | <2.0 | **4.8** | <2.0 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |

**Notes**

| | | |
|---|---|---|
| TPHD | = | Total Petroleum Hydrocarbons as Diesel by EPA Method 8015B |
| TPHK | = | Total Petroleum Hydrocarbons as Kerosene by EPA Method 8015B |
| TPHg | = | Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015B |
| B | = | Benzene by EPA Method 8021B |
| T | = | Toluene by EPA Method 8021B |
| E | = | Ethylbenzene by EPA Method 8021B |
| X | = | Xylenes by EPA Method 8021B |
| Lead | = | Dissolved Lead by EPA Method 200.9 |
| CB | = | Chlorobenzene by EPA Method 8260B |
| DCB | = | Dichlorobenzenes by EPA Method 8260B |
| DCA | = | 1,2-Dichloroethane by EPA Method 8260B |
| EDB | = | Ethylene Dibromide by EPA Method 8260B |
| TBA | = | t-Butyl Alcohol by EPA Method 8260B |
| MTBE | = | Methyl-t-Butyle Ether by EPA Method 8260B |
| DIPE | = | Di-Isopropyl Ether by EPA Method 8260B |
| ETBE | = | Ethyl-t-Butyl Ether by EPA Method 8260B |
| TAME | = | t-Amyl Methyl Ether by EPA Method 8260B |
| NA | = | t-Amyl Methyl Ether by EPA Method 8260B |